



## **LBS VESIT ANNUAL REPORT 2020-21**

LBS stands for "Looking Beyond Syllabus" Activity. It's an Institute level competition with the purpose of motivating students to come up with new project ideas, which can be converted into real time applications or products. Through LBS, VESIT offers an opportunity to the students to contribute to the society by providing innovative and efficient solutions for today's needs of the citizens.

The competition is open for I year, II year and III-year students of B.E and MCA who are interested in exploring and understanding technology.

The competition in collaboration with IIC, was started by sending an email on 26th Sep 2020 to the eligible students for online registration for the project proposals. Form was open for students till 12th Oct 2020.

Online mentor registration form was also open 23rd Oct 2020 till 31th Oct 2020 in which interested faculty can apply for mentoring the projects according to their area of interest. 26 faculty from various departments registered for the same. Allocation of mentors to the selected teams was done on 29<sup>th</sup> Jan 2021.

First review presentation of the project was held online on 23rd Nov 2020. Six panels of judges were made, comprising three faculty from different departments for scrutinising the project proposals. Proposals were examined based on the relevance and validation of problem & solution, feasibility of the solution and applicability of the solution. Proposals were judged by **Mr. Richard Joseph, Ms. Kajal Jewani, Ms. Ruchi Rautela, Ms. Sangeeta Oswal, Ms. Rohini Temkar, Ms. Anuradha Jadiya, Dr. Parameshwar Birajadar, Ms. Amrita Jhaveri, Ms. Jayashree Hajgude, Mr. Mrugendra Vasmatkar, Ms. Manisha Joshi, Ms. Priya R. L., Dr. Shanta Sondur, Dr. Manoj Sabnis, Ms. Gauri Sahoo, Mr. Gopalakrishnan, Ms. Madhumati Khuspe, Ms Kadambari Sharma**

Themes for LBS projects this year were:

1. Online education
2. Virtual Lab creation
3. Green innovations in technology
4. Healthcare
5. Data science for society
6. Artificial Intelligence
7. Robotic Process Automation
8. Machine learning



**Following 26 groups were selected for the second round.**

S.N o.	Project ID	Title	E-mail ID (Team Leader)	Mentor Name	E-mail ID (Mentor)	Dept of Mentor
1	P1-01	ERA OF ACCIDENT CESSATION	2018.dixita.patil@ves.ac.in	Dr. Anjali Yeole	anjali.yeole@ves.ac.in	CMPN
2	P1-05	Deface - Creating & Detecting of Deepfakes	2018.ajay.khalsa@ves.ac.in	Indira Bhattacharya	indira.bhattachariya@ves.ac.in	MCA
3	P1-06	Automated Document Verification for Admission Process.	2018.tejas.dhopavkar@ves.ac.in	Manisha Joshi	manisha.joshi@ves.ac.in	EXTC
4	P1-08	Online Exam Portal	2018.etisha.mathurvaishya@ves.ac.in	Dr. Ramesh Solanki	ramesh.solanki@ves.ac.in	MCA
5	P1-09	Virtual Lab for Analysis of Algorithms	2018.yash.wadhvani@ves.ac.in	Jyoti Bagate	jyoti.dawkhari@ves.ac.in	EXTC
6	P2-02	Accident Data Crowd Sourcing System	2019bhairavi.joshi@ves.ac.in	ABHA TEWARI	abha.tewari@ves.ac.in	CMPN
7	P2-04	Fake news detection and Sentiment Analysis of news using Machine Learning	2018.manoj.ayyappan@ves.ac.in	Neeta Chavan	neeta.chavan@ves.ac.in	EXTC
8	P2-05	Poacher detection	2018.divesh.hariani@ves.ac.in	Dr. Nandini Ammanagi	nandini.ammanagi@ves.ac.in	EXTC
9	P2-07	Healthcare related topics like drug discovery, genomics, track and prevent diseases, predictive analytics, medical imaging, monitoring patient's health, etc	2018.anuja.shetye@ves.ac.in	Dr. Sharmila Sengupta	sharmila.sengupta@ves.ac.in	CMPN
10	P2-08	DRISHTI (Automated Exam Surveillance System)	2018.omkar.mane@ves.ac.in	Anushree Prabhu	anushree.prabhu@ves.ac.in	ETRX
11	P3-01	Automatic waste segregator and automation	2019siddharth.bagde@ves.ac.in	Dr Shiv Kumar Goel	shivkumar.goel@ves.ac.in	MCA
12	P3-02	A CNC robot for Vertical farming	2018.kaustubh.salve@ves.ac.in	Dipti Karani	dipti.karani@ves.ac.in	ETRX
13	P3-03	Drizzlr	2019manav.kukreja@ves.ac.in	Pallavi Gangurde	pallavi.gangurde@ves.ac.in	EXTC
14	P3-04	Sharing of medicine	2019aditi.singh@ves.ac.in	Pooja Shetty	pooja.shetty@ves.ac.in	INFT
15	P3-05	MoodScore Android App	2018.satyam.vishwakarma@ves.ac.in	Vaishali Gatty	vaishali.gatty@ves.ac.in	MCA
16	P3-06	Asana - Enabling remote	2018.harshita.ganpathy	Jayshree	jayashree.hajgude@ves.ac.in	INFT

		fitness	@ves.ac.in	Hajgude	s.ac.in	
17	P3-07	A Digital Health Monitoring Device	2019ashwini.gawhale@ves.ac.in	Richard Joseph	richard.joseph@ves.ac.in	CMPN
18	P4-02	Digital Stethoscope with AI	2018.jatin.dandelia@ves.ac.in	Priya R L	priya.rl@ves.ac.in	CMPN
19	P4-03	PRO-FIT : Your Virtual Fitness Trainer	2018.amit.chhabria@ves.ac.in	Dr. DHANAMMA JAGLI	dhanamma.jagli@ves.ac.in	MCA
20	P4-07	Jeevan Paritrata - A ML based accident management system	2018.abhijit.thikekar@ves.ac.in	Shobhit Khandare	shobhit.khandare@ves.ac.in	EXTC
21	P5-02	E2 (Education Made Easy)	2019guruakaash.janthalur@ves.ac.in	Amrita Jhaveri	amrita.jhaveri@ves.ac.in	ETRX
22	P5-07	Virtual Lab for Seamless Practicals	2018.jay.jhaveri@ves.ac.in	Asma Parveen I. Siddavatam	asma.parveen@ves.ac.in	INFT
23	P5-08	Data structures and algorithms Visualisation	2018.deepika.gambani@ves.ac.in	Ameya Parkar	ameya.parkar@ves.ac.in	MCA
24	P6-02	Social welfare website	2018.anmol.rohra@ves.ac.in	Ruchi Rautela	ruchi.rautela@ves.ac.in	MCA
25	P6-04	VESIT Autorickshaw Paier	2019om.shetty@ves.ac.in	Dr. T. Rajani Mangala	rajani.mangala@ves.ac.in	ETRX
26	P6-05	"Credit Card Fraud Detection"	2019shivoham.angal@ves.ac.in	Abhishek Chaudhari	abhishek.chaudhari@ves.ac.in	ETRX

**First review presentation of the projects taken on 23rd Nov 2020.**

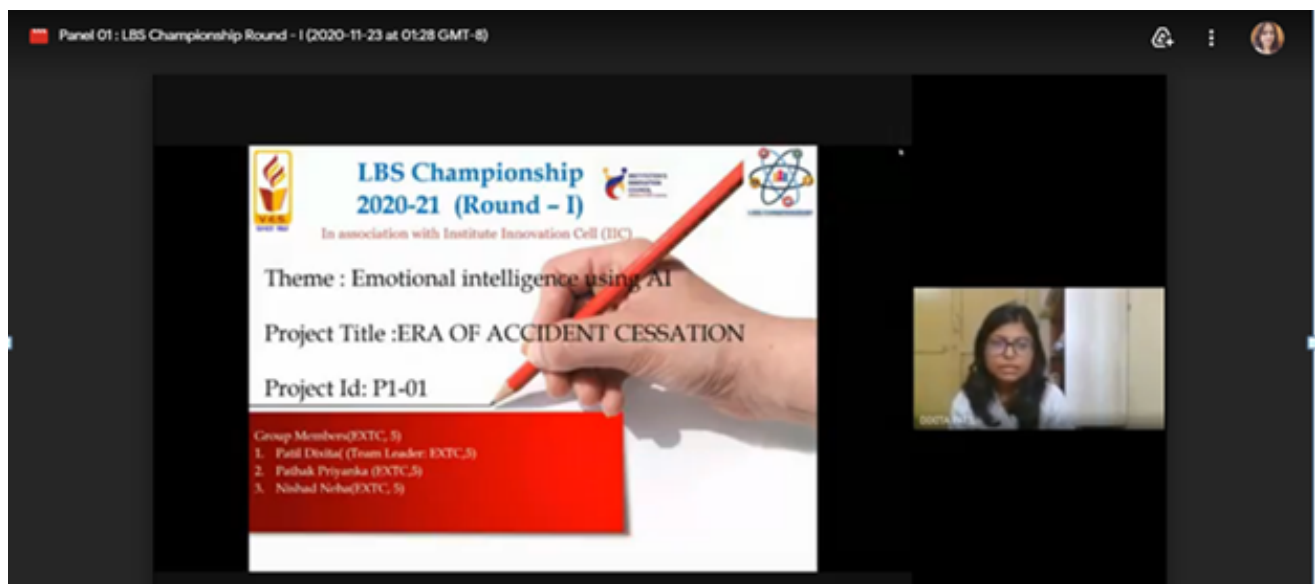


Fig 1: Proposal Presentation by Student Team

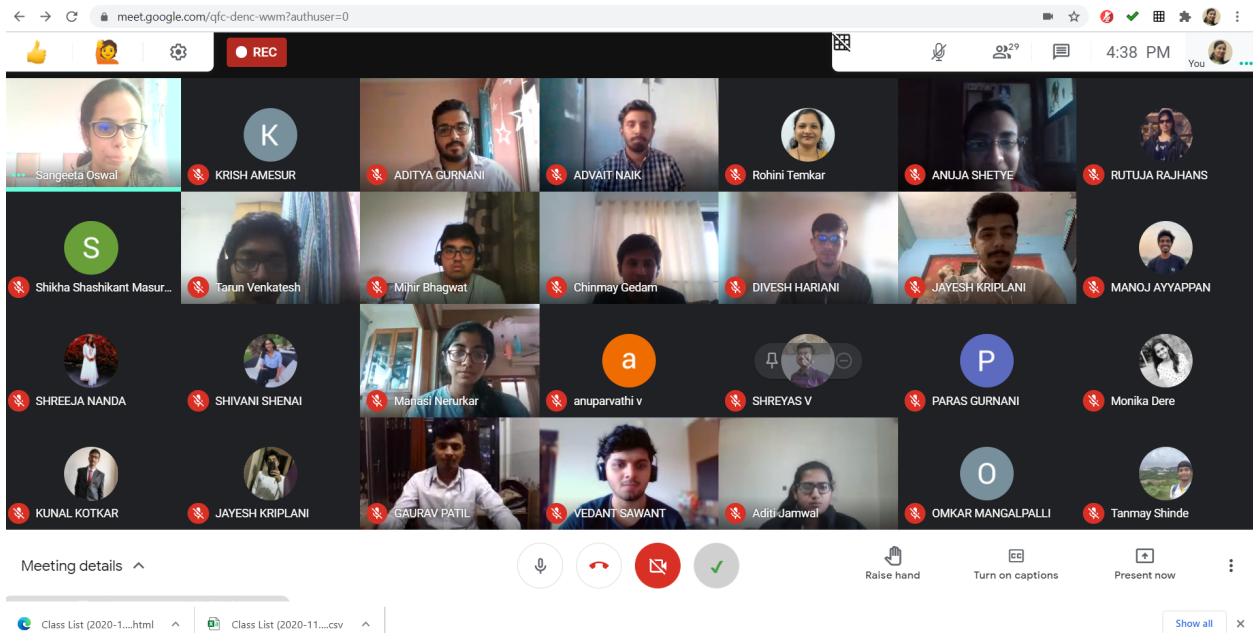


Fig 2: Project Review by Panel of Judges

Second stage review presentation was held on 24th April 2021 where students presented their 75- 80% completed projects. The projects were screened by a panel of experienced faculty members: Mrs. Priya R. L., Dr (Mrs) T. Rajani Mangala, Mrs. Anuradha Jadiya, Mrs. Gauri Sahoo, Mrs. Kadambari Sharma and Mrs. Jayashree Hajgude.

### LIST OF 16 GROUPS SELECTED FOR FINALS

S.N o.	Project ID	Title	E-mail ID (Team Leader)	Mentor Name	Dept of Mentor
1	P1-01	Era Of Accident Cessation	<a href="mailto:2018.dixita.patil@ves.ac.in">2018.dixita.patil@ves.ac.in</a>	Dr. Anjali Yeole	CMPN
2	P1-06	Automated Document Verification for Admission Process.	<a href="mailto:2018.tejas.dhopavkar@ves.ac.in">2018.tejas.dhopavkar@ves.ac.in</a>	Manisha Joshi	EXTC
3	P2-04	Fake news detection and Sentiment Analysis of news	<a href="mailto:2018.manoj.ayyappan@ves.ac.in">2018.manoj.ayyappan@ves.ac.in</a>	Neeta Chavan	EXTC



		using Machine Learning			
4	P2-05	Poacher detection	<a href="mailto:2018.divesh.hariani@ves.ac.in">2018.divesh.hariani@ves.ac.in</a>	Dr. Nandini Ammanagi	EXTC
5	P2-07	Healthcare related topics like drug discovery, genomics, track and prevent diseases, predictive analytics, medical imaging, monitoring patient's health, etc	<a href="mailto:2018.anuja.shetye@ves.ac.in">2018.anuja.shetye@ves.ac.in</a>	Dr. Sharmila Sengupta	CMPN
6	P2-08	DRISHTI (Automated Exam Surveillance System)	<a href="mailto:2018.omkar.mane@ves.ac.in">2018.omkar.mane@ves.ac.in</a>	Anushree Prabhu	ETRX
7	P3-01	Automatic waste segregator and automation	<a href="mailto:2019siddharth.bagde@ves.ac.in">2019siddharth.bagde@ves.ac.in</a>	Dr Shiv Kumar Goel	MCA
8	P3-03	Drizzlr	<a href="mailto:2019manav.kukreja@ves.ac.in">2019manav.kukreja@ves.ac.in</a>	Pallavi Gangurde	EXTC
9	P3-04	Sharing of medicine	<a href="mailto:2019aditi.singh@ves.ac.in">2019aditi.singh@ves.ac.in</a>	Pooja Shetty	INFT
10	P3-05	MoodScore Android App	<a href="mailto:2018.satyam.vishwakarma@ves.ac.in">2018.satyam.vishwakarma@ves.ac.in</a>	Vaishali Gatty	MCA
11	P3-06	Asana - Enabling remote fitness	<a href="mailto:2018.harshita.ganpathy@ves.ac.in">2018.harshita.ganpathy@ves.ac.in</a>	Jayshree Hajgude	INFT
12	P4-02	Digital Stethoscope with AI	<a href="mailto:2018.jatin.dandelia@ves.ac.in">2018.jatin.dandelia@ves.ac.in</a>	Priya R L	CMPN
13	P4-07	Jeevan Paritrata - A ML based accident management system	<a href="mailto:2018.abhijit.thikekar@ves.ac.in">2018.abhijit.thikekar@ves.ac.in</a>	Shobhit Khandare	EXTC
14	P5-02	E2 (Education Made Easy)	<a href="mailto:2019guruakaash.janthalur@ves.ac.in">2019guruakaash.janthalur@ves.ac.in</a>	Amrita Jhaveri	ETRX
15	P5-08	Data structures and algorithms Visualisation	<a href="mailto:2018.deepika.gambani@ves.ac.in">2018.deepika.gambani@ves.ac.in</a>	Ameya Parkar	MCA
16	P6-02	Social welfare website	<a href="mailto:2018.anmol.rohra@ves.ac.in">2018.anmol.rohra@ves.ac.in</a>	Ruchi Rautela	MCA



## Second Round Presentation taken on 24th April 2021

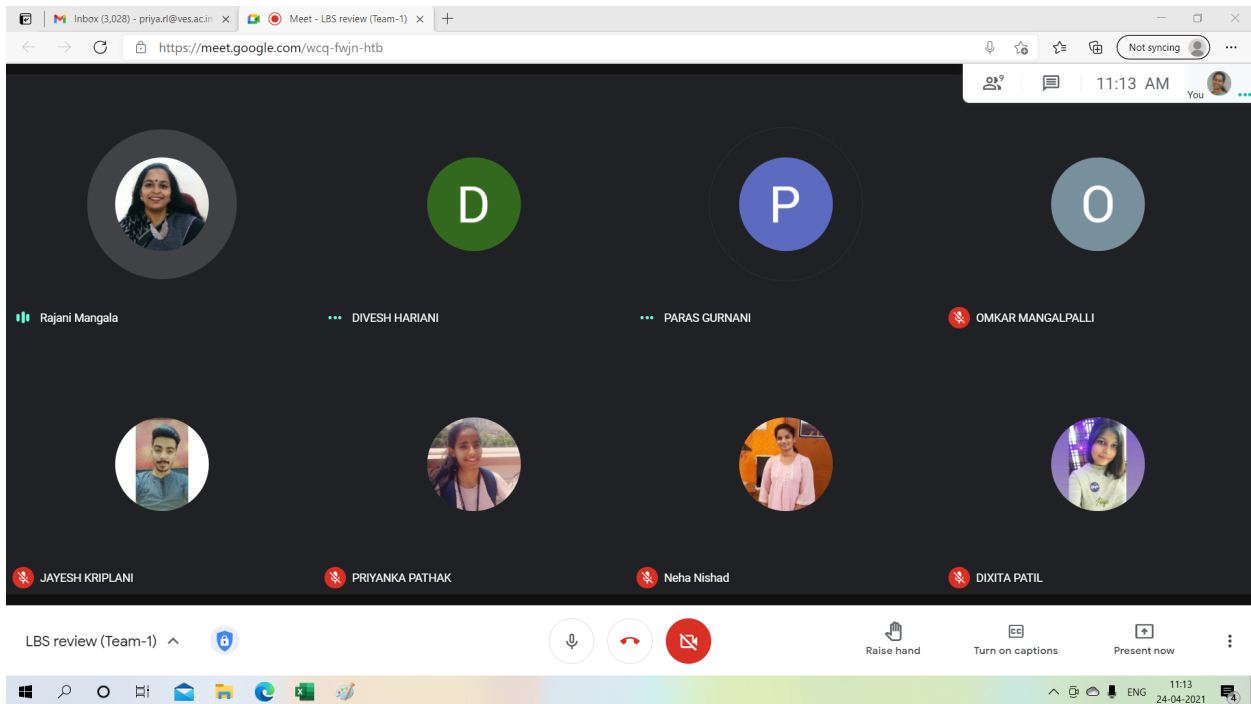


Fig 3: Second Round Presentation

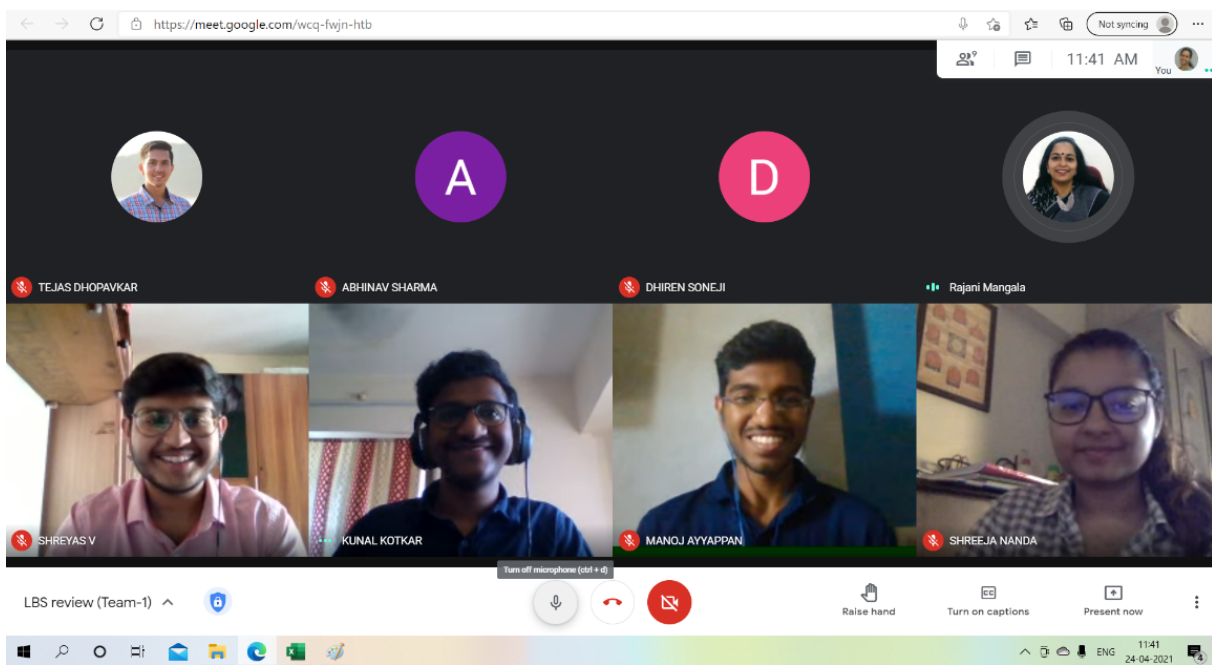


Fig 4: Project Progress Review

Final stage of the LBS championship was organized on 30th April 2021. Out of 16 Shortlisted teams in the second round 14 teams showcased their projects on the online platform (VESIT



YouTube Channel). Winners were selected on the basis of the feedback and assessment by the experts as well as the number of views for the video uploaded on VESIT YouTube Channel. Event started on 30th April 2021 at 10:00 AM and ended on 01 May 2021 at 10:00 AM.

The following selected projects participated in the e-exhibition.

1. LBS-GR 1- Automated Document Verification System for Admission
2. LBS-GR 2- Poacher Detection
3. LBS-GR 3- Healthcare related topics like drug discovery, genomics, track and prevent diseases, predictive analytics, medical imaging, monitoring patient's health, etc
4. LBS-GR 4- DRISHTI (Automated Exam Surveillance System)
5. LBS-GR 5- Automated waste segregator
6. LBS-GR 6- MEDICAMENT - Sharing of medicine
7. LBS-GR 7- MOODSCORE
8. LBS-GR 8- Asana - Enabling remote fitness
9. LBS-GR 9- StethAI- Digital Stethoscope with AI
10. LBS-GR 10- JEEVAN PARITRATA -A ML based accident management system
11. LBS-GR 11- E2 (Education Made Easy)
12. LBS-GR 12- Data structures and algorithms Visualisation
13. LBS-GR 13- Social welfare website
14. LBS-GR 14- Drizzlr - AeroDrip

Three best projects were declared as winners. The projects were judged based on the feedback received by the judges and the number of views that each project gets. The result was calculated based on 70% of judges' feedback + 30% of the number of views obtained by each project.

#### **LBS 2020-21 E-EXHIBITION RESULTS WERE AS FOLLOWS:-**

##### **\* WINNER**

**LBS - GR - 6(P3-04) - MEDICAMENT-Sharing of Medicine**

**Mentor:** Pooja Shetty

**Team Members:** Aditi Singh, Devang Chandiwade, Mehul Jain, Siddhesh Dhamanaskar, Sushanth Chetipally

##### **\*FIRST RUNNER UP**

**LBS - GR - 4(P2-08) - DRISHTI (Automated Exam Surveillance System)**

**Mentor:** Anushree Prabhu

**Team Members:** Omkar Mane, Advait Naik, Aditya Gurnani, Krish Amesur

##### **\* SECOND RUNNER UP**

**LBS - GR - 14(P3-03) - Drizzlr - AeroDrip**

**Mentor:** Pallavi Gangurde

**Team Members:** Manav Kukreja, Bivab Sahoo, Daksh Punamiya, Tanvi Satam



LBS E-exhibition 2020-21

**MEDICAMENT**  
MENTOR - POOJA SHETTY

TEAMMATES  
PROJECT ID - P3-04

ADITI SINGH  
DEVANG V. CHANDIVADE  
MEHUL JAIN  
SUSHANTH CHETIPALLY  
SIDDHESH V. DHAMANASKAR

Play (k)

0:07 / 9:53

LBS-GR-6 Sharing of medicine (Project ID P3-04)

2,559 views • Apr 30, 2021

901 20 SHARE SAVE ...

LBS E-exhibition 2020-21

**DRISHTI**  
AN EXAM SURVEILLANCE SYSTEM  
PROJECT ID: P2-08

TEAM MEMBERS:  
OMKAR MANE  
ADITYA GURNANI  
ADVAIT NAIK  
KRISH AMESUR

Play (k)

0:00 / 3:55

LBS-GR-4 DRISHTI (Automated Exam Surveillance System) (Project ID P2-08)

2,507 views • Apr 30, 2021

835 38 SHARE SAVE ...



LBS E-exhibition 2020-21

Home > International

## Maharashtra: Villages in Beed district face acute water shortage

By ANI | Central News | Last Updated: April 27, 2021 | 22:15:36 I

Play (k)

0:00 / 4:57

LBS-GR-14 Team Drizzlr - AeroDrip (Project ID P3-03)

1,824 views • Apr 30, 2021

653 15 SHARE SAVE ...

All the participating groups, mentors, organizing team and judges received the participatory certificates.

### **LBS COORDINATORS**

Mrs. Ruchi Rautela, Assistant Professor, (MCA)  
Mrs. Kadambari Sharma, Assistant Professor, (INST)  
Mrs. Anuradha Jadiya, Assistant Professor, (EXTC)  
Mrs. Priya R. L., Assistant Professor, (CMPN)  
Mrs. Jayashree Hajgude, Assistant Professor, (IT)  
Mrs. Gauri Sahoo, Assistant Professor, (ETRX)

### **LBS IN-CHARGE:**

Dr. (Mrs.) T. Rajani Mangala,  
Professor, (ETRX)