



LBS VESIT ANNUAL REPORT 2021-22

LBS stands for "Looking Beyond Syllabus" Activity. This event is a college 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 in collaboration with IIC began by inviting entries on September 23rd, 2021 from our II and III year students of BE and I year MCA students for LBS CHAMPIONSHIP 2021-22 where they were asked to propose a solution in the form of an app or a product benefiting the Society. Registration form was open for students till 20th Oct 2021.

Online mentor registration form was sent in which interested faculty can apply for mentoring the projects according to their area of interest. 29 faculty from various departments registered for the same.

First review presentation of the project was held online on 22nd October 2021. The LBS team comprising of Dr (Mrs) T. Rajani Mangala, Mrs. Priya R. L, Mrs. Anuradha Jadiya, Mrs. Gauri Sahoo, Mrs. Kadambari Sharma, Mrs. Ruchi Rautela, Mrs. Jayashree Hajgude and Mr. Ajinkya Valanjoo, scrutinized the project proposals. Proposals were examined based on the relevance and validation of the problem & solution, feasibility of the solution and applicability of the solution. The result of LBS Championship 2021-22 Round - 1 were declared on Nov 15, 2021.

Themes for LBS projects 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 27 groups were selected for the second round.

Round 1

LBS Championship 21-22

S.No.	Title of the project	Team Leader	Email ID of Team Leader	Mentor Allocated	Department of the Mentor
1	AI Assistant	Nimisha Jain	2020.nimisha.jain@ves.ac.in	Mrs. Priya R. L	Computer Engineering
2	AI in Agriculture	Prasad Jawale	2020.prasad.jawale@ves.ac.in	Mr. Ameya Parkar	Master of Computer Applications



3	AttendMe:Student Attendance System Using NFC	Riya Shukla	2019riya.shukla@ves.ac.in	Dr. Dhanamma Jagli	Master of Computer Applications
4	Caesar Cipher Cyber Security	Yashraj Mulwani	2020.yashraj.mulwani@ves.ac.in	Mrs. Amrita Jhaveri	Electronics Engineering
5	Campus Connect - The College Discussion App	Anuj Sanjay Patil	2019anuj.patil@ves.ac.in	Mrs. Jyoti Bagate	Electronics and Telecommunication
6	Contactless Hand & Accessories Disinfectant	Prajyot Kamble	2019.prajyot.kamble@ves.ac.in	Dr. Parmeshwar Birajdar	Electronics Engineering
7	Cricket prediction system	Avanish Srivastava	2020.avanish.srivastava@ves.ac.in	Dr Shiv Kumar Goel	Master of Computer Applications
8	Demand Supply Equalizer	Omkar Pawar	d2019omkar.pawar@ves.ac.in	Dr. Sharmila Sengupta	Computer engineering
9	Disaster Response using Twitter	Meet Patel	2019meet.patel@ves.ac.in	Mrs. Dipti Karani	Electronics Engineering
10	Forum for VES	Anurag Saraswat	2019anurag.saraswat@ves.ac.in	Mr. Prashant Kanade	Computer Engineering
11	GistGator (MoM)	Shubham Zope	2019shubham.zope@ves.ac.in	Mrs. Ruchi Rautela	Master of Computer Applications
12	HeaLief-Health Tracker	Yukta Talgana	2019sakshi.singh@ves.ac.in	Mrs. Richa Sharma	Computer Engineering
13	Hospital Management System	Gautam Wadhvani	2020.gautam.wadhvani@ves.ac.in	Mrs. Nusrat Ansari	Computer Engineering
14	KeyLogger	Om Madat	2020.om.madat@ves.ac.in	Mrs. Asha Bharambe	Information Technology
15	Kisan Mitra Bot	Yashraj Desai	2019yashraj.desai@ves.ac.in	Dr. Nandini Ammanagi	Electronics and Telecommunication
16	MeetUp VESITY	Dhaval Mahajan	2019dhaval.mahajan@ves.ac.in	Mr. Richard Joseph	Computer Engineering
17	Online Railway Ticket Booking System	Isha Desai	2020.isha.desai@ves.ac.in	Mrs. Mannat Doultani	Computer Engineering
18	Plant Recognition System	Saritha Ponnambalan Tharakan	2019saritha.tharakan@ves.ac.in	Mrs. Manisha Joshi	Electronics and Telecommunication




19	Quality Assurance using Blockchain	Bhavya Hingorani	2019bhavya.hingorani@ves.ac.in	Mrs. Kajal Jewani	Information Technology
20	Recycling Noise	Phalguneshwari Borikar	2019phalguneshwari.borikar@ves.ac.in	Mrs. Anushree Prabhu	Electronic Engineering
21	SHIKSHA - A Career Guide	Yash Kriplani	2019yash.kriplani@ves.ac.in	Dr.Saylee Gharge	Electronics and Telecommunication
22	Smart Pill Dispenser	Aishvarya Mahadeo Birambole	2019aishvarya.birambole@ves.ac.in	Mr. Shobhit Khandare	Electronics & Telecommunication
23	Touch Surface Projector	Sahil Ganesh Parab	2020.sahil.parab@ves.ac.in	Mr. Ajinkya Valanjoo	Artificial Intelligence and Data Science
24	Unicache	Vraj Mehta	2019.vraj.mehta@ves.ac.in	Mrs. Pallavi Gangurde	Computer Engineering
25	VED : Ayurvedic website	Bhargav Mungekar	2020.bhargav.mungekar@ves.ac.in	Mrs. Jayshree Hajgude	Information Technology
26	Water quality monitoring system for Fish Farming	Farheen khan	2019farheen.khan@ves.ac.in	Dr.Monali Chaudhari	Electronics and Telecommunication
27	The Vulcans_Home Automation	Shreya Raghunath Kate	2019shreya.kate@ves.ac.in	Mr. Abhishek Chaudhari	Electronics Engineering

First review presentation of the projects taken on 22nd Oct 2021.



Fig 1: Proposal Presentation by Student Team



**Vivekanand Education Society's
Institute of Technology**
(Affiliated to University of Mumbai, Approved by AICTE and
Recognised by Govt. of Maharashtra)

10th Anniversary

**In Association with Institution's Innovation Council (IIC) &
Internal Quality Assurance Cell (IQAC)**

Looking Beyond Syllabus Team

Announcing LBS Competition 2021-22
(An effort to enhance knowledge)
(Stage-I: Selection round)

The objective of LBS is to encourage students to exhibit various innovative theme-based projects on emerging technologies, develop interaction of the students with the faculty members, enhance team building ability, to provide competitive environment in students to exhibit their project making skills and motivate the students to come up with innovative solutions for the problems based on themes. These themes are derived from the sustainable goals.
After receiving very good response from the students and the faculty for around last 10 years, we are back again with a bang. We have received enormous student entries for this academic year too.

We present our 1st round of selection on 22nd October 2021.

<p>LBS In-charge Dr. (Mrs.) Rajani Mangala</p>	<p>VESIT LBS Team</p>	<p>Departmental LBS In-charges Mrs. Kadambari Sharma (INST) Mrs. Jayashree Hajgude (IT) Mrs. Priya R. L. (CMPN) Mrs. Anuradha Jadiya (EXTC) Mrs. Gauri Sahu (ETRX) Mrs. Ruchi Routela (MCA) Mr. Ajinkya Valanjoo(AI&DS)</p>
<p>Shri. B. L. Boolani President, VES</p>	<p>Dr. (Mrs.) J. M. Nair Principal, VESIT</p>	<p>Dr. (Mrs.) M. Vijayalakshmi Vice- Principal, VESIT</p>

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Tel: 022-61532532 Fax: 022-61532555 Email : zaid@ves.ac.in/principal.vesit@ves.ac.in , website <https://ves.ac.in/>

Fig 2: Poster for Stage 1

Second stage review presentation was held on 19th & 20th February 2022 where students presented their 75- 80% completed projects. The projects were screened by a panel of experienced alumni members: Mr. Nikhil Ahuja, Mr. Ajit Patil, Mr. Prithvi Shetty, Ms. Roma Motwani, Mr. Pratik Thorat, Mr. Gaurav Sahu, Ms. Megha Sahu, Mr. Rajiv Yadav, Mr. Shubham Safaya, Mr. Souvik Saha, Ms. Sonal Narvekar and Mr. Nitin Aswal.



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Looking Beyond Syllabus Team

Announcing LBS Championship 2021-2022
(An effort to enhance knowledge)

(Stage - II: Selection of teams to participate in finals)

The objective of LBS is to encourage students to exhibit various innovative theme-based projects on emerging technologies, develop interaction of the students with the Faculty members, enhance team building ability and to provide a competitive environment for students to exhibit their project making skills and motivate the student to come up with innovative ideas for problems based on themes.

We present our 2nd round of selection on 19th & 20th February 2022.

LBS Incharge Dr. (Mrs.) Rajani Mangla	VESIT LBS Team	Department LBS Inchargees Mrs. Kadambari Sharma (IN&T) Mrs. Ruohi Rautela (MCA) Mrs. Gauri Bahoo (ETRX) Mrs. Priya R. L. (CMPN) Mrs. Anuradha Jadhya (EXTC) Mrs. Jayachree Hajgude (INFT) Mr. Ajinkya Valanjoo (AIS&B)
Shri. B. L. Boolani President, VES	Dr.(Mrs.) J. M. Nair Principal	Dr. (Mrs.) M. Vijayalakehmi Vice Principal

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Fig 3: Poster for Stage 2

LIST OF 12 GROUPS SELECTED FOR FINALS:

S.No.	Title of the project	Team Leader	Email ID of Team Leader	Mentor Allocated	Department of the Mentor
1	AI Assistant	Nimisha Jain	2020.nimisha.jain@ves.ac.in	Mrs. Priya R. L	Computer Engineering
2	AI in Agriculture	Prasad Jawale	2020.prasad.jawale@ves.ac.in	Mr. Ameya Parkar	Masters of Computer Applications
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		Saraswat	es.ac.in		Engineering
5	GistGator (MoM)	Shubham Zope	2019shubham.zope@ves.ac.in	Mrs. Ruchi Rautela	Masters of Computer Applications
6	Kisan Mitra Bot	Yashraj Desai	2019yashraj.desai@ves.ac.in	Dr. Nandini Ammanagi	Electronics and Telecommunication
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12	Water quality monitoring system for Fish Farming	Farheen khan	2019farheen.khan@ves.ac.in	Dr.Monali Chaudhari	Electronics and Telecommunication

LBS championship 2021-22 Final round was held online on 26th & 27th March 2022 and the judges were experts from the Industry. We had a panel of 4 judges and criteria for judgment was conversion of this prototype into a final product. Mr. Prasad Rao from Tata Power, Mr. Ritesh Nehate from TCS Ltd, Mr. Vishal Jadiya from Hexaware Technologies, Mr Sanjay Jain from NPCIL judged the completed projects in the final round.

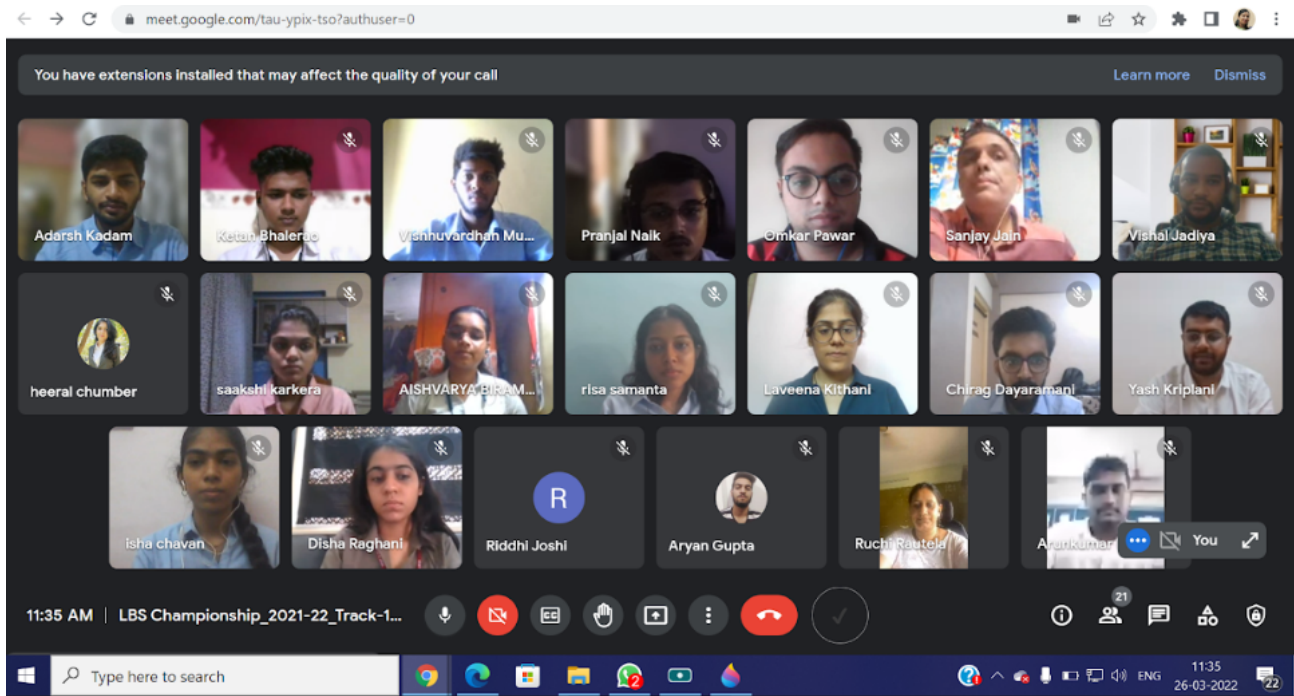


Fig. 4 Final round project presentation

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

The following teams won the LBS Championship 2021-22.

1st Position : Project Title - AI in Agriculture

Mentor: Mr. Ameya Parkar (Assistant Professor, MCA)

Team: (AI & DS, SE)

Prasad Jawale

Priyanshu Singh

Deepak Prasad

Tejas Patne

2nd Position: Project Title - Smart Pill Dispenser

Mentor: Mr. Shobhit Khandare (Assistant Professor, EXTC)

Team: (EXTC, TE)

Aishvarya Mahadeo Birambole

Risa Samanta,

Saakshi Karkera



3rd Position: Project Title - GistGator (MoM)

Mentor: Ruchi Rautela(Assistant Professor ,MCA)

Team: (CMPN, TE)

Shubham Zope

J N Guru Akaash

Nihar Kenny

Nair Ajay Ravindran

The prize distribution ceremony was held on 21st April 2022, on annual day.



Fig. 5 Winning team with trophy



Fig. 6 1st Runners up team with trophy



Fig. 7 2nd Runners Up team with trophy



LBS TEAM



Lbs In-Charge
Dr. (Mrs.) T. Rajani Mangala,
Professor, (ETRX)

LBS Coordinators



Mrs. Gauri Sahoo
Assistant Professor
ETRX



Mrs. Priya R. L.
Assistant Professor
CMPN



Mrs. Kadambari Sharma
Assistant Professor
INST



Mrs. Anuradha Jadiya
Assistant Professor
EXTC



Mrs. Jayashree Hajgude
Assistant Professor
INFT



Mr. Ajinkya Valanjoo
Assistant Professor
AI & Data Science



Mrs Ruchi Rautela
Assistant Professor
MCA