



SYNOPSIS[®]



ANVESHANA 2023-24 FINALSITS HYDERABAD

Dear Students,

At the outset, we would like to thank all the participants for their enthusiastic response, for the time and effort given to the 11th edition of Anveshana. The journey from initial application and then scrutiny to this stage has been an exciting one for all of us. As you must now be aware, the overall objective of Anveshana is about mentoring young and vulnerable learners through innovative models of engineering, and broadening the horizons of the children. While selecting the projects the Screening Committee went through the project synopsis sent by various group on the relevance of theme, how clearly the project is broadening the knowledge of the young learners through the working models and the Innovation component. The projects have gone through different levels of screening, involving eliminations based on the synopsis sent, execution and learnings. 38 projects have been selected as Finalists out of 156 projects registered in Level-1 & 2 Screening process. It was a tough job for the Jury to select the 38 Projects.

More Information Contact:

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Anveshana HYDERABAD 2023-24 Selected Projects List

S.no	Name of the Engineering College	Project Title	Focus Area	Team leader's name
1	Bhoj reddy engineering college women's	wireless digital bluetooth stethoscope		Mandoti shruthi
2	Bhoj reddy engineering college women's	Innovative protection of trees from summing using RFID and sensors	Earth	Thatikonda Nitha
3	Bhoj reddy engineering college women's	Smart petro card management system	Space	Meghraj Meghana
4	Bhoj reddy engineering college women's	Arduino based smart Helmet for bikers		Ch.vaishali
5	Bhoj reddy engineering college women's	portable automatic floor cleaning robot		J.Kavya
6	Bhoj reddy engineering college women's	vehicle anti-collision with sound alert and tracking system	Earth	Jetty .Hari prasanna
7	Marri Laxman reddy institute of technology	Drone Metallic Anomalies detector	Earth	pinnama reddy Ujwala
8	Marri Laxman reddy institute of technology	Borewell rescue yantra	Earth	Mohammad khadhar pasha
9	Marri Laxman reddy institute of technology	solar patio umbrella	water	Koduri sri pradeepika
10	Marri Laxman reddy institute of technology	Soldier Rescue Robot	Earth	k.hanok,harini
11	Marri Laxman reddy institute of technology	Robotic boat to pluck hyacinth from water bodies	water	K.Ayush
12	Marri Laxman reddy institute of technology	Automated safety grill system for platform gap prevention	Earth	Gullipalli Meghana
13	Marri Laxman reddy institute of technology	Mirror touch;iot driven hand rehabilitation for paralysis		T.vivek
14	Marri Laxman reddy institute of technology	Safety device for women using Embedded	Earth	poleshwari turangi
15	G.Narayanamma Institute of technology and science	vede-ibot	Earth	Ishitha Doniparthi
16	G.Narayanamma Institute of technology and science	Disaster management and awareness using augmented reality	Earth	Kacham satwika
17	G.Narayanamma Institute of technology and science	Cognizen mat	Earth	T.V.L prasanna
18	G.Narayanamma Institute of technology and science	WIRELESS E-Vehicle charging system	Earth	S.Sowmya
19	G.Narayanamma Institute of technology and science	Real time monitoring for efficient drainage system	water	Nabi.unissa
20	G.Narayanamma Institute of technology and science	IoT based smart cradle system		Thatipalli Sowmya

21	G.Narayanamma Institute of technology and science	Air pollution monitoring system using arduino	Air	Modugu.Divya
22	G.Narayanamma Institute of technology and science	Crop suggestion & yield prediction	Earth	Sai amogha Uppalapati
23	Sridevi Womens Engineering college	Multi task robot	Earth	Janumula. Lavanya
24	Sridevi Womens Engineering college	Implementation of foot step power generator using piezoelectric sensors and server	Fire	P.Manideepika
25	Sridevi Womens Engineering college	Vehicle to vehicle communication using Li-Fi technology with Can protocol	Fire	Uduthala Shilpa
26	Teegala Krishna Reddy Engineering college	Electrical vehicle lithium ion battery power management system using solar and grid	Earth	M.Keerthana
27	Teegala Krishna Reddy Engineering college	Wireless charging station for an electric vehicle	Earth	Varikuppala .Manohar
28	Teegala Krishna Reddy Engineering college	Obstacle Avoiding and bluetooth controlled Robot car using Arduino	Earth	Kama. Sreevarsha
29	Sridevi Womens Engineering college	solar based agricultural stud	Earth	apurupa,lavanya
30	Marri Laxman reddy institute of technology Management	bluetooth car	Earth	Dablipuram sarika
31	Marri Laxman reddy institute of technology management	SOLAR POWERED IOT FIELD MONITORING SYSTEM	water	V.Dinesh
32	Sridevi Womens Engineering college	rail way auto singling system	Earth	Rupa anjali
33	BVRIT Narsapur	Assistive game for Hand paralysis Rehabilitation	Earth	balakrisna
34	BVRIT Narsapur	Ride sense	Earth	sai charan
35	Sridevi Womens Engineering college	High way speed checker	Earth	Manisha,varsha
36	BVRIT Narsapur	Smarna siddhi	Earth	SAMHITH
37	BVRIT Narsapur	Sparsh Dhvani	Earth	Sowmya
38	BVRIT Narsapur	VR for Assistive Gaming	Earth	Sai

Note:

- Review will start from 3rd week of January 2024.
- We expect school students to explain the basic science concepts involved in your project during these Review

(Feel free to call & clarify your doubts regarding mentoring process MALLESH BATTU: 9182566460,9963611278)

- We expect working model of your project during the review.
- Send the complete project report by **25th Jan. 2024** (word *file* - with *block diagrams, pictures of the Model, photo graph of your team with school students and guide*

Etc. [mallesh@agastya.org](mailto:malles@agastya.org) for publishing in “Anveshana Souvenir”)

Document minimum 100 questions asked by the school students during the mentoring process and send the same to [mallesh@agastya.org](mailto:malles@agastya.org) for publishing in “**100 Times Curious**” book which will be unveiled during the event.

WISH YOU ALL THE BEST