

## ANVESHANA 2019-20 HYDERABAD FINALISTS

### 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 7th edition of Hyderabad 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 for final competition out of **180+** projects registered. It was a tough job for the Jury to select the **38** Projects.

We take this opportunity to wish all the very best to all the finalists.

We thank you, with an earnest request to keep up this spirit of learning and teaching. Once again congratulations for being selected for the final Competition.

The competition will be held in **Hyderabad** in **January- 2020** (dates will be announced soon).

Now it's time for you to gear up the mentoring process. If you need any help please contact our local coordinator **Rajak Zabbiualla +91 9550786622**

S.N	NAME OF THE ENGINEERING COLLEGE	NAME OF THE PROJECT	NAME OF THE TEAM LEADER
1	AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY	AUTOMATED MULTI SOURCE ELECTRICITY GENERATION	V.RAGHAVENDRA SHETTY
2	BV RAJU INSTITUTE OF TECHNOLOGY, MEDAK	ALTERNATIVE AUGMENTED COMMUNICATION APPLICATION AND GESTURE CONTROL MOUSE	KONDAMEEDI MANASA
3	BV RAJU INSTITUTE OF TECHNOLOGY, MEDAK	FIND IT	K SHANMUKHA KUMAR

4	BV RAJU INSTITUTE OF TECHNOLOGY,MEDAK	FOLLOW ME TROLLEY	GAAYATHRI.P.V
5	G NARAYANAMMA INSTITUTE OF TECHNOLOGY AND SCIENCES ,SHEIKPET	FALL DETECTION USING ACCELEROMETER SENSOR	A. SRI RATHNA MAHI
6	G NARAYANAMMA INSTITUTE OF TECHNOLOGY AND SCIENCES ,SHEIKPET	IOT BASED SMART WASTE MANAGEMENT FOR SMART CITIES USING AURDINO	G. TEJASWINI
7	KSHATRIYA COLLEGE OF ENGINEERING,NALGONDA	HOME AUTOMATION WITH GOOGLE ASSISTANT	KUNDER GAZALA SOOFI
8	KUPPAM ENGINEERING COLLEGE,KUPPAM	PURIFICATION OF WATER USING NATURAL FILTERS	RAFI RIYAZ
9	KUPPAM ENGINEERING COLLEGE,KUPPAM	ISOLATION OF SOLAR PANEL USING VAJRAPAAT APP	RAFI RIYAZ
10	KUPPAM ENGINEERING COLLEGE,KUPPAM	IOT BASED SOLAR POWERED SMART PEST REPELLER GADGET FOR AGRICULTURE LANDS	RITHIN.K.THEDEVOS
11	MARRI LAXMAN REDDY INSTITUTE OF TECHNOLOGY,MEDCHAL	KHOA MAKING MACHINE	RAVULA VENKAT
12	MARRI LAXMAN REDDY INSTITUTE OF TECHNOLOGY,MEDCHAL	RAILWAY REFUGE SYSTEM	J PAVAN
13	MARRI LAXMAN REDDY INSTITUTE OF TECHNOLOGY,MEDCHAL	MIRROR PI	G.BHAVISHYA

14	MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY, BANJARA HILLS(H)	WASTEWATER TO ENERGY	FAREHA FATIMA
15	MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY, BANJARA HILLS(H)	NOISE HARVESTING HUB (NHH)	KHAJA ASADULLAH
16	MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY, BANJARA HILLS(H)	SMART HELMET (SHELMET)	MOHD SAFWAN HUSSAIN
17	RAGHU INSTITUTE OF TECHNOLOGY, VISHAKAPATNAM	CORN USED AS A BIO-FUEL	B.PRUDHVI RAJU
18	RAGHU INSTITUTE OF TECHNOLOGY, VISHAKAPATNAM	DESERT WATER HARVEST	R.SHALINI
19	RAGHU INSTITUTE OF TECHNOLOGY, VISHAKAPATNAM	JAL RAKSHAN-A TRADITIONAL WAY TO CONSERVE WATER	ADIREDDI V S G PRADEEP KUMAR
20	RAGHU INSTITUTE OF TECHNOLOGY, VISHAKAPATNAM	PERVIOUS CONCRETE PAVEMENT	SENA.KALYAN
21	RAGHU INSTITUTE OF TECHNOLOGY, VISHAKAPATNAM	PLASTIC BRICKS & PAVING BLOCKS MADE BY WASTE PLASTIC	A BHASKARA SUBBA RAO
22	SRI CHAITHANYA INSTITUTE OF ENGINEERING COLLEGE	PLASTIC WASTAGE REUSE IN AGRICULTURE AND GARDEN	B.SAINEELA
23	SIDDARTHA INSTITUTE OF TECHNOLOGY AND SCIENCE	TRAFFIC CONTROLLER BY ELEVATED ROLLERS	NAMALA SAI YASHWANTH

24	SRI INDHU INSTITUTE OF ENGINEERING COLLEGE	ECO FRIENDLY HYDROPONIC BUILDING DESIGN SELF WATERING BY FREE ENERGY PUMPING SYSTEM.	T.ANUSHA
25	TUDI RAM REDDY INSTITUTE OF TECH AND SCIENCES, NALGONDA	ADVANCED SUB SURFACE DRIP IRRIGATION BY MOISTURE SENSOR	D.KARTHIK
26	VASIREDDY VENKATADRI INSTITUTE OF TECHNOLOGY	SERVICE AT YOUR DOOR STEP	R.SURYA TEJA
27	VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE(T)	STREET LIGHT PROJECT	A.HARSHINI
28	VIGNAN'S FOUNDATION FOR SCIENCE ,TECHNOLOGY &RESEARCH DEEMED TO BE UNIVERSITY	AQUA CULTURE MONITORING USING IOT	SHAIK.MOHAMMAD KHASIM
29	VIGNAN'S FOUNDATION FOR SCIENCE ,TECHNOLOGY &RESEARCH DEEMED TO BE UNIVERSITY	SOLDIER HEALTH MONITORING & TRACKING SYSTEM USING IOT	SHAIK.MOHAMMAD KHASIM
30	BV RAJU INSTITUTE OF TECHNOLOGY,MEDAK	FULLY AUTOMATED FISH FEEDING DEVICE	B DEEPESH KUMAR
31	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA	V -NRG	PIRADI NIKHITA SATYA PRIYA
32	MATRUSRI ENGINEERING COLLEGE	SOIL HEALTH MONITORING USING IOT	MOHAMMED REHAN MOHIUDDIN
33	BV RAJU INSTITUTE OF TECHNOLOGY,MEDAK	WATER WASTE MANAGEMENT	HANUMANDLA SAHITHYA

34	MARRI LAXMAN REDDY INSTITUTE OF TECHNOLOGY,MEDCHAL	EFFECTIVE IRRIGATION SYSTEM	PATHIKAYALA DEVI SRI PRASANNA
35	BV RAJU INSTITUTE OF TECHNOLOGY,MEDAK	SMART CRADDLE	LOCHAN SRIKAR
36	MARRI LAXMAN REDDY INSTITUTE OF TECHNOLOGY,MEDCHAL	GARLAND MAKING MACHINE	G. BALA BHANU PRAKASH
37	TUDI RAM REDDY INSTITUTE OF TECH AND SCIENCES, NALGONDA	ADVANCED AGRICULTURE BY USING SENSOR AND ANIMAL PREVENTION	P.MANI CHANDRA
38	MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY, BANJARA HILLS(H)	GESTURE TO VOICE TRANSLATOR	SYED TAHA AHMED

**Note:**

- Review visits will start **from 3rd week of November 2019.**
- We expect school students to explain the basic science concepts involved in your project during these visits

**(Feel free to call & clarify your doubts regarding mentoring process)**

- We expect working model of your project during the review visit.
- Send the complete project report by **20th Dec 2019** (word *file* - with block diagrams, pictures of the

*Model, photo graph of your team with school students and guide*

Etc. to [hamsalatha@agastya.org](mailto:hamsalatha@agastya.org), [zabbi.agastya@gmail.com](mailto:zabbi.agastya@gmail.com) for publishing in “**Anveshana Souvenir**”)

Document minimum 100 questions asked by the school students during the mentoring process and send the

Same to [hamsalatha@agastya.org](mailto:hamsalatha@agastya.org), [zabbi.agastya@gmail.com](mailto:zabbi.agastya@gmail.com) for publishing in “**100 Times Curious**” book which will be unveiled during the event.