

## ANVESHANA 2018-19 - 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 4th 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. 37 projects have been selected for final competition out of 150+ projects registered. It was a tough job for the Jury to select the 37 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 February 2019** (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 coordinators

**a) Bhaskar S.V (Mobile no. 8792479019)**

**b) Ramakrishna (Mobile no. 9542276731)**

S.N	COLLEGE NAME	PROJECT TITLE	TEAM LEADER NAME
<b>ENERGY</b>			
1	G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE, HYDERABAD	PILFERAGE AND ADULTERATION AVOIDANCE SYSTEM FOR FUEL TANKERS	SHRUTHIKA DACHEPALLI
2	G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE, HYDERABAD	SOLAR POWER BATTERY CHARGER	G. BHUVANA SRI
3	RAGHU INSTITUTE OF TECHNOLOGY, VISHAKAPATNAM	GREEN ENERGY-ENERGY GENERATION FROM PLANTS	RONGALA VAMSI KRISHNA
4	VAAGDEVI ENGINEERING COLLEGE, WARANGAL	SUSTAINABILITY OF CONCRETE	RADHAKRISHNA
5	B.V. RAJU INSTITUTE OF TECHNOLOGY, MEDAK	SMART CYLINDER	V. L. RAJESH KUMAR

6	MLR INSTITUTE OF TECHNOLOGY, MEDCHAL	EXTRACTION OF BIOFUEL FROM PADDYSTRAW	NANDALA SAHASRCHITH
<b>WATER</b>			
7	MLR INSTITUTE OF TECHNOLOGY, MEDCHAL	SMART WATER OXYGENERATOR	CHETANA
8	MLR INSTITUTE OF TECHNOLOGY, MEDCHAL	AQUATIC ROBOT FOR CLEANING	K.V.S.S.S. VYSHNAVI
9	RAGHU INSTITUTE OF TECHNOLOGY, VISHAKAPATNAM	BEST WAY TO CLEAN LAKES	ANIL RONGALA
10	MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY, RANGAREDDY	SLUICE RIVULET GANGA BOT - A RIVER CLEANING BOT	RIZWANA TABASSUM
<b>SWACHH BHARAT</b>			
11	G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE, HYDERABAD	AUTOMATIC GARBAGE MONITORING SYSTEM	LOKA SWETHA SRILAKSHMI
12	MLR INSTITUTE OF TECHNOLOGY, MEDCHAL	GESTURE CONTROLLED VACCUM CLEANER	M V P B SRINIVAS
13	TKR COLLEGE OF ENGINEERING AND TECHNOLOGY, RANGAREDDY	IOT SOLUTIONS FOR SMART CITIES: GARBAGE DUSTBIN MANAGEMENT SYSTEM AND REPORTING TO MUNICIPAL AUTHORITIES OVER IOT	CH. UMESH
<b>FOOD</b>			
14	B.V. RAJU INSTITUTE OF TECHNOLOGY, MEDAK	SMART PETFEEDER	GATTIKOPPULA RAJINIKANTH
15	B.V. RAJU INSTITUTE OF TECHNOLOGY, MEDAK	BALANCED DIET MOBILE APPLICATION	SAMMETA SAI VIJAY
<b>AGRICULTURE</b>			
16	MLR INSTITUTE OF TECHNOLOGY, MEDCHAL	HYBRID AGRICULTURE SPRAYER	A. MANIDEEP
17	MLR INSTITUTE OF TECHNOLOGY, MEDCHAL	AUTONOMOUS INTERIOR PLANTATION	G. RAGHU NANDAN
18	MLR INSTITUTE OF TECHNOLOGY, MEDCHAL	PLANT HEALTH MONITORING SYSTEM	P. RAJU NAIDU
19	MLR INSTITUTE OF TECHNOLOGY, MEDCHAL	WEED REMOVER	V. JAI CHANDRA

<b>GENERAL</b>			
20	AURORA'S TECHNOLOGICAL AND RESEARCH INSTITUTE, HYDERABAD	ARDUINO CNC DRAWING MACHINE	KODURU HARI PRIYA
21	AVANTHI INSTITUE OF ENGINEERING AND TECHNOLOGY, RANGAREDDY	FLASH FLOOD INTIMATION OVER GSM WITH USER PROGRAMMABLE NUMBER FEATURES TO THE AUTHORITY	B. VENKATESH
22	AVANTHI INSTITUE OF ENGINEERING AND TECHNOLOGY, RANGAREDDY	AUTOMATED SPEED CONTROLLING OF VEHICLES USING RF TECHNOLOGY AT RESTRICTED ZONES	CH. KRISHNA CHAITANYA
23	G. NARAYANAMMA INSTITUE OF TECHNOLOGY & SCIENCE, HYDERABAD	TRACK FAULT DETECTOR	Y. SRINIDHI
24	G. NARAYANAMMA INSTITUE OF TECHNOLOGY & SCIENCE, HYDERABAD	AUTOMATIC ENGINE LOCKING FOR DRUNK DRIVERS	B. MONICA
25	GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT HYDERABAD CAMPUS	MOBILE BASED MALARIA DIAGNOSIS	K CHARAN TEJA
26	MLR INSTITUTE OF TECHNOLOGY, MEDCHAL	CONFIGURABLE BASED CONTROL SYSTEM FOR PEOPLE WITH MULTIPLE DISABILITIES	R A HARSHITA
27	SREEDATTHA INSTITUTE OF ENGINEERING AND TECHNOLOGY, RANGAREDDY	OPTICAL CHARACTER RECOGNITION	SRAVAN REDDY A
28	SREEDATTHA INSTITUTE OF ENGINEERING AND TECHNOLOGY, RANGAREDDY	DIGITAL IMPRINT	SAI MADHURI
29	SREEDATTHA INSTITUTE OF ENGINEERING AND TECHNOLOGY, RANGAREDDY	EVENTO-A MOBILE APPLICATION FOR EVENTS	VINAY CHAKRJI J
30	TKR COLLEGE OF ENGINEERING AND TECHNOLOGY, RANGAREDDY	VOICE CONTROLLED HOME APPLIANCES USING ANDROID APP	J. SHIVAKIRAN
31	VIGNANA BHARATHI INSTITUTE OF TECHNOLOGY	THE SMART CART	KONDAPALLI PRAFUL
32	VIJAY RURAL ENGINEERING COLLEGE, NIZAMABAD	HAND GESTURE CONTROLLED WHEEL CHAIR	CHIDURA MANI TEJA
33	B.V. RAJU INSTITUTE OF TECHNOLOGY, MEDAK	LEARNING AID FOR AUTISM	HEMANTH VUPPALA

34	GURU NANAK INSTITUTE OF TECHNOLOGY, RANGAREDDY	CIRCULAR RUNWAY DESIGN	NIKITHA ADEPU
35	ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES, RANGAREDDY	DRONE	JAHANGEER D
36	Er. PERUMAL MANIMEKALAI COLLEGE OF ENGINEERING, HOSUR	IMAGE DETECTED STICK FOR BLIND	J. ROCHE ANTONY RAJ
37	KONGU ENGINEERING COLLEGE, ERODE	POWER LODED EXO-SKELETON	R. PRASHANNA RANGAN

**Note:**

- Review visits will start **from 3rd week of November 2018.**
- 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 **25<sup>th</sup> Dec 2018** (*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), [bhaskarsvagastya@gmail.com](mailto:bhaskarsvagastya@gmail.com) for publishing in “Anveshana Souvenir”)
- Document minimum 100 questions asked by the school students while you are mentoring the school students and send those questions to [hamsalatha@agastya.org](mailto:hamsalatha@agastya.org), [bhaskarsvagastya@gmail.com](mailto:bhaskarsvagastya@gmail.com) for publishing in “100 Times Curious” book which will be unveiled during the event.