

ANVESHANA-HYDERABAD FINALISTS 2017-18

"Congratulations!"

Your project has been qualified for participation in the **Anveshana 2018-Hyderabad**. Please make sure you have a completed physical model that works, i.e. demonstrates the concept that is intended and the children you propose to mentor receive the benefit of a lot of learning around the theme of the project.

Our **screening committee** that qualified your project has made a number of observations regarding the project proposals were received. One or more of these observations may be true in your project. Please therefore read these very carefully and plan on improving your project before you finally display and demonstrate the project.

- 1) The project proposals are not always clear about what exactly will be displayed.
- 2) No clear idea of the physical or system principle that makes it workable.
- 3) It is not clear why it is a creative or original solution to a problem. Often the claims made of any originality are easily disprovable. For example many other projects submitted have the same solution to the same problem. It is not necessary that the technology needs to be original. You can choose a technology that is proven but decide to solve a problem in which it has been used before.
- 4) We encourage the participants to think of their solutions in the context of commercial viability. Very few proposals even indicate any intention of such commercialisation. What are the costs? What kind of mfg. set up will be needed? What quality problems are expected? How will the units be tested etc etc.
- 5) Most importantly what can the project leaders teach the children when they participate? It is not important, nor even possible that the children can be taught everything and every concept used in the project. But they have the opportunity to expand their knowledge or perspective. Project leaders need to apply their mind about what is the best sustainable learning that they can impart to their school learner partners.

Please make sure you pay attention to the deficiency or deficiencies in your project

Finally winning a competition involves impressing a jury about two aspects.

- 1) The project must meet more than passing standards on most aspects of its execution- a viable theme, working model, clear communication of objectives, means and benefits etc.
- 2) Some unique differentiators that stand out from other participating entries.

A winner is not a run-of-the-mill project. A winner is DIFFERENT. Plan for that difference Best of luck

MEMBERS

ANVESHANA PROJECT SCREENING COMMITTEE

| S.N | COLLEGE NAME | PROJECT TITLE | TEAM LEADER |
|-------------------------|--|---|-----------------------------|
| ENERGY | | | |
| 1 | AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY | HYBRID ENERGY (SOLAR-WIND-HYDAL) GENERATION FOR RURAL ELECTRIFICATION | K. DIVYA |
| 2 | G.NARAYANAMMA INSTITUTE OF TECHNOLOGY AND SCIENCE | CHARGE-AS-YOU-TALK | NIKITHA N |
| 3 | G.NARAYANAMMA INSTITUTE OF TECHNOLOGY AND SCIENCE | GASH ENERGY PLANT: ENERGY FROM GARBAGE | SIRI SAMPELLI |
| 4 | AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY | WIRELESS POWER TRANSMISSION FOR PORTABLE DEVICE CHARGING | K. LILLY |
| 5 | SRI PADMAVATHI MAHILA UNIVERSITY | BIO-GREEN BLOOM-ENERGY | PANCHADI RAHULI DEVI |
| WATER | | | |
| 6 | ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES | UTILISATION OF SEA WATER | THOTA JYOTHI |
| 7 | MLR INSTITUTE OF TECHNOLOGY | PIPELINE INSPECTION AND BOREWELL RESCUE ROBOT | VANNEMREDDY NAGA SAI NIKHIL |
| 8 | JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY COLLEGE OF ENGINEERING | IOT BASED WATER MANAGEMENT SYSTEM | K.BHARATHI DEVI |
| 9 | VAAGESWARI COLLEGE OF ENGINEERING | WASTE WATER TREATMENT AND REUSE | S.AKHIA |
| WASTE MANAGEMENT | | | |
| 10 | N.R.I INSTITUITE OF TECHNOLOGY,KRISHNA A.P | ROAD CLEANER (OR) WASTE SEGREGATER | G.SIVA LOKESH KUMAR |
| 11 | MLR INSTITUTE OF TECHNOLOGY | AQUAPONICS | G.PREM KUMAR |
| 12 | MLR INSTITUTE OF TECHNOLOGY | EFFICIENT GARBAGE MANAGEMENT SYSTEM FOR SMART CITIES | P.MOUNIKA |
| 13 | ACE ENGINEERING COLLEGE | GARBAGE MONITORING SYSTEM | G.SAI USHA NAGASRI |
| 14 | PRINCETON COLLEGE OF ENGINEERING AND TECHNOLOGY | SIMPLE WAYS OF COMPOSTING AT HOME | DASARI SUPRIYA |

FOOD & AIR

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|----|--|---|------------------|
| 15 | SREE VIDYANIKETHAN ENGINEERING COLLEGE | UNIQUE WAY-DOSA MAKER | SHAIK.NIJAMODDIN |
| 16 | SRI PADMAVATHI MAHILA UNIVERSITY | E-BASED CALORIE AND NUTRITION MEASUREMENT FROM FOOD IMAGE | K.SUREKHA |
| 17 | VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY | SMART MANAGEMENT OF AGRI PRODUCTS IN COLD STORAGES | V.SAI BHARADWAJA |
| 18 | MLR INSTITUTE OF TECHNOLOGY | AIR QUALITY MONITOR | K.LIKHITHA |

GENERAL

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| 19 | MLR INSTITUTE OF TECHNOLOGY | THE MAIN OBJECTIVE OF THE PROJECT IS TO DETECT THE CHANGES IN THE RAILWAY TRACKS LIKE CRACKS IN THE TRACKS, CHANGES IN THE DISTANCE BETWEEN THE TRACKS AND DETECTING THE OBSTACLE ON THE RAILWAY TRACKS | GURRALA.ANJALI |
| 20 | MLR INSTITUTE OF TECHNOLOGY | ADAPTIVE FIRE FIGHTING ROBOT | D.HARSHITHA REDDY |
| 21 | MLR INSTITUTE OF TECHNOLOGY | RECTENNA APPLICATION-WIRELESS MOBILE CHARGER USING ELECTROMAGNETIC POWER | K.BHARGAV |
| 22 | MLR INSTITUTE OF TECHNOLOGY | VIRTUAL WHEEL CHAIR | KALISSETTY SAIKUMAR |
| 23 | MLR INSTITUTE OF TECHNOLOGY | DESIGN AND IMPLEMENTATION OF AUTOMATIC CAR WASHING SYSTEM WITH IR SENSOR USING CONVEYOR BELT ARRANGEMENT | P.TULASI LAKSHMI |
| 24 | MLR INSTITUTE OF TECHNOLOGY | AUTOMIZED FRUIT CUTTER | N.R.SAMUEL PAUEL |
| 25 | MLR INSTITUTE OF TECHNOLOGY | HIDDEN CAMERA DETECTOR | K.SUREKHA |
| 26 | MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY | MILITARY SPY ROBOTIC DOG | MOHAMMED ABDUL MUQEETH |
| 27 | MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY | VOICE CONTROLLED PROSTHETIC ARM FOR PHYSICALLY DISABLED | ARIFA SULTANA |
| 28 | B.V. RAJU INSTITUTE OF TECHNOLOGY | SMART HEALTH CHAIR | SHIVA SARIKA |
| 29 | SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT-CHITTOOR | FINGER PRINT BASED ANTI-THEFT VEHICLE SYSTEM | D ANAND |
| 30 | MATRUSRI ENGINEERING COLLEGE | SENSING VISITOR OUTSIDE THE DOOR & SENDING NOTIFICATION TO THE OWNER | DIVYA.POLA |
| 31 | TKR COLLEGE OF ENGINEERING | IMPROVED IDENTIFICATION OF BRAIN TUMOR USING CANNY BASED EDGE DETECTION AND ENHANCED THRESHOLDING | CH SHWETHA RAO |

| | | | |
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| 32 | VARDHAMAN COLLEGE OF ENGINEERING | VOICE CONTROL ROBOT USING NI | SAMALA SHIVAPRASAD |
| 33 | B.V. RAJU INSTITUTE OF TECHNOLOGY | HAND GESTURES RECOGNITION SYSTEM | N BHARATH RAJ |
| 34 | MLR INSTITUTE OF TECHNOLOGY | VOICE PEN PLOTTER | D.CHARAN SAI |
| 35 | MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY | SOIL MONITORING AND AUTOMATIC IRRIGATION SYSTEM USING INTERNET OF THINGS | ZESHAN ABDUL MAJEED AZMI |

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 2018 (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 **Bhaskar (+91 8792479019)**