

ANVESHANA 2017-18 - KARNATAKA - FINALIST

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 Anveshana programme. 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 Integrated Project Proposal (IPP) 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 comparative themes, execution and learnings. It was a tough job for the screening committee to select 49 projects out of 350+ projects received.

We take this opportunity to wish all the very best to all the finalists. We would urge all the groups who could not succeed to get in to finals to continue the relationship with your mentees and their schools. We wish you all a very great and bright future, and look forward to your participation in such programmes in future also.

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 ***Bangalore in February 2018*** (dates will be announced soon).

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S.N	COLLEGE NAME	PROJECT TITLE	TEAM LEADER NAME
URBAN ISSUES			
1	AGM RURAL COLLEGE OF ENGINEERING & TECHNOLOGY	ELECTROSTATIC PRECIPITATION	VIJAYALAXMI C YATNALLI
2	BEARYS INSTITUTE OF TECHNOLOGY	REGENERATIVE BRAKING SYSTEM	SUMALATHA.R
3	BHARATH UNIVERSITY CHENNAI	HYBRID POWERED BIKE WITH ENERGY	M ANAND
4	BHEEMANNA KHANDRE INSTITUTE OF TECHNOLOGY,BIDAR	SOLAR ENERGY BASED SMART CARS	ARTHI NAIK
5	DAYANANDA SAGAR COLLEGE OF ENGINEERING	NANO ENGINEERED WATER	PUNEETH.S
6	HIRASUGAR INSTITUTE OF TECHNOLOGY, NIDASOSHI	FREE BREEZE HYGIENIC AIRCOOLER	SAVITRI S. HULLANNAVAR
7	M S RAMAIAH INSTITUTE OF TECHNOLOGY,BANGALORE	SOLAR PANEL CLEANING ROBOT	ARYAMAN BANSAL
8	MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING,MANGALORE	WSN WATER POLLUTION MONITORING	RASHNI
9	NAGARJUNA COLLEGE OF ENGINEERING AND TECHNOLOGY,DEVANAHALLI	HYBRID ADSORPTION COOLING	MANOHAR J ACHAR
10	P E S COLLEGE OF ENGINEERING,MANDYA	WIND LENS	JAYASHANKAR M
11	P E S COLLEGE OF ENGINEERING,MANDYA	ADVANCE CONTROL INDUCTION MOTO	SUBRAMANYA Y A
12	SAHRDAYA COLLEGE OF ENGINEERING AND TECHNOLOGY,KERALA	DRIVER EYE	ANJU MANJOORAN
13	SCHOOL OF ENGINEERING AND TECHNOLOGY, JAIN UNIVERSITY, RAMANAGAR	MOVABLE ROAD DIVIDER FOR ORGANIZED VEHICULAR TRAFFIC CONTROL WITH MONITORING OVER INTERNET OF THINGS (IOT)	SASA BOSE
WEALTH FROM WASTE			
14	AKSHAYA INSTITUTE OF TECHNOLOGY	MICROBIAL FUEL CELLS	SUSHMA R
15	AMRUTA INSTITUTE OF ENGINEERING AND MANAGEMENT SCIENCES	USE OF RUBBER AS A AGGREGATES	SHREYANSH V P
16	BASAVESHWAR COLLEGE OF ENGINEERING BAGALKOT	BIOWASTE ACTIVATED CHARACOAL	SUMAN MALAGAR
17	HIRASUGAR INSTITUTE OF TECHNOLOGY, NIDASOSHI	NATURAL COMPOSITE INSULATORS	RAGHAVENDRA G PASTE
18	SIR M . VISVESVARAYA INSTITUTE OF TECHNOLOGY,BANGALORE	DIGESTBIN FOR KITCHEN WASTE	VIKRAM JAMBUNATHAN
19	SRI VENKATESHWARA COLLEGE OF ENGINEERING	SMART AUTOMATED WASTE SEGREGATING DUSTBIN	M.HARIPRIYA
TRADITIONAL KNOWLEDGE & TRADITIONAL SKILLS			
20	ACHARYA INSTITUTE OF TECHNOLOGY	FLEXIBRICKS FOR GREEN BUILDING	RAVIKUMAR S
21	CHANNABASAVESHWARA INSTITUTE OF TECHNOLOGY	DETECTION OF PHOSPHATE USIG	PRAJWAL P KULAKARNI

		MC	
22	SHRI DHARMASTHALA MANJUNATHESHWARA COLLEGE OF ENGINEERING AND TECHNOLOGY,UJIRE	INTERLOCKING MUD BRICKS	PRAJNA C MADANE
23	SHRI DHARMASTHALA MANJUNATHESHWARA COLLEGE OF ENGINEERING AND TECHNOLOGY,UJIRE	ADIHA- PARTNER OF RUBBER FARME	SURAJ V
24	SHRI JAGADGURU BALAGANGADHARANATHA SWAMIJI INSTITUTE OF TECHNOLOGY,KENGERI	PLASTIC BOOTLE BRICKS	HEMANTH GOWDA KB
SPECIFIC PROBLEMS			
25	SRI SAI RAM COLLEGE OF ENGINEERING,ANEKAL	BOREWELL-CHILD RESCUE ROBOT	MONISH
NUTRITION & FOOD			
26	CANARA ENGINEERING COLLEGE,BHANTAWAL,D.K	SEMIAUTOMATED HONEY EXTRACTOR	PRATHITH P S
27	SIR M . VISVESVARAYA INSTITUTE OF TECHNOLOGY,BANGALORE	OMEGA LUTEIN ENRICHED NUTRIEGG	V SANTOSH YADAV
28	SHRI DHARMASTHALA MANJUNATHESHWARA COLLEGE OF ENGINEERING AND TECHNOLOGY,UJIRE	ARECA SPRAY SYSTEM BY DRONE	RANNA P N
FINANCIAL THEME			
29	MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING,MANGALORE	SMART BANK LOCKER SYSTEM	NIVEDANA
GENERAL			
30	JAIN COLLEGE OF ENGINEERING, BELAGAVI	NON INVASIVE GLUCOMETER SALIVA	NITESH PATIL
31	AKSHAYA INSTITUTE OF TECHNOLOGY	FABRICATN OF OIL SKIMMING M/C	MEGHARAJ B R
32	BEARYS INSTITUTE OF TECHNOLOGY	MAGLEV TRAIN AND AUTOMATION	MOHAMMED FAZAL
33	BGS INSTITUTE OF TECHNOLOGY	EMERGENCY FIRST-AID DRONE	KUSHVANTH R
34	BMS COLLEGE OF ENGINEERING	DESIGN OF EMBROIDERY STAND	THIRUMALA S V
35	GIRIJABAI SAIL INSTITUTE OF TECHNOLOGY.MAJALI.KARWAR	ADVANCED CANE FOR BLIND	NIKESH RAIKAR
36	HIRASUGAR INSTITUTE OF TECHNOLOGY, NIDASOSHI	TREE CLIMBING CYCLE	VITTHAL S K-1
37	JAWAHARLAL NEHRU NATIONAL COLLEGE OF ENGINEERING,SHIMOGA	"RAILWAY ACCIDENT CONTROL BY RADAR/PHOTO ELECTRIC TECHNOLOGIES"	SHREYAS B

38	P E S COLLEGE OF ENGINEERING,MANDYA	SMART SPECS FOR DISABLED	MOHAMED ADNAN KHAN
39	P E S COLLEGE OF ENGINEERING,MANDYA	STRENGTH OF LIQUID DIELECTRICS	DARSHAN C P
40	PROUDADEVARAYA INSTITUTE OF TECHNOLOGY,HOSPET	ULTRASONIC NAVIGATION PROJECT	RAHUL CH
41	SAMBHRAM INSTITUTE OF TECHNOLOGY,BANGALORE	LEADING STICK	ATHULYA
42	SHRI DHARMASTHALA MANJUNATHESHWARA COLLEGE OF ENGINEERING AND TECHNOLOGY,DHARWAD	FOG CAMERA VISSION IN VEHICLES	P.DHARANI
43	SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY,TUMKUR	BI MODE SPY COPTER	CHETAN T R
44	SRI JAGADGURU CHANDRASHEKARANATHA SWAMIJI INSTITUTE OF TECHNOLOGY (SJCIT),CHIKKABALLAPURA	AN IOT INTEGRATED TRACK CONNE	GOWTHAMI M.L
45	SRI VENKATESHWARA COLLEGE OF ENGINEERING	SAFETY DEVICE FOR GIRL & WOMEN	PRAJWAL A.N
46	VIDYA VIKAS INSTITUTE OF ENGINEERING & TECHNOLOGY,MYSORE	SMART FUEL GAUGE	SANCHAVI H J
47	VIDYA VIKAS INSTITUTE OF ENGINEERING & TECHNOLOGY,MYSORE	DIGITAL BRAILLE AUDIO LEARNING	GOWTAM S K
48	VIJAYA VITTALA INSTITUTE OF TECHNOLOGY	LOCOMOTIVE HORNING	PRAJWAL ASWIN CUTINHA
49	PESIT BANGALORE SOUTH CAMPUS	SMART BOOK IN RURAL EDUCATION	NIKHIL

Now it's time for you to gear up the mentoring process. If you need any help please contact our local coordinators

a) Bhaskar (+91 8792479019)

Note:

- Please share the video of the project explained the school students by **3rd week of November 2017**(while video recording make sure that all the team members are present along with the working model)
- Review visits will start from **4th week of November 2017**.
- We expect school students to explain the project and 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 **30th Dec 2017** (**word file**- with block diagrams, pictures of the model, photograph of your team with school students and guide etc. to hamsalatha@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 hamsalatha@agastya.org for publishing in “**100 Times Curious**” book which will be unveiled during the event.