Dear Anveshana participant,
Greetings from Agastya International Foundation!

We are happy to inform you that the project synopsis that you sent has made it past the preliminary shortlisting stage, after being examined by a team of expert advisors in Agastya!

What this means is that we sense that there is a potentially excellent learning opportunity for the young learners you may select to associate with this. Your project will make the final shortlist depending on how you/your team can further develop this potential by thinking deeply about it and make a **"Integrated Project Development Proposal"** to be received at Agastya by **15th Oct 2017. (Send the PPT, not more than 6 slides to hamsalatha@agastya.org)**

We have selected 78 projects for the semi-finalist. We will further shortlist the finalist to 45.

The selected 45 projects will be showcased at a competition held in Bangalore, in the month of February 2018. (Dates will be announced soon)

What should the Integrated Plan consist of?

Section 1: Header details: Project executor names, guide names, institution. Add young learners' (school students) names and their school names if you have already identified them

Section 2: Project title and description. In particular please describe exactly what you will bring to the exhibition. (Prototype or a Working Model?)

Section 3: What benefits will be produced by the project? To which target population of users? What is the innovation component in the project, if any? What made you to be convinced that this is an innovation? What kind of innovation is this? Is this performing a task that has not been done before or is it is doing it at a lower cost or with a simpler, more user friendly features or more environmentally friendly manner etc.?

Section 4: Learning potential and how you plan to use this project to contribute to the learning of the young students associated with it. This section should cover, for example, one or more of the following aspects:

4.1 What is the basic scientific/ engineering/ design principle involved in the project?

4.2 Given that the young learners still in school how will you plan to spark curiosity in their minds? [In the past for example project students have taken the young learners through learning sessions(one to one classes), setting them exercises, taking them on field trips, asking them to generate questions on the project as the project progresses etc. What we want to know is what YOUR plan for this is. From Anveshana's overall objectives, we consider this as the most important aspect.

4.3: What is your communication plan? Will the students give a presentation, do a live demonstration, are you planning to make them explain the project to other students visiting the exhibition in a simple young learner friendly manner? May be act out a skit?

4.4: Cost of your Project. (Detailed cost breakup has to be sent)

4.5: Business Plan

5. Timeline of your plan: - Desirable but optional

Your proposal must have these minimum components. It is not the quantity you write but the clarity, quality and innovativeness of your thoughts that go into the proposal that will add to your chances of being selected as an

Anveshana Finalist and be given for a stall in the prestigious annual exhibitions. Make sure that you put in the necessary effort.

Remember, success is 10% inspiration and 90% perspiration.

Good luck with your efforts and make sure you submit your Integrated Proposal before the last date for it that is **15th Oct 2017**
If you have any doubt about the above write us a line or call Hamsa Suresh (+91 9449596367), Suresh (+91 9449596365) Bhaskar (+91 8792479019)

THE SEMI-FINALIST IS AS BELOW

ANVESHANA 2017-18 - KARNATAKA - SEMI-FINALIST			
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	JAWAHARLAL NEHRU NATIONAL COLLEGE OF ENGINEERING,SHIMOGA	SMART AIR POLLUTION CONTROL	KOUSHIK R UDUPA
8	JAWAHARLAL NEHRU NATIONAL COLLEGE OF ENGINEERING,SHIMOGA	MINIWIND MILL POWERPLANT	KOUSHIK R UDUPA
9	M S RAMAIAH INSTITUTE OF TECHNOLOGY,BANGALORE	SOLAR PANEL CLEANING ROBOT	ARYAMAN BANSAL
10	MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING,MANGALORE	WSN WATER POLLUTION MONITORING	RASHNI
11	MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING,MANGALORE	IMPACT OF AIR POLLUTION ON SH	SANA PARVEEN SALAR
12	MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING,MANGALORE	SENSOR DETECTOR STREET LIGHT	NISHA
13	NAGARJUNA COLLEGE OF ENGINEERING AND TECHNOLOGY,DEVANAHALLI	HYBRID ADSORPTION COOLING	MANOHAR J ACHAR

14	NITTE MAHALINGA ADYANTHAYA MEMORIAL INSTITUTE OF TECHNOLOGY,UDIPI	AUTOMATED BUS ROUTE SYSTEM	M R RAHUL
15	P E S COLLEGE OF ENGINEERING,MANDYA	WIND LENS	JAYASHANKAR M
16	P E S COLLEGE OF ENGINEERING,MANDYA	ADVANC CONTROL INDUCTION MOTO	SUBRAMANYA Y A
17	SAHRDAYA COLLEGE OF ENGINEERING AND TECHNOLOGY,KERALA	DRIVER EYE	ANJU MANJOORAN
18	SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT MANGALURU	SOLAR WATER PUMP CONTROL SYS	PAVAN DINESH RANE
19	SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT MANGALURU	ULTIMATE POWER	BASAVARAJESWARI AMBI
20	NDRK INSTITUTE OF TECHNOLOGY,HASAN	STUDY ON WASTE WATER TREATMENT	ARPITHA
21	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
22	SHRI DHARMASTHALA MANJUNATHESHWARA COLLEGE OF ENGINEERING AND TECHNOLOGY,UJIRE	REFRIGERATOR WITH ALERT SYSTEM	RANJITHA Y
23	SRI VENKATESHWARA COLLEGE OF ENGINEERING	HELIANTHUS SMART SOLAR SYSTEM	NEHA
24	VIDYA VIKAS INSTITUTE OF ENGINEERING & TECHNOLOGY,MYSORE	REMOVAL OF WASTE IN WATER	DARSHAN M H
25	YENEPOYA INSTITUTE OF TECHNOLOGY,MANGALORE	SOLAR LED ROAD MARKER	SUBATH MOMIN U
WEALTH FROM WASTE			
26	AKSHAYA INSTITUTE OF TECHNOLOGY	MICROBIAL FUEL CELLS	SUSHMA R
27	AMRUTA INSTITUTE OF ENGINEERING AND MANAGEMENT SCIENCES	USE OF RUBBER AS A AGGREGATES	SHREYANSH V P
28	BASAVESHWAR COLLEGE OF ENGINEERING BAGALKOT	BIOWASTE ACTIVATED CHARACOAL	SUMAN MALAGAR
29	CANARA ENGINEERING COLLEGE,BHANTAWAL,D.K	KITCHEN TOP BIOGAS DIGESTER	KARTHIK N S
30	HIRASUGAR INSTITUTE OF TECHNOLOGY, NIDASOSHI	NATURAL COMPOSITE INSULATORS	RAGHAVENDRA G PASTE
31	SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY,BANGALORE	DIGESTBIN FOR KITCHEN WASTE	VIKRAM JAMBUNATHAN
32	SRI VENKATESHWARA COLLEGE OF ENGINEERING	SMART AUTOMATED WASTE SEGREGATING	M.HARIPRIYA

		DUSTBIN	
33	VIVEKANANDA COLLEGE OF ENGINEERING AND TECHNOLOGY,PUTTUR	RECYCLING OF E-WASTE	SHRAVAN UPADHYAYA
34	REVA UNIVERSITY	BIODIESEL FROM MILKDAIRY WASTE	SANGAMESH PANI
35	VSM INSTITUTE OF TECHNOLOGY, NIPANI	RAPID COMPOST FERTILIZER	NUTAN MANE
FINANCIAL THEME			
36	MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING,MANGALORE	SMART BANK LOCKER SYSTEM	NIVEDANA
37	MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING,MANGALORE	BANKING SYSTEM FOR ILLITERATES	SACHIN S
38	P E S COLLEGE OF ENGINEERING,MANDYA	ATM CRIME PREVENTION	VARUN BHARDWAJ V
39	SCHOOL OF ENGINEERING AND TECHNOLOGY, JAIN UNIVERSITY,RAMANAGAR	A FOREST TREE (SANDAL WOOD TREES) PROTECTION AGAINST SMUGGLERSÂ?? AND MONITORING SYSTEM BASED ON ZIGBEE WIRELESS SENSOR NETWORKS	MONIKA.BV
TRADITIONAL KNOWLEDGE & TRADITIONAL SKILLS			
40	ACHARYA INSTITUTE OF TECHNOLOGY	FLEXIBRICKS FOR GREEN BUILDING	RAVIKUMAR S
41	CHANNABASAVESHWARA INSTITUTE OF TECHNOLOGY	DETECTION OF PHOSPHATE USIG MC	PRAJWAL P KULAKARNI
42	SHRI DHARMASTHALA MANJUNATHESHWARA COLLEGE OF ENGINEERING AND TECHNOLOGY,UJIRE	INTERLOCKING MUD BRICKS	PRAJNA C MADANE
43	SHRI DHARMASTHALA MANJUNATHESHWARA COLLEGE OF ENGINEERING AND TECHNOLOGY,UJIRE	ADIHA- PARTNER OF RUBBER FARME	SURAJ V
44	SHRI JAGADGURU BALAGANGADHARANATHA SWAMIJI INSTITUTE OF TECHNOLOGY,KENGERI	PLASTIC BOOTLE BRICKS	HEMANTH GOWDA KB
SPECIFIC PROBLEMS			
45	GOVERNMENT ENGIEERING COLLEGE,RAMANAGARA	BELLANDUR LAKE TO BIODIVERSITY PARK (BL TO BP)	DRUVA S S
46	SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY,BANGALORE	BIOREMEDIATION BY ALGAE	VIGASINI SUBBIAH

47	SRI SAI RAM COLLEGE OF ENGINEERING,ANEKAL	BOREWELL-CHILD RESCUE ROBOT	MONISH
NUTRITION & FOOD			
48	CANARA ENGINEERING COLLEGE,BHANTAWAL,D.K	SEMI-AUTOMATED HONEY EXTRACTOR	PRATHITH P S
49	SIR M . VISVESVARAYA INSTITUTE OF TECHNOLOGY,BANGALORE	OMEGA LUTEIN ENRICHED NUTRIEGG	V SANTOSH YADAV
50	SHRI DHARMASTHALA MANJUNATHESHWARA COLLEGE OF ENGINEERING AND TECHNOLOGY,UJIRE	ARECA SPRAY SYSTEM BY DRONE	RANNA P N
GENERAL			
51	AKSHAYA INSTITUTE OF TECHNOLOGY	FABRICATION OF OIL SKIMMING M/C	MEGHARAJ B R
52	BEARYS INSTITUTE OF TECHNOLOGY	MAGLEV TRAIN AND AUTOMATION	MOHAMMED FAZAL
53	BGS INSTITUTE OF TECHNOLOGY	EMERGENCY FIRST-AID DRONE	KUSHVANTH R
54	BMS COLLEGE OF ENGINEERING	DESIGN OF EMBROIDERY STAND	THIRUMALA S V
55	GIRIJABAI SAIL INSTITUTE OF TECHNOLOGY.MAJALI.KARWAR	ADVANCED CANE FOR BLIND	NIKESH RAIKAR
56	H.M.S INSTITUTE OF TECHNOLOGY,TUMKUR	SOLAR BASED SMALL UMBRELLA	HALIMA SADIYA
57	HIRASUGAR INSTITUTE OF TECHNOLOGY, NIDASOSHI	TREE CLIMBING CYCLE	VITTHAL S K-1
58	JAIN COLLEGE OF ENGINEERING, BELAGAVI	NON INVASIVE GLUCOMETER SALIVA	NITESH PATIL
59	JAWAHARLAL NEHRU NATIONAL COLLEGE OF ENGINEERING,SHIMOGA	"RAILWAY ACCIDENT CONTROL BY RADAR/PHOTO ELECTRIC TECHNOLOGIES"	SHREYAS B
60	P E S COLLEGE OF ENGINEERING,MANDYA	SMART SPECS FOR DISABLED	MOHAMED ADNAN KHAN
61	P E S COLLEGE OF ENGINEERING,MANDYA	STRENGTH OF LIQUID DIELECTRICS	DARSHAN C P
62	PROUDADEVARAYA INSTITUTE OF TECHNOLOGY,HOSPET	ULTRASONIC NAVIGATION PROJECT	RAHUL CH
63	SAMBHRAM INSTITUTE OF TECHNOLOGY,BANGALORE	LEADING STICK	ATHULYA
64	SHRI DHARMASTHALA MANJUNATHESHWARA COLLEGE OF ENGINEERING AND TECHNOLOGY,DHARWAD	FOG CAMERA VISSION IN VEHICLES	P.DHARANI
65	SHRI DHARMASTHALA MANJUNATHESHWARA COLLEGE OF ENGINEERING AND TECHNOLOGY,DHARWAD	EAR PHONE USING RC COUPLED AMP	SHRUTI
66	SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY,TUMKUR	BI MODE SPY COPTER	CHETAN T R

67	SRI JAGADGURU CHANDRASHEKARANATHA SWAMIJI INSTITUTE OF TECHNOLOGY (SJCIT),CHIKKABALLAPURA	AN IOT INTEGRATED TRACK CONNE	GOWTHAMI M.L
68	SRI VENKATESHWARA COLLEGE OF ENGINEERING	SAFETY DEVICE FOR GIRL & WOMEN	PRAJWAL A.N
69	SRI VENKATESHWARA COLLEGE OF ENGINEERING	WEAPON DETECTOR USING THZ RAD	PREM.L
70	VETARENARY COLLEGE HASSAN	HEALTH MONITORING SYSTEM FOR A	PREETHAM M R
71	VIDYA VIKAS INSTITUTE OF ENGINEERING & TECHNOLOGY,MYSORE	DEAF & DUMB INTERACTIVE WATCH	YATHISH KUMAR A
72	VIDYA VIKAS INSTITUTE OF ENGINEERING & TECHNOLOGY,MYSORE	SMART FUEL GAUGE	SANCHAVI H J
73	VIDYA VIKAS INSTITUTE OF ENGINEERING & TECHNOLOGY,MYSORE	SMART GADGET FOR DUMB,DEAF	MAHADEVASWAMEY K N
74	VIDYA VIKAS INSTITUTE OF ENGINEERING & TECHNOLOGY,MYSORE	DIGITAL BRAILLE AUDIO LEARNING	GOWTAM S K
75	VIDYAVARDHAKA COLLEGE OF ENGINEERING,MYSORE	VOICE CONTROLLED ROBOT	MOHAMMED SALMAN PASHA
76	VIJAYA VITTALA INSTITUTE OF TECHNOLOGY	LOCOMOTIVE HORNING	PRAJWAL ASWIN CUTINHA
77	VIVEKANANDA COLLEGE OF ENGINEERING AND TECHNOLOGY,PUTTUR	SMART SCHOOL VAN SAFETY SYSTEM	SINDURA SARASWATHI
78	PESIT BANGALORE SOUTH CAMPUS	SMART BOOK IN RURAL EDUCATION	NIKHIL