



SYNOPSIS<sup>®</sup>



## **ANVESHANA 2022-23 CHITTOOR REGION 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 2<sup>nd</sup> edition of Chittoor Region 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. **32 projects** have been selected for final competition out of **84** projects registered. It was a tough job for the Jury to select the 32 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 **for the month of January 2023** (dates will be announced soon).

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

**Bhaskar S V +91 8792479019, + 91 9986627027**

**Balaram Regional Manager – 9449596375**

### Anveshana Chittoor Region 2022-23 Selected projects list

SL NO	NAME OF THE ENGINEERING COLLEGE	PROJECT NAME	TEAM LEADER NAME	NAME OF THE PROJECT GUIDE
1	VEMU INSTITUTE OF TECHNOLOGY,P KOTHA KOTA,CHITTOOR	FABRICATION AND EXPERIMENTAL STUDY ON EXPRIMENTAL STUDY ON ABRASIVE JET MACHANING	P.YASWANTH	Dr.NAVEEN KILARI
2	VEMU INSTITUTE OF TECHNOLOGY,P KOTHA KOTA,CHITTOOR	FAULT DETECTION SYSTEM IN 3-PH	C.LAKSHMI GANESH	Prof.VENKATRAO
3	VEMU INSTITUTE OF TECHNOLOGY,P KOTHA KOTA,CHITTOOR	WATER QUALITY BASED ON IOT	A.JEEVAN REDDY	Prof.K NAVEEN
4	VEMU INSTITUTE OF TECHNOLOGY,P KOTHA KOTA,CHITTOOR	SOLAR BASED AUTOMATIC LIGHT HO	B.SATEESH REDDY	Prof.M.MURALI
5	VEMU INSTITUTE OF TECHNOLOGY,P KOTHA KOTA,CHITTOOR	WIRE LESS STREET LIGHT		Prof.BALADORAI KANNAN PIDT
6	MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE (MITS),MADANAPALLE	SMART IRRIGATION SYSTEM	D.HEMANTH	Prof. K.DURGACHARAN
7	MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE (MITS),MADANAPALLE	SMART GLASSES FOR BLIND	YEERAGOLLA HAREESH KUMAR	Prof. K.DURGACHARAN
8	KUPPAM ENGINEERING COLLEGE,KUPPAM	AGRI-METER: ADVANCED TECHNOLOGY FOR WATER MANAGEMENT IN AGRICULTURE	B.GOWTAM	Prof.SANTOSH B PANJAGAL
9	KUPPAM ENGINEERING COLLEGE,KUPPAM	SMART HUNDI:A SYSTEM FOR MONEY MANAGEMENT AT TEMPLES	M NANDA KUMAR	Dr G N KODANDARAMAIAH
10	KUPPAM ENGINEERING COLLEGE,KUPPAM	AUTOMATIC ATTENDANCE REGISTER USING AISYSTEM	N SUBRAMANYAM	Dr. V Sekhar

11	KUPPAM ENGINEERING COLLEGE,KUPPAM	AI BASED SMART EYE FOR HOME SECURITY	CHINTHA ANITHA	Prof. D Siva Kumar
12	KUPPAM ENGINEERING COLLEGE,KUPPAM	IOT BASED SEWAGE DRAINAGE MONITORING AND ALERT SYSTEM	E.S. PRUTHVI RAJ	Prof.RANJITH KUMAR
13	KUPPAM ENGINEERING COLLEGE,KUPPAM	BLUE BOX-SMART RESCUE SYSTEM FOR MINING UNDERGROUND OPERATIONS	GIRAKA LOKESH	Prof.SANTOSH B PANJAGAL
14	KUPPAM ENGINEERING COLLEGE,KUPPAM	REAL-TIME HELMET DETECTION SYSTEM FOR BIKE RIDERS	M. ANANDA BABU	Prof.T SIVA KUMAR
15	MOTHER THERESA INSTITUTE OF TECHNOLOGY,PALAMANER	LANGUAGETRANSLATER USING TKINTER	B.SIVA JYOTHI	Prof. D.SOWJANYA
16	MOTHER THERESA INSTITUTE OF TECHNOLOGY,PALAMANER	INSTITUTE DEPARTMENT WEBSITE	ARIKELA SUMA	Prof. M. MANOJ KUMAR
17	MOTHER THERESA INSTITUTE OF TECHNOLOGY,PALAMANER	DETECTION OF MANIPULATED FACIAL IMAGES	D.SHARAVANI	Dr.P.C. PRABU KUMAR
18	MOTHER THERESA INSTITUTE OF TECHNOLOGY,PALAMANER	REAL TIME IMAGE ANIMATION	J.JAYA PRAKASH	Prof.G.LAVANYA
19	SIDDARTHA INSTITUTE OF SCIENCE AND TECHNOLOGY,PUTTUR	DESIGN AND IMPLEMENT SMART BLIND STICK	V.J.THARUN	Prof. G.RAGHAVENDRA
20	SIDDARTHA INSTITUTE OF SCIENCE AND TECHNOLOGY,PUTTUR	FREE ENERGY MOBILE CHARGER	M.AMRUTHA	Prof.RAMESH

21	SIDDARTHA INSTITUTE OF SCIENCE AND TECHNOLOGY,PUTTUR	VIRTUAL MOUSE	Y.RAMAYA SREE	Prof.K MANJUNATH
22	G PULLAIAH COLLEGE OF ENGINEERING,KARNOOL	THIRD EYE FOR BLIND	SUNIL	Prof.SHEKHAR
23	KUPPAM ENGINEERING COLLEGE,KUPPAM	BATTERY REJUVENATOR: AN HYBRID TECHNIQUE TO INCREASE THE BATTERY LIFE	C H SURYA KIRAN	Prof.SANTOSH B PANJAGAL
24	SRI PADMAVATHI	MELANOMA SKIN CANCER DETECTION	DURGA.U	Prof.K MUNI SANKAR

	MAHILAVISVAIDHYALAYAM,TIRUPATI	USING DEEP CONVOLUTIONAL NEURAL NETWORK		
25	SRI PADMAVATHI MAHILAVISVAIDHYALAYAM,TIRUPATI	A MACHINE LEARNING APPROACH TO DETECT DROWSY DRIVERS IN REAL TIME	K ARCHANA	Prof.K MUNI SANKAR
26	SRI PADMAVATHI MAHILAVISVAIDHYALAYAM,TIRUPATI	DESIGN OF DELAY EFFICIENT HYBRID ADDER FOR HIGH SPEED APPLICATIONS	CHANDRIKA NADELLA	Prof.K MUNI SANKAR
27	VEMU INSTITUTE OF TECHNOLOGY	DEVELOPMENT OF SMART SECURITY	C A NAVANEETHA	Prof.NIRUPAMA
28	P.S.V COLLEGE OF ENGINEERING AND TECHNOLOGY,KRISHAGIRI	IOT BASD TRACK AND REACH THE QUICK MEDICAL EMERGENCY TO THE CRASHED VEHICLE BY USING MEMS SENSOR	PRADEEP S	DR.M.SRINIVASAN
29	KUPPAM ENGINEERING COLLEGE,KUPPAM	DRONE –BASED ANIMAL AND BIRD’S SCARER SYSTEM	A SOMASEKHAR REDDY	Dr S NANDA KISHOR
30	KUPPAM ENGINEERING COLLEGE,KUPPAM	HEALTH BOOK	NAGI REDDY	
31	SIDDARTHA INSTITUTE OF SCIENCE AND TECHNOLOGY,PUTTUR	RAIN SENSING AUTOMATIC CAR WIPER	V.ARIFA TABASUM	Prof.R RAMESH
32	SRI PADMAVATHI MAHILAVISVAIDHYALAYAM,TIRUPATI	LOW POWER HIGHLY RELIABLE WEIGHTED LFSR SEEDS FOR REDUCED INPUT TEST DATA VOLUME	G. BHARGAVI	Prof.K MUNI SANKAR

**Note:**

- Review will start from **1st** week of **December 2022**.
- We expect school students to explain the basic science concepts involved in your project during these Review

**(Feel free to call & clarify your doubts regarding mentoring process Bhaskar S.V 8792479019, 9986627027)**

- We expect working model of your project during the review.
- Send the complete project report by **1<sup>st</sup> Jan. 2023**(word *file* - with block diagrams, pictures of the Model, photo graph of your team with school students and guide Etc. **bhaskarsv.anveshana@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 **bhaskarsv.anveshana@agastya.org** for publishing in “**100 Times Curious**” book which will be unveiled during the event.

**WISH YOU ALL THE BEST**