



SUMATHI REDDY

INSTITUTE OF TECHNOLOGY FOR WOMEN

L e a r n i n g a t i t s b e s t

Affiliated to JNTUH - Approved by AICTE

7.3 Institutional Distinctiveness

7.3.1 Describe/Explain the performance of the institution one area distinctive to its vision, priority and thrust

Response:

New Generation Innovation and Entrepreneurship Development Centre (NewGen IEDC) is the programme launched by National Science and Technology Entrepreneurship Development Board (NSTEDB), Department of Science & Technology (DST), Government of India. NewGen IEDC aims to inculcate the spirit of innovation and entrepreneurship amongst the young students, encourage and support start-up creation through guidance, mentorship and support.

SRITW is one of the 26 institutes selected as center under NewGen IEDC, which got sanctioned by government of INDIA and established on **13/11/2018**. Its mission is to promote knowledge based and technology driven start ups by harnessing young minds and their innovation potential in academic environment. In this Institution, SRITW, NewGen IEDC would create a vibrant entrepreneurial culture amongst the students. NewGen IEDC will strive hard to convert Job-Seekers to Job Generators through the entrepreneurial route.

SRITW is the only women engineering college in Telangana to have NewGen IEDC and receive a grant of 2.8Crores from Department of Science and Technology (DST). Prominent personalities from the industry take sessions with the students on a regular basis to acquaint them with contemporary best practices existing in the industry. Thereby produce globally employable graduates with adequately equipped entrepreneurial skills.

NewGen IEDC-SRITW organizes a series of events like Weekly Innovation Challenge, Project Expo, Start-up Awareness Drive, Tinker Camp, Ideation fest, Ideation fest, Innovision every year to instil the spirit of entrepreneurship among the students.

To empower the younger generation to acclimatize themselves to innovation and entrepreneurship culture, the Department of Science and Technology has initiated a programme called New Generation Innovation and Entrepreneurship Development Centre (NewGen IEDC).

NewGen IEDC aims to inculcate the spirit of innovation and entrepreneurship amongst the young students, encourage and support start-up creation. NewGen IEDCs would be established in academic institutions where students will be encouraged to take up innovative projects with possibility of commercialization.

Objectives of NewGen IEDC:

1. To channelize the knowledge and energy of youth towards becoming active partners in the economic development process.
2. To catalyze and promote development of knowledge-based and innovation-driven enterprises and promote employment opportunities amongst youth, especially students.
3. To inculcate a culture of innovation driven entrepreneurship

Ananthasagar, Hasanparthy, Warangal -506371, Telangana, Website: www.sritw.org

Phone no: 0870-2818302. Email: principal@sritw.org



Rajin

PRINCIPAL

Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (T.S.)



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4. To act as an institutional mechanism for providing various services including information on all aspects of enterprise building to budding entrepreneurs.

Functions of NewGen IEDC:

1. To motivate, support and mentor students for identification, development and commercialization of their innovative ideas.
2. To initiate targeted number of innovative student projects each year for new product development.
3. To organize Business Plan Competitions/Innovation Camps/ Hackathons with active involvement of industry and alumni.
4. To guide and assist prospective entrepreneurs on various aspects such as preparing project reports, obtaining project approvals, loans and facilities from agencies of support system, technologies information, etc.
5. To arrange interaction with entrepreneurs, bankers, professionals, potential customers and create a mentorship scheme for student innovators.
6. To facilitate creation of entrepreneur's club / E-Cells in the college to foster culture of entrepreneurship amongst students.

Salient features of NewGen IEDC:

1. It is a five-year programme to be implemented in an educational institution.
2. A maximum of twenty new projects per Institution would be supported in a year.
3. The projects should be students' projects with a high degree of innovation and commercial viability to lead to possible start-up by students.
4. As far as possible, the projects should be multi-disciplinary in nature and to be executed by teams consisting of students drawn from various levels.

SRITW has produced more than 65 innovative projects, of which 30 products are commercialized and 7 products converted to start-ups. 8 are in progress.



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The details of the performance of the institution in one area distinctive as its vision, priority and trust.

Our institution is providing excellent and quality teaching to our students. Which would help them to shape their own character and career suitable to the development of the nation and that enables them to be self-reliant and to invite and be successful in greater global challenges and enterprise in their own lives. To provide life skills and value-based higher education with sound moral values.

Our Vision is:

To empower women in the field of Science & Technology and transform them as Innovators, Leaders and Entrepreneurs.

Our SUMATHI REDDY College is one of the prime education institutions in the urban area of Warangal with quality education.

Hasanparthy (Warangal) is one of the developed villages in Warangal urban district. It was deprived from the higher education institutions. It was observed keenly by Sri A. Varada Reddy Gaaru, who is a renowned personality in the educational field and hence decided to provide higher education to rural, urban and backward students in female students in particular.

Mission:

1. To create and nurture a unique learning environment for faculty and students by providing state-of-the-art infrastructure.
2. Foster a culture of innovation and entrepreneurial spirit among students and faculty.
3. To promote industry interaction, avenue of research and employment opportunities.

The success of the mission can be measured by means of placements that have been a remarkable part of the institution.

A good number of alumni have become a part of both private and public sectors and reached to a greater height.



Rajan
Principal

Rajan
PRINCIPAL
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Institutional Distinctiveness

Sumathi Reddy Institute of technology for Women was Established 2009

NBA Accredited Programs

B.Tech in Computer Science and Engineering

Electronics and Communication Engineering

Received funds from DST, MSME, IEDC towards Research and Development.

Vibrant Alumni Association which meet periodically to help Alma mater.



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IEDC Year Wise Projects:

Projects of 2019-20	View
Projects of 2020-21	View
Projects of 2021-22	View
Projects of 2022-23	View



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CIRCULAR

Off/SRITW/NewGen IEDC/2022-2023/001

Dt: 09/01/2023

It is hereby informed to all the faculty members that NewGen IEDC is sanctioning funding assistance to innovative ideas & Prototype development. Interested faculty can apply for funding on or before 06/02/2023. Faculty can select students from all branches.

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Copy to

1. All Hood's (ECE & CSE)
2. Administrative Officer
3. NewGen IEDC Cell



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CIRCULAR

Off/SRITW/NewGen IEDC/2022-2023/002

Dt: 6/3/23

The enclosed list of innovative projects is shortlisted for funding under the NewGen IEDC sponsored by DST and NSTEDB implemented by EDH, Ahmedabad.

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Copy to

1. All Hood's (ECE & CSE)
2. Administrative Officer
3. NewGen IEDC Cell



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LIST OF SHORTLISTED PROJECT (2022-2023)

S. No.	Idea/Project Name	Mentors	Students Involved	H. T. No.	Amount Sanctioned
1	Coconut De-husking Apparatus	Dr. I. Rajasri Reddy Prof., H&Sc	Alli. Sreeja	216Y1A0504	2,10,000/-
			Bandi. Kalyani	216Y1A0513	
			Ayesha Tabassum	226Y1A0511	
			Abusi. Sahitya	226Y1A5010	
2	Agriculture Machine for Shredding of Harvested Crops	Dr.E.Sudarshan, Asst Prof, CSE	Abbu. Arpitha	216Y1A6201	2,40,000/-
			Syeda Simra Konain	216Y1A6755	
			Ambala. Manirtana	226Y1A0611	
			Dudam. Vithurwa	226Y1A0653	
3	Electrical Insulators Designed By Polymer Wastage	M. Sruthi, Asst. Prof., CSE	Terala. Gouthami	216Y1A6756	2,90,000/-
			Valabhoju. Srija	216Y1A66B1	
			Jogu. Harini	216Y1A0554	
			Polasani.Sushmitha	216Y1A6251	
			Ankar. Varsha	226Y1A0613	
			Edla. Rani	226Y1A0656	
4	Smart Shopping Cart	M. Ranjith Kumar, Asst. Prof., CSE	Banoth. Abhigna	216Y1A0514	2,00,000/-
			Choppadandi. Sreeja	216Y1A0531	
			Bethi. Sahitya	226Y1A0625	
			M. Jyothirmai	226Y1A0582	
5	Full Body Testing Using Electronic Device	J. Vedika, Asst. Prof., CSE	Dugyala. Akanksha	216Y1A6214	2,50,000/-
			Thatikonda. Nikhitha	216Y1A6757	
			B. Theekshna	226Y1A0513	
			Bandari. Mallika	226Y1A0620	
6	Maize Stalk Biodegradable Disposals	V. Pranathi, Asst. Prof., CSE	Thota. Namitha	216Y1A6758	2,80,000/-
			Vanga. Vyshnavi	216Y1A66B3	
			Markala. Namratha	216Y1A6659	
			M. Ramya	226Y1A0579	
			Dasari. Akshaya	226Y1A0645	
7	Metal Magnetic Absorption Climber	M. Ranjith Kumar, Asst. Prof., CSE	Thalla. Namitha	216Y1A05B2	3,70,000/-
			Thalath Fathima	216Y1A05B1	
			Gaddam. Sankeerthana	226Y1A0660	
			B. Deepanvi	226Y1A0519	



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8	Automatic Car Jack	K. Ravikiran, Asst. Prof., ECE	Madadi. Shivani Reddy	216Y1A0566	2,60,000/-
			Bommineni. Harshitha	216Y1A6612	
			Bandi. Sanjana	216Y1A6208	
			N. Madhavi	226Y1A0586	
			Dasu. Shivani	226Y1A0647	
9	Fitness Based Washing Machine	N. Govardhan, Asst. Prof., ECE	Bodakuntla. Bhavana	216Y1A6211	1,70,000/-
			Vaidyula. Charishma	216Y1A6759	
			Cheri. Pranitha	226Y1A0637	
			Rida Fathima	226Y1A05A8	
10	Solar Portable Traffic Signal	Dr. M. Gopal, Asst. Prof., ECE	Venishetti. Pranitha	216Y1A6760	2,30,000/-
			Uppula. Sushmitha	216Y1A66A8	
			Yathipathi. Amulya	226Y5A0513	
			Rizwana	226Y1A05A9	
11	Bio pots Made With Groundnut Shell	Raghavakumari Devi, Asst. Prof., ECE	Bathini. Sarika	216Y1A0515	2,30,000/-
			Mandiga. Rajini	216Y1A0572	
			Singathi. Sharada	216Y1A6241	
			B. Hemapriya	226Y1A0516	
12	Eco-friendly Cardboard Furniture	B. Prashanth, Asst. Prof., CSE	Balle. Rohitha	226Y1A0618	2,80,000/-
			S. Pallavi	226Y1A05B3	
			Akuthota. Ramya	216Y1A6604	
			P. Sripadha Srinidhi	216Y1A6234	
13	Supply Chain Management Solutions	M.Ruchinadhan, Asst. Prof., CSE	Chintha. Sreeja	226Y1A0642	1,30,000/-
			B. Nikhitha	226Y1A0514	
			Suddala. Shushma	216Y1A6699	
			Vennela. Kadipikonda	216Y1A6761	
14	Farmer Kart	M. Ranjith Kumar, Asst. Prof., CSE	Dharamsoth. Manjula	216Y1A0535	2,50,000/-
			Mamidala. Pooja	216Y1A0569	
			Bojja. Archana	226Y1A0628	
			T. Poojitha	226Y1A05B9	
15	Smart Water Bottle	V. Srinivas, Asst. Prof., CSE	Venishetti. Pranitha	216Y1A6760	2,00,000/-
			Ramagiri. Lakshmi Chandana	216Y1A6679	
			Husna Jabeen	226Y1A0548	
			Gorla. Pravalika	226Y1A0665	
16	Apparatus Rain sensor	Dr. E. Raju, Asst. Prof., CSE	Kerla. Vidya	216Y1A6646	3,70,000/-
			Nagekar. Akshaya	216Y1A6232	
			Golla. Ushasri	226Y1A0664	
			J. Hasini	226Y1A0551	



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17	Cute Fit	M. Anitha, Asst. Prof., CSE	Dirshanapu. Lasyapriya	216Y1A0536	2,60,000/-
			Modem. Akshaya	216Y1A0575	
			V. Sangeetha	226Y1A05C7	
			Dodla. Anupriya	226Y1A0648	
18	Gesture Recognition System	P. Prathyusha Reddy, Asst. Prof., CSE	Chidra. Sreenija	226Y1A0638	2,80,000/-
			Haniya Kulsum	216Y1A0551	
			Suram. Sharada	216Y1A6243	
			Yedla. Sneha	216Y1A6763	



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LIST OF REJECTED PROJECTS (2022-2023)

S. No.	Idea/Project Name	Mentors	Students Involved	H. T. No.	Amount Sanctioned
1	Crop Yield Prediction And Efficient Use of Fertilizers	M. Swetha, Asst. Prof., CSE	Vadala Niharika	206Y1A6650	2,40,000/-
			G. Neha	216Y1A6631	
			K. Nikhitha	216Y1A0446	
			Tejasree Samala	216Y1A6692	
2	Effective Heart Disease Prediction Using Hybrid Machine Learning Techniques	T. Sravanthi, Asst. Prof., CSE	Gogula Sowmya	216Y5A6701	2,10,000/-
			Seelam Nandhini	206Y1A6720	
			Devatha Rishitha	206Y1A6615	
			Sumera Gouhar	196Y1A0485	
3	Prediction Lung-Cancer-In Machine Learning Perspective	K. Ranganath, Asst. Prof., CSE	Kavya Sri	216Y5A6603	2,50,000/-
			Keerthika Ravula	216Y1A0593	
			Kancharla Siri	216Y1A6719	
			P.Sankeerthana	216Y1A6671	
			Mamidala Pooja	216Y1A0569	
Chinnala Sony	216Y1A6615				
4	Traffic Prediction for Intelligent Transportation System	S. Vishali, Asst. Prof., CSE	A. Laxmi Prasanna	216Y1A6704	2,80,000/-
			Kawade. Jyothi	206Y1A0541	
			L Vanditha Reddy	206Y1A0556	
			Vyshnavi.Gudem	216Y5A0504	
5	Facial Emotion Based Music Recommendation System	V. Sushmalatha, Asst. Prof., CSE	Agurla Amulya	216Y1A6205	2,90,000/-
			Gourishetty Keerthika	206Y1A0531	
			Gampa Sakruthi	216Y1A6626	
			Sravva Salendra	206Y1A0587	



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6	Driver Drowsiness Alert Detection	R. Shashikumar Reddy, Asst. Prof., ECE	Poshala Supriya	216Y1A0472	2,00,000/-
			G. Lakshmi Prasanna	206Y1A0528	
			Ankathi Swathi	206Y1A6602	
			Joshnavi	216Y1A0480	
			Y. Pooja	206Y5A0227	
7	Blood Group Detection Using Deep Learning	P. Sucharitha, Asst. Prof., ECE	Ashna Aroosa	206Y1A6703	1,70,000/-
			Bommagani Bhavani	206Y1A6606	
			Uppula.Yashasri	216Y1A6245	
			Boga Bhavishya	216Y1A0518	



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8	Facial Emotions Recognition System	D. Koteswar Rao, Asst. Prof., ECE	Romana Tafheem	196Y1A0586	2,30,000/-
			Gudimalla Pravalika	216Y5A0505	
			Huzaiifa Gaznam	206Y1A0424	
			Keesari Shalini	216Y1A6221	
			Sahana. G	206Y1A6621	
9	Rainfall Prediction System	Ch. Padmaja, Asst. Prof., ECE	Kothapalli Sreeja	216Y1A0565	3,70,000/-
			Burla Harika	206Y1A0414	
			Lingala Varshasri	216Y1A0449	
			Palle Shivani	216Y1A0468	
10	Research On Information Security Evaluation Based On Artificial Neural Network	Y. Sharvani, Asst. Prof., ECE	Shushma Suddala	216Y1A6699	2,60,000/-
			Emmadi Sathwika	206Y1A0418	
			Navya Kashaboina	216Y1A6722	
			Junnuthula Vidhya Reddy	216Y1A0555	



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PROJECT PROPOSAL FORM

To
The Principal
Sumathi Reddy Institute of technology for Women,
Ananthasagar, Warangal.

Dt: 12/10/2023

Title of the Project: Coconut De-husking Apparatus

Duration of the Project: 2022-2023

Name of the Department: H&SC

Principal Investigator: Dr. I. Rajasri Reddy, Prof.

Co-Principal Investigator(s):

Sl.NO	I.T.No.	Full Name
1	216Y1A0504	Alli. Sreeja
2	216Y1A0513	Bandi. Kalyani
3	226Y1A0511	Ayesha Tabassum
4	226Y1A5010	Abusi. Sahitya

Project Estimation: 2,10,000/- (In Lakhs)

Rajai
Signature of PI

(Approved/Not approved)

Committee

1. Dr. E. Sudarshan [Signature]
2. Dr. N. Srivani [Signature]
3. Dr. M. Gopal [Signature]
4. Mr. M. RanjithKumar [Signature]

An amount of 2,10,000/- has been sanctioned

Rajai
Principal

Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (TS)





Project -01: Coconut De-husking Apparatus

1. **Mentor Name:** Dr. I. Rajasri Reddy

2. **Student Team Names:**

Sl.No	Hall Ticket NO	Student Name
1.	216Y1A0504	Alli. Sreeja
2.	216Y1A0513	Bandi. Kalyani
3.	226Y1A0511	Ayesha Tabassum
4.	226Y1A5010	Abusi. Sahitya

3. **Project Description:** Husking of coconut is among the most-difficult post-harvest operations relevant to coconut. Traditionally the entire husking is done manually using either a machete or a crowbar, and it involves much human drudgery, skill, training, and endurance. There are lots of machines invented all over the world to mechanize this operation, but only a few of them are available in market, sadly some of them have vanished from the market and the rest have not reached the market yet due to many reasons. So a study was conducted about the various coconut husking machines which were made so far stating what are advantages and disadvantages of them, the study included both the manually and mechanized versions of husking mechanisms

4. **Project status at the beginning of the Year:**

- Working model

5. **Interventions made:**

-

6. **Current status:**

- Prototype developed

7. **High-resolution pictures showing the Prototype/product along with the students and their mentor for each project:**



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PROJECT PROPOSAL FORM

Dt: 13/01/2023

To
The Principal
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Title of the Project: Agriculture Machine for shredding
of Harvested Crops

Duration of the Project: 2022 - 2023

Name of the Department: CSE

Principal Investigator: Dr. E. Sudarshan, Asst Prof:

Co-Principal Investigator(s):

SL.NO	H.T.No.	Full Name
1	216Y1A6201	Abbu. Arpitha
2	216Y1A6755	Syeda Simra Konain
3	226Y1A0611	Ambala. Manirtana
4	226Y1A0653	Dudam. Vithurwa

Project Estimation: 2,140,000/- (In Lakhs)

Signature of PI

(Approved/Not approved)

Committee

1. Dr. E. Sudarshan
2. Dr. N. Srivani
3. Dr. M. Gopal
4. Mr. M. RanjithKumar

An amount of 2,140,000 has been sanctioned

Rajin
Principal



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Project -02: Agriculture Machine for Shredding of Harvested Crops

1. Mentor Name: Dr. E. Sudarshan
2. Student Team Names:

Sl.No	Hall Ticket NO	Student Name
1.	216Y1A6201	Abbu. Arpitha
2.	216Y1A6755	Syeda Simra Konain
3.	226Y1A0611	Ambala. Manirtana
4.	226Y1A0653	Dudam. Vithurwa

3. **Project Description:** Harvested crops removing is difficult task for farmers, it is time consuming process, which leads to late crop. To addressing this problem we are developed a shredding machine, which removes the harvested crop wastage in fast manner.
4. **Project status at the beginning of the Year:**
 - Idea generated
5. **Interventions made:**
 -
6. **Current status:**
 - Prototype developed
7. **High-resolution pictures showing the Prototype/product along with the students and their mentor for each project:**



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PROJECT PROPOSAL FORM

Dt: 16/11/2023

To
The Principal
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Title of the Project: Electrical Insulators Designed By
Polymer Wastage

Duration of the Project: 2022-2023

Name of the Department: CSE

Principal Investigator: M. Gouthi, Asst Prof.

Co-Principal Investigator(s):

S.NO	H.T.No	Full Name
1.	216Y1A6756	Terala. Gouthami
2.	216Y1A66B1	Valabhoju. Srija
3.	216Y1A0554	Jogu. Harini
4.	216Y1A6251	Polasani.Sushmitha
5.	226Y1A0613	Ankar. Varsha
6.	226Y1A0656	Edla. Rani

Project Estimation: 2,90,000/- (In Lakhs)

M.G.
Signature of PI

(Approved/Not approved)

Committee

1. Dr. E. Sudarshan [Signature]
2. Dr. N. Srivani [Signature]
3. Dr. M. Gopal [Signature]
4. Mr. M. RanjithKumar [Signature]

An amount of 2,90,000 has been sanctioned

Rajini
Principal



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WARANGAL - 506 371 (TS)





Project -03: Electrical Insulators Designed By Polymer Wastage

1. **Mentor Name** : M. Sruthi

2. **Student Team Names:**

Sl.No	Hall Ticket NO	Student Name
1.	216Y1A6756	Terala. Gouthami
2.	216Y1A66B1	Valabhoju. Srija
3.	216Y1A0554	Jogu. Harini
4.	216Y1A6251	Polasani.Sushmitha
5.	226Y1A0613	Ankar. Varsha
6.	226Y1A0656	Edla. Rani

3. **Project Description:** Polymer waste is converted into useful product, Flexibility of the product, Electrical insulators with different compositions and Eco-friendly product. The product is safer in comparison to other insulation materials as it has increased the resistance capacity by 1.5 Volts.

4. **Project status at the beginning of the Year:**

- Idea generated

5. **Interventions made:**

-

6. **Current status:**

- Prototype developed

7. **High-resolution pictures showing the Prototype/product along with the students and their mentor for each project:**



Rajini
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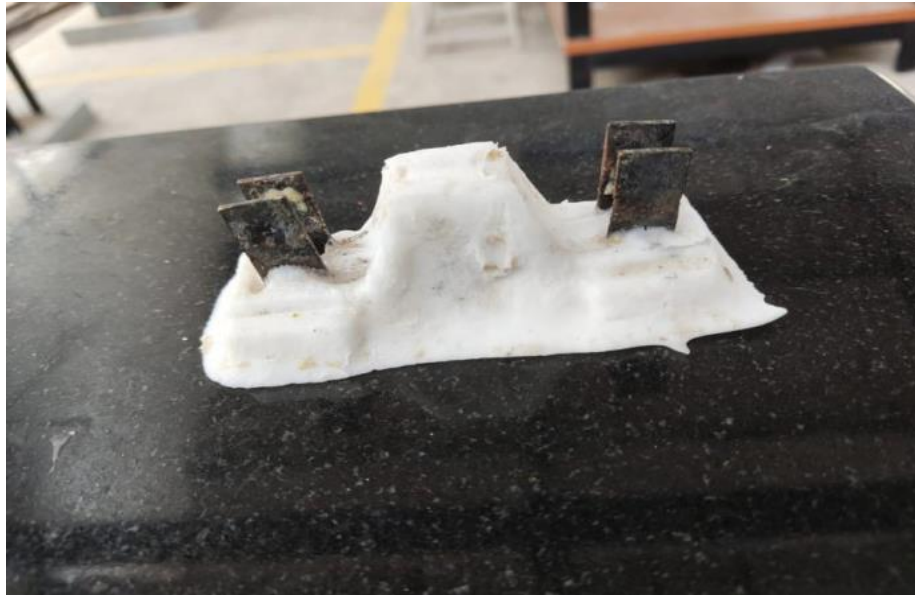


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Rejini

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PROJECT PROPOSAL FORM

Dt: 17/10/2023

To
The Principal
Sumathi Reddy Institute of technology for Women,
Ananthasagar, Warangal.

Title of the Project: Smart shippingcart

Duration of the Project: 2022 - 2023

Name of the Department: CSE

Principal Investigator: M. Ranjithkumar, Asst Prof:

Co-Principal Investigator(s):

SLNO	H.T.No.	Full Name
1	216Y1A0514	Banoth. Abhigna
2	216Y1A0531	Choppadandi. Sreeja
3	226Y1A0625	Bethi. Sahitya
4	226Y1A0582	M. Jyothirmai

Project Estimation: 2,100,000/- (In Lakhs)


Signature of PI

(Approved/Not approved)

Committee

1. Dr. E. Sudarshan 
2. Dr. N. Srivani 
3. Dr. M. Gopal 
4. Mr. M. RanjithKumar 

Amount of 2,100,000 has been sanctioned


Principal
Sumathi Reddy Institute of Technology for Women
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WARANGAL - 506 371 (TS)





Project -04: Smart Shopping Cart

1. **Mentor Name:** M. Ranjith Kumar

2. **Student Team Names:**

Sl.No	Hall Ticket NO	Student Name
1.	216Y1A0514	Banoth. Abhigna
2.	216Y1A0531	Choppadandi. Sreeja
3.	226Y1A0625	Bethi. Sahitya
4.	226Y1A0582	M. Jyothirmai

3. **Project Description:** This idea can be used for the customers arriving at hypermarkets. The system is designed to track objects by spinning left and right to keep the object in sight and driving forward and backward to maintain a constant distance between the system and the object. This system is also implemented with automatic billing using RFID readers and tags.

4. **Project status at the beginning of the Year:**

- Working model developed

5. **Interventions made:**

-

6. **Current status:**

- Prototype developed

7. **High-resolution pictures showing the Prototype/product along with the students and their mentor for each project:**



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PROJECT PROPOSAL FORM

To
The Principal
Sumathi Reddy Institute of technology for Women,
Ananthasagar, Warangal.

Dt: 20/01/2023

Title of the Project: Full Body Testing using Electronic Device

Duration of the Project: 2022-2023

Name of the Department: CSE

Principal Investigator: J. Vedika, Asst Prof:

Co-Principal Investigator(s):

Sl.NO	H.T.No.	Full Name
1	216Y1A6214	Dugyala, Akanksha
2	216Y1A6757	Thatikonda, Nikhitha
3	226Y1A0513	B. Theekshna
4	226Y1A0620	Bandari, Mallika

Project Estimation: 2,50,000/- (In Lakhs)


Signature of PI

(Approved/Not approved)

Committee

1. Dr. E. Sudarshan 
2. Dr. N. Srivani 
3. Dr. M. Gopal 
4. Mr. M. RanjithKumar 

An amount of 2,50,000 has been sanctioned


Principal



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Project -05: Full Body Testing Using Electronic Device

1. Mentor Name: J. Vedika

2. Student Team Names:

Sl.No	Hall Ticket NO	Student Name
1.	216Y1A6214	Dugyala. Akanksha
2.	216Y1A6757	Thatikonda. Nikhitha
3.	226Y1A0513	B. Theekshna
4.	226Y1A0620	Bandari. Mallika

3. **Project Description:** It is highly acclaimed by the clients for a complete analysis of the body organs in accordance with the height and other parameters. Theoretically based on medicine, this health device utilizes the advanced electronic equipment to collect the weak magnetic field of human cells for scientific analysis. Then on the basis of this analysis, the tester can get the health status of the tested person and make diagnosis.

4. **Project status at the beginning of the Year:**

- Idea generated

5. **Interventions made:**

-

6. **Current status:**

- Prototyped under development

7. **High-resolution pictures showing the Prototype/product along with the students and their mentor for each project:**



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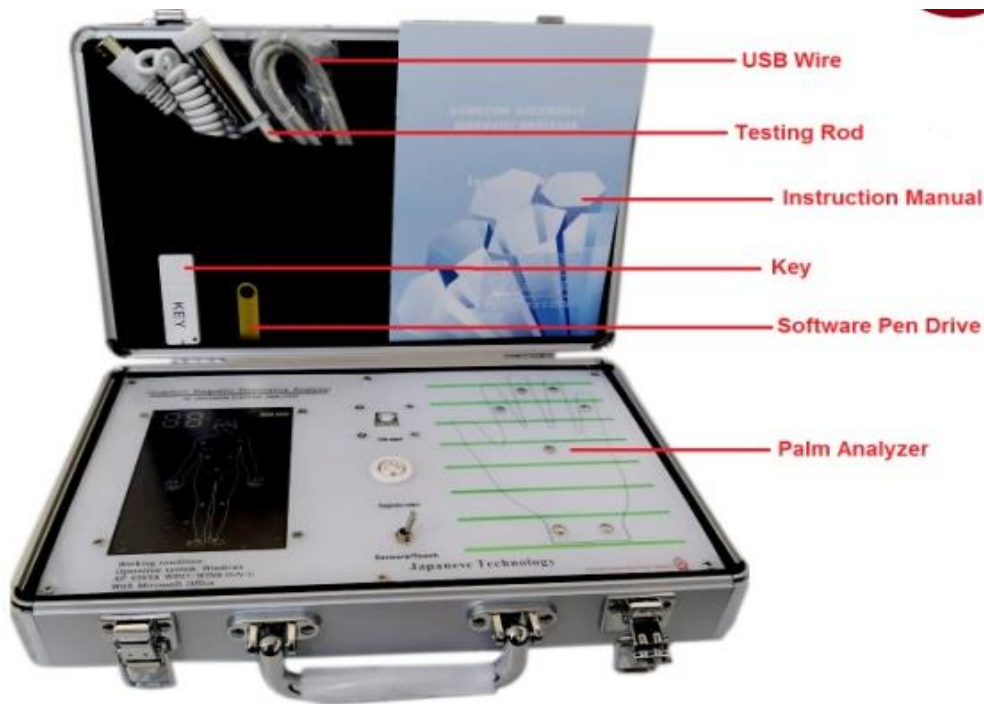


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Rajani

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PROJECT PROPOSAL FORM

Dt: 21/01/2023

To
The Principal
Sumathi Reddy Institute of technology for Women,
Ananthasagar, Warangal.

Title of the Project: Maize stalk Biodegradable Disposals

Duration of the Project: 2022 - 2023

Name of the Department: CSE

Principal Investigator: V. Poanathi, Asst Prof:

Co-Principal Investigator(s):

Sl.NO	H.T.No.	Full Name
1	216Y1A6758	Thota, Namitha
2	216Y1A66B3	Vanga, Vyshnavi
3	216Y1A6659	Markala, Namratha
4	226Y1A0579	M. Ramya
5	226Y1A0645	Dasari, Akshaya

Project Estimation: 2,180,000 /- (In Lakhs)

Poanath
Signature of PI

(Approved/Not approved) ✓

Committee

1. Dr. E. Sudarshan [Signature]
2. Dr. N. Srivani [Signature]
3. Dr. M. Gopal [Signature]
4. Mr. M. RanjithKumar [Signature]

AN amount of 2,180,000 has been sanctioned

Rajini
Principal



Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (TS)





Project -06: Maize Stalk Biodegradable Disposals

1. Mentor Name: V. Pranathi

2. Student Team Names:

Sl.No	Hall Ticket NO	Student Name
1.	216Y1A6758	Thota. Namitha
2.	216Y1A66B3	Vanga. Vyshnavi
3.	216Y1A6659	Markala. Namratha
4.	226Y1A0579	M. Ramya
5.	226Y1A0645	Dasari. Akshaya

3. **Project Description:** The use of plastic in various forms has led to increase in soil pollution as well as causing an harm the cattle grazing in such areas. Though many new concepts and ideas have been developed by may innovators to replace plastic nothing has been materialized to totally eradicate the issue. The disposal of plastic table ware in to open lands after use is the main cause for pollution which can be minimized by making productive use of waste materials like sugarcane pulp and corn stalk.

4. **Project status at the beginning of the Year:**

- Idea developed

5. **Interventions made:**

-

6. **Current status:**

- Prototype developed

7. **High-resolution pictures showing the Prototype/product along with the students and their mentor for each project:**



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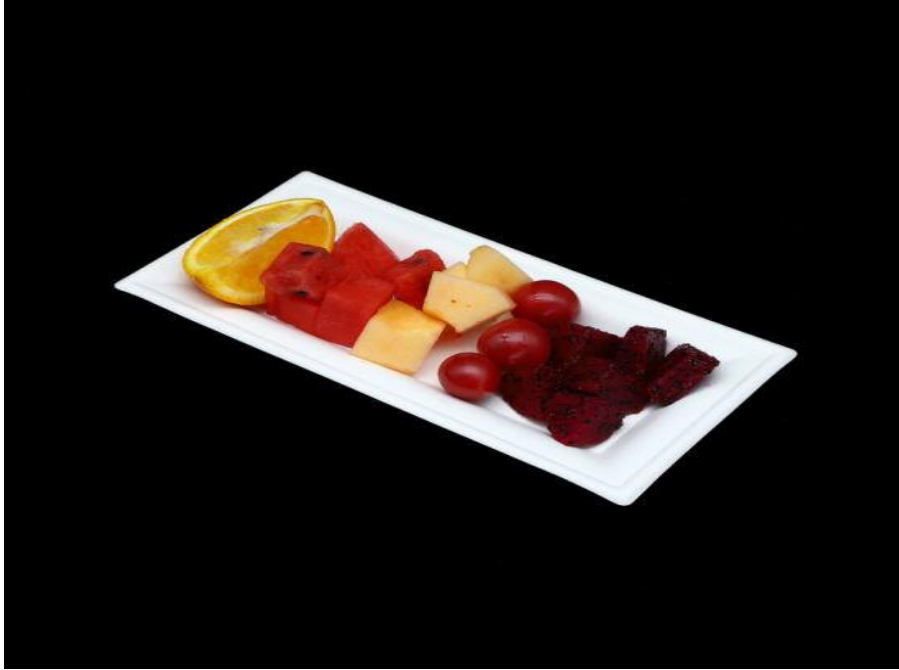


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PROJECT PROPOSAL FORM

Dt: 22/01/2023

To
The Principal
Sumathi Reddy Institute of technology for Women,
Ananthasagar, Warangal.

Title of the Project: Metal Magnetic Absorption climber

Duration of the Project: 2022-2023

Name of the Department: CSE

Principal Investigator: M. Ranjith Kumar, Asst Prof:

Co-Principal Investigator(s):




SLNO	H.T.No.	Full Name
1	216Y1A05B2	Thalla, Namitha
2	216Y1A05B1	Thalath Fathima
3	226Y1A0660	Gaddam, Sankeerthana
4	226Y1A0519	B. Deepanvi

Project Estimation: 3,70,000/- (In Lakhs)


Signature of PI

(Approved/Not approved) ✓

Committee

1. Dr. E. Sudarshan 
2. Dr. N. Srivani 
3. Dr. M. Gopal 
4. Mr. M. RanjithKumar 

An amount of 3,70,000/- has been sanctioned


Principal

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Project -07: Metal Magnetic Absorption Climber

1. Mentor Name: M. Ranjith Kumar

2. Student Team Names:

Sl.No	Hall Ticket NO	Student Name
1.	216Y1A05B2	Thalla. Namitha
2.	216Y1A05B1	Thalath Fathima
3.	226Y1A0660	Gaddam. Sankeerthana
4.	226Y1A0519	B. Deepanvi

3. **Project Description:** The components of a magnetic climbing system are a pair of shoes and handholds. To efficiently climb magnetic/metallic surfaces, a magnetic climbing mechanism is employed. Access to more objects is possible thanks to the system. Divers entering from the water may use this. The sides of the ship, for example, can be accessed from any location and at any height of shoe structures, which can be advantageous strategically.

4. **Project status at the beginning of the Year:**

- Idea generated

5. **Interventions made:**

-

6. **Current status:**

- Prototype developed

High-resolution pictures showing the Prototype/product along with the students and their mentor for each project:



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PROJECT PROPOSAL FORM

To
The Principal
Sumathi Reddy Institute of technology for Women,
Ananthasagar, Warangal.

Dt: 23/01/2023

Title of the Project: Automatic CarJack

Duration of the Project: 2022 - 2023

Name of the Department: ECE

Principal Investigator: K. Ravikiran, Asst Prof.

Co-Principal Investigator(s):

Sl.NO	I.T.No.	Full Name
1	216Y1A0566	Madadi. Shivani Reddy
2	216Y1A6612	Bommineni. Harshitha
3	216Y1A6208	Bandi. Sanjana
4	226Y1A0586	N. Madhavi
5	226Y1A0647	Dasu. Shivani

Project Estimation: 2,60,000/- (In Lakhs)

Rajin
Signature of PI

(Approved/Not approved)

Committee

1. Dr. E. Sudarshan ES
2. Dr. N. Srivani NS
3. Dr. M. Gopal MG
4. Mr. M. RanjithKumar RK

An amount of 2,60,000 has been sanctioned

Rajin
Principal



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Project -08: Automatic Car Jack

1. Mentor Name: K. Ravi Kiran

2. Student Team Names:

Sl.No	Hall Ticket NO	Student Name
1.	216Y1A0566	Madadi. Shivani Reddy
2.	216Y1A6612	Bommineni. Harshitha
3.	216Y1A6208	Bandi. Sanjana
4.	226Y1A0586	N. Madhavi
5.	226Y1A0647	Dasu. Shivani

3. **Project Description:** The primary jacking tool on frame racks, alignment devices, and in all sorts of repair facilities is a pneumatic lift jack. They are practically maintenance-free and really quick! One of the most helpful items in any body shop is the lifts. Simply said, this is the most straightforward and efficient method of mounting pinch-weld clamps on the frame machine.

4. **Project status at the beginning of the Year:**

- Idea generated

5. **Interventions made:**

-

6. **Current status:**

- Prototype developed

7. **High-resolution pictures showing the Prototype/product along with the students and their mentor for each project:**



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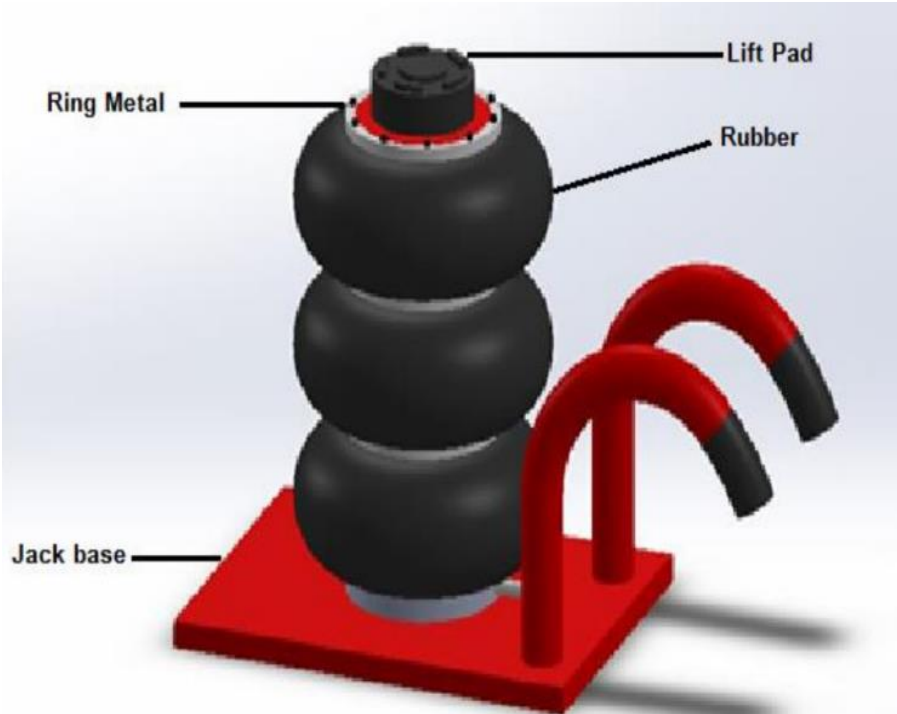


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PROJECT PROPOSAL FORM

Di: 24/10/2023

To
The Principal
Sumathi Reddy Institute of technology for Women,
Ananthasgar, Warangal.

Title of the Project: Fitness Based Washing Machine

Duration of the Project: 2022-2023

Name of the Department: ECE

Principal Investigator: N. Govardan, Asst Prof:

Co-Principal Investigator(s):

SL.NO	I.T.No.	Full Name
1	216Y1A6211	Bodakuntla. Bhavana
2	216Y1A6759	Vaidyula. Charishma
3	226Y1A0637	Cheri. Pranitha
4	226Y1A05A8	Rida Fathima

Project Estimation: 1,70,000/- (In Lakhs)


Signature of PI

(Approved/Not approved)

Committee

1. Dr. E. Sudarshan 
2. Dr. N. Srivani 
3. Dr. M. Gopal 
4. Mr. M. RanjithKumar 

An amount of 1,70,000/- has been sanctioned


Principal

Sumathi Reddy Institute of Technology for Women
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WARANGAL - 506 371 (TS)





Project -09: Fitness Based Washing Machine

1. **Mentor Name:** N. Govardhan

2. **Student Team Names:**

Sl.No	Hall Ticket NO	Student Name
1.	216Y1A6211	Bodakuntla. Bhavana
2.	216Y1A6759	Vaidyula. Charishma
3.	226Y1A0637	Cheri. Pranitha
4.	226Y1A05A8	Rida Fathima

3. **Project Description:** The machine uses abs machine for washing clothes. Moreover, you can also get your clothes dry with the same procedure. Homemakers have less time to exercise to stay in shape. On the other hand, if they are under stress about being fit, they will likely neglect some housework. If you're one of those people who struggle to juggle both tasks, there's a new innovation that could help you stay fit while doing laundry. You can't let this important household task slip by without washing your garments.

4. **Project status at the beginning of the Year:**

- Working model designed

5. **Interventions made:**

-

6. **Current status:**

- Product developed

7. **High-resolution pictures showing the Prototype/product along with the students and their mentor for each project:**



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Ananthasagar, Hasanparthy, Warangal - 506371, Telangana. Website: www.sritw.org
Phone no: 0870-2818302. Email: principal@sritw.org





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PROJECT PROPOSAL FORM

To
The Principal
Sumathi Reddy Institute of technology for Women,
Ananthasagar, Warangal.

Dt: 25/10/2023

Title of the Project: Solar Postable Traffic Signal

Duration of the Project: 2022-2023

Name of the Department: ECF

Principal Investigator: Dr. M. Gopal, Asst Prof:

Co-Principal Investigator(s):

Sl.NO	I.T.No.	Full Name
1	216Y1A6760	Venishetti, Pranitha
2	216Y1A66A8	Uppula, Sushmitha
3	226Y5A0513	Yathipathi, Amulya
4	226Y1A05A9	Rizwana

Project Estimation: 2,30,000/- (In Lakhs)

[Signature]
Signature of PI

(Approved/Not approved)

Committee

1. Dr. E. Sudarshan [Signature]

2. Dr. N. Srivani [Signature]

3. Dr. M. Gopal [Signature]

4. Mr. M. RanjithKumar [Signature]

An amount of 2,30,000/- has been sanctioned

[Signature]
Principal

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WARANGAL - 506 371 (TS)





Project -10: Solar Portable Traffic Signal

1. **Mentor Name:** Dr. M. Gopal

2. **Student Team Names:**

Sl.No	Hall Ticket NO	Student Name
1.	216Y1A6760	Venishetti. Pranitha
2.	216Y1A66A8	Uppula. Sushmitha
3.	226Y5A0513	Yathipathi. Amulya
4.	226Y1A05A9	Rizwana

3. **Project Description:** Solar portable traffic signals allow you to effectively manage traffic. Whether you need emergency backup, one lane work zones, Bridge repair or special events these traffic control systems are portable and reliable are available Daily and long term rentals are available .Portable traffic signals are most often used at shuttle working sites i.e., sites where the width of the road is restricted so that traffic can only pass in one direction at a time.

4. **Project status at the beginning of the Year:**

- Idea generated

5. **Interventions made:**

-

6. **Current status:**

- Product developed

7. **High-resolution pictures showing the Prototype/product along with the students and their mentor for each project:**



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PROJECT PROPOSAL FORM

To
The Principal
Sumathi Reddy Institute of technology for Women,
Ananthasagar, Warangal.

Dt: 27/01/2023

Title of the Project: Biopots Made with Groundnut shell

Duration of the Project: 2022 - 2023

Name of the Department: ECE

Principal Investigator: Raghavakumari Devi, Asst Prof:

Co-Principal Investigator(s):


Sl.NO	H.T.No.	Full Name
1	216Y1A0515	Bathini. Sarika
2	216Y1A0572	Mandiga. Rajini
3	216Y1A6241	Singathi. Sharada
4	226Y1A0516	B. Hemapriya


Project Estimation: 2,30,000 /- (In Lakhs)



Signature of PI


(Approved/Not approved)

Committee


1. Dr. E. Sudarshan 

2. Dr. N. Srivani 

3. Dr. M. Gopal 

4. Mr. M. RanjithKumar 

An amount of 2,30,000/- has been sanctioned


Principal

Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (T S)





Project -11: Bio pots Made with Groundnut Shell

1. **Mentor Name:** Raghavakumari Devi

2. **Student Team Names:**

Sl.No	Hall Ticket NO	Student Name
1.	216Y1A0515	Bathini. Sarika
2.	216Y1A0572	Mandiga. Rajini
3.	216Y1A6241	Singathi. Sharada
4.	226Y1A0516	B. Hemapriya

3. **Project Description:** Polythene bags are conventionally used for large-scale seedling production in nurseries. These usual methods employed in raising seedlings have been practicing all over the world which is very harmful to the Environment. It was very saddening truth that, people were not removing the polythene bags while sowing the plants in the soil. Groundnut shells are the leftover product obtained after the removal of groundnut seed from its pod.

4. **Project status at the beginning of the Year:**

- Idea generated

5. **Interventions made:**

-

6. **Current status:**

- Product Developed

7. **High-resolution pictures showing the Prototype/product along with the students and their mentor for each project:**



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PROJECT PROPOSAL FORM

To
The Principal
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Dt: 28/01/2023

Title of the Project: ECO-Friendly Cardboard Furniture

Duration of the Project: 2022 - 2023

Name of the Department: CSE

Principal Investigator: B. Prashanth, Asst Prof:

Co-Principal Investigator(s):

SLNO	I.T.No.	Full Name
1	226Y1A0618	Balle. Rohitha
2	226Y1A05B3	S. Pallavi
3	216Y1A6604	Akuthota. Ramya
4	216Y1A6234	P. Sripadha Srinidhi

Project Estimation: 2,180,000 /- (In Lakhs)

B. Prashanth
Signature of PI

(Approved/Not approved)

Committee

1. Dr. E. Sudarshan [Signature]
2. Dr. N. Srivani [Signature]
3. Dr. M. Gopal [Signature]
4. Mr. M. RanjithKumar [Signature]

An amount of 2,180,000/- has been sanctioned

Rajin
Principal

Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (T.S.)





SUMATHI REDDY

INSTITUTE OF TECHNOLOGY FOR WOMEN

L e a r n i n g a t i t s b e s t

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Project -12: Eco-friendly Cardboard Furniture

1. Mentor Name: B. Prashanth

2. Student Team Names:

Sl.No	Hall Ticket NO	Student Name
1.	226Y1A0618	Balle. Rohitha
2.	226Y1A05B3	S. Pallavi
3.	216Y1A6604	Akuthota. Ramya
4.	216Y1A6234	P. Sripadha Srinidhi

3. **Project Description:** Cardboard furniture is designed with eco-friendly 3 ply corrugated sheets manufactured from paper. This tends to be much cost-effective compared to traditional timber furniture and interiors. As the furniture is modular it is easy to mass produce and involves much easier logistics compared to traditional furniture manufacturing. Cardboard furniture simplifies the overall lifecycle of furniture starting from designing and manufacturing to installation and recycling. As the modular cardboard furniture comes disassembled in a flat box, it is easy to transport and deliver to the clients.

4. **Project status at the beginning of the Year:**

- Idea generated

5. **Interventions made:**

-

6. **Current status:**

- Product developed

7. **High-resolution pictures showing the Prototype/product along with the students and their mentor for each project:**



Rajin
PRINCIPAL
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WARANGAL - 506 371 (T.S.)





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PROJECT PROPOSAL FORM

Di: 29/01/2023

To
The Principal
Sumathi Reddy Institute of technology for Women,
Ananthasagar, Warangal.

Title of the Project: Supply Chain Management Solutions

Duration of the Project: 2022-2023

Name of the Department: CSE

Principal Investigator: M. Ruchinandan, Asst Prof:

Co-Principal Investigator(s):


SLNO	H.T.No.	Full Name
1	226Y1A0642	Chintha. Sreeja
2	226Y1A0514	B. Nikhitha
3	216Y1A6699	Suddala. Shushma
4	216Y1A6761	Vennela. Kadipikonda


Project Estimation: 1,30,000/- (In Lakhs)



Signature of PI


(Approved/Not approved)

Committee


1. Dr. E. Sudarshan 

2. Dr. N. Srivani 

3. Dr. M. Gopal 

4. Mr. M. RanjithKumar 

An amount of 1,30,000/- has been sanctioned


Principal

Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (TS)





Project -13: Supply Chain Management Solutions

1. **Mentor Name:** M. Ruchinadhan

2. **Student Team Names:**

Sl.No	Hall Ticket NO	Student Name
1.	226Y1A0642	Chintha. Sreeja
2.	226Y1A0514	B. Nikhitha
3.	216Y1A6699	Suddala. Shushma
4.	216Y1A6761	Vennela. Kadipikonda

3. **Project Description:** Fruits and vegetables are transported orchards or origin points to consumer locations which are far away. This necessitates the proper cold chain with refrigerated container transportation along with temperature control. During international transportation in a shipping container, the controlling of temperature and other gas composition inside the container is uncertain. Any fluctuation in the parameters inside the container makes the fruits and vegetables vulnerable to spoilage or degradation. The losses due to improper control of temperature and gas conditions leads to shrinkage, spoilage, weight loss and poor quality at the receiving ports. Poor quality is undesirable for all stakeholders.

4. **Project status at the beginning of the Year:**

- Idea generated

5. **Interventions made:**

-

6. **Current status:**

- Product Developed

7. **High-resolution pictures showing the Prototype/product along with the students and their mentor for each project:**



Rajin
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PROJECT PROPOSAL FORM

Di: 30/01/2023

To
The Principal
Sumathi Reddy Institute of technology for Women,
Ananthasagar, Warangal.

Title of the Project: Former's kart

Duration of the Project: 2022 - 2023

Name of the Department: CSE

Principal Investigator: M. Ranjithkumar, Asst Prof:

Co-Principal Investigator(s):





SL.NO	ILT.No.	Full Name
1	216Y1A0535	Dharamsoth. Manjula
2	216Y1A0569	Mamidala. Pooja
3	226Y1A0628	Bojja. Archana
4	226Y1A05B9	T. Poojitha

Project Estimation: 2,50,000 /- (In Lakhs)



Signature of PI

(Approved/Not approved)

Committee

1. Dr. E. Sudarshan 
2. Dr. N. Srivani 
3. Dr. M. Gopal 
4. Mr. M. RanjithKumar 

An amount of 2,50,000/- has been sanctioned


Principal

Sumathi Reddy Institute of Technology for Women
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L e a r n i n g a t i t s b e s t

Affiliated to JNTUH - Approved by AICTE

Project -14: Farmer Kart

1. Mentor Name : M. Ranjith Kumar

2. Student Team Names:

Sl.No	Hall Ticket NO	Student Name
1.	216Y1A0535	Dharamsoth. Manjula
2.	216Y1A0569	Mamidala. Pooja
3.	226Y1A0628	Bojja. Archana
4.	226Y1A05B9	T. Poojitha

3. **Project Description:** This can be achieved by Delivery of fertilizers to customers when they need on time through telecommunication and some services.(example like gas booking system through telecall). With help of PAC's (Primary Agriculture Committees and Fertilizer distributors we can achieve this.

4. **Project status at the beginning of the Year:**

- Idea generated

5. **Interventions made:**

-

6. **Current status:**

- Prototyped developed

7. **High-resolution pictures showing the Proto type/product along with the students and their mentor for each project:**



Ranjith
PRINCIPAL
Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
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Rajini

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PROJECT PROPOSAL FORM

Dr: 31/01/2023

To
The Principal
Sumathi Reddy Institute of technology for Women,
Ananthasagar, Warangal.

Title of the Project: Smart Water Bottle

Duration of the Project: 2022 - 2023

Name of the Department: CSE

Principal Investigator: V. Srinivas, Asst Prof:

Co-Principal Investigator(s):


SLNO	ILT.No.	Full Name
1	216Y1A6760	Venishetti. Pranitha
2	216Y1A6679	Ramagiri. Lakshmi Chandana
3	226Y1A0548	Husna Jabeen
4	226Y1A0665	Gorla. Pravalika


Project Estimation: 2,00,000/- (In Lakhs)



Signature of PI


(Approved/Not approved)

Committee


1. Dr. E. Sudarshan 

2. Dr. N. Srivani 

3. Dr. M. Gopal 

4. Mr. M. RanjithKumar 

An amount of 2,00,000/- has been sanctioned


Principal

Sumathi Reddy Institute of Technology for Women
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L e a r n i n g a t i t s b e s t

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Project -15: Smart Water Bottle

1. **Mentor Name:** V. Srinivas

2. **Student Team Names:**

Sl.No	Hall Ticket NO	Student Name
1.	216Y1A6760	Venishetti. Pranitha
2.	216Y1A6679	Ramagiri. Lakshmi Chandana
3.	226Y1A0548	Husna Jabeen
4.	226Y1A0665	Gorla. Pravalika

3. **Project Description:** Aim of the product, is to make dirt water in clean and hygienic without loss of minerals we made cheap and best water filter in which it converts water in alkaline water our system is same as kangen water but which is not even 10% cost of kangen water filter

4. **Project status at the beginning of the Year:**

- Idea generated

5. **Interventions made:**

-

6. **Current status:**

- Prototype Developed

7. **High-resolution pictures showing the Proto type/product along with the students and their mentor for each project:**



Rajini
PRINCIPAL
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PROJECT PROPOSAL FORM

DT: 01/02/2023

To
The Principal
Sumathi Reddy Institute of technology for Women,
Ananthasagar, Warangal.

Title of the Project: APPORATUS Pain sensor

Duration of the Project: 2022 - 2023

Name of the Department: CSE

Principal Investigator: Dr. E. Raju, Asst Prof:

Co-Principal Investigator(s):

Sl.NO	I.T.No.	Full Name
1	216Y1A6646	Kerla, Vidya
2	216Y1A6232	Nagekar, Akshaya
3	226Y1A0664	Golla, Ushasri
4	226Y1A0551	J, Hasini

Project Estimation: 3,70,000/- (In Lakhs)

Signature of PI

(Approved/Not approved)

Committee

1. Dr. E. Sudarshan
2. Dr. N. Srivani
3. Dr. M. Gopal
4. Mr. M. RanjithKumar

An amount of 3,70,000/- has been Sanctioned

Principal

Sumathi Reddy Institute of Technology for Women
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WARANGAL - 506 371 (TS)





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L e a r n i n g a t i t s b e s t

Affiliated to JNTUH - Approved by AICTE

Project -16: Apparatus Rain sensor

1. Mentor Name: Dr. E. Raju

2. Student Team Names:

Sl.No	Hall Ticket NO	Student Name
1.	216Y1A6646	Kerla. Vidya
2.	216Y1A6232	Nagekar. Akshaya
3.	226Y1A0664	Golla. Ushasri
4.	226Y1A0551	J. Hasini

3. **Project Description:** When the rain falls on the cover by the sensing the wet or water it's automatically closes the cover it's mainly user in rice (vaddalu) it's save the rice without not to fall water on it

4. **Project status at the beginning of the Year:**

- Idea generated

5. **Interventions made:**

-

6. **Current status:**

- Prototype developed

7. **High-resolution pictures showing the Proto type/product along with the students and their mentor for each project:**



Raju
PRINCIPAL
Sumathi Reddy Institute of Technology for Women
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Rajini

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PROJECT PROPOSAL FORM

DI: 02/02/2023

To
The Principal
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Title of the Project: Cute Fit

Duration of the Project: 2022-2023

Name of the Department: ECE

Principal Investigator: M. Anitha, Asst Prof.

Co-Principal Investigator(s):

SLNO	I.T.No.	Full Name
1	216Y1A0536	Dirshanapu. Lasyapriya
2	216Y1A0575	Modem. Akshaya
3	226Y1A05C7	V. Sangeetha
4	226Y1A0648	Dodla. Anupriya

Project Estimation: 2,60,000/- (In Lakhs)

Signature of PI

(Approved/Not approved)

Committee

1. Dr. E. Sudarshan
2. Dr. N. Srivani
3. Dr. M. Gopal
4. Mr. M. Ranjith Kumar

Amount of 2,60,000/- has been sanctioned

Rajin
-Principal

Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
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L e a r n i n g a t i t s b e s t

Affiliated to JNTUH - Approved by AICTE

Project -17: Cute Fit

1. Mentor Name : M. Anitha

2. Student Team Names:

Sl.No	Hall Ticket NO	Student Name
1.	216Y1A0536	Dirshanapu. Lasyapriya
2.	216Y1A0575	Modem. Akshaya
3.	226Y1A05C7	V. Sangeetha
4.	226Y1A0648	Dodla. Anupriya

3. **Project Description:** Cute fit is an app which allows the user to try on clothes, jewellery, watches, sneakers etc. before buying them. It is also a platform for users to try on several interesting combinations and then upload results on social media and showcase them to the world. Lastly, it serves as a huge market for 1000s of small boutiques and allows anyone who likes designing to reach 100s of potential customers.

4. **Project status at the beginning of the Year:**

- Idea generated

5. **Interventions made:**

-

6. **Current status:**

- Prototype developed

High-resolution pictures showing the Proto type/product along with the students and their mentor for each project:



Rajini
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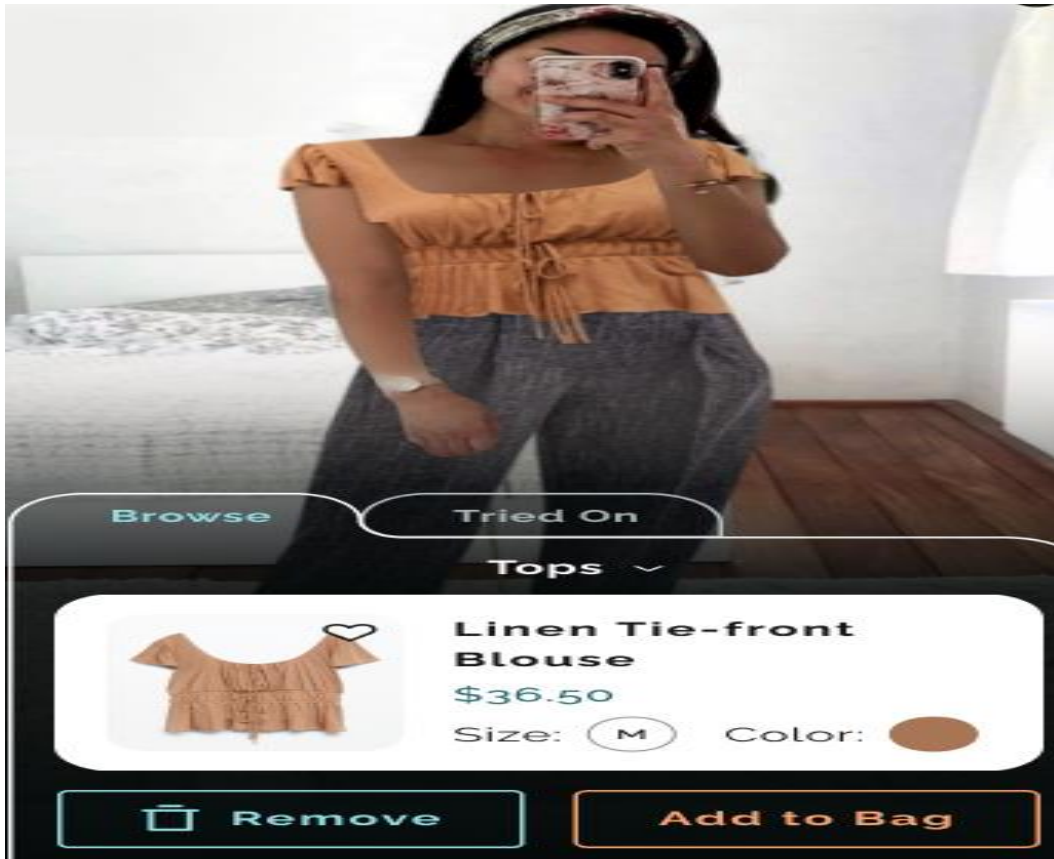


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Rajani

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PROJECT PROPOSAL FORM

DI: 03/02/2023

To
The Principal
Sumathi Reddy Institute of technology for Women,
Ananthasagar, Warangal.

Title of the Project: Gesture Recognition system

Duration of the Project: 2022 - 2023

Name of the Department: CSE

Principal Investigator: P. Prathyusha Reddy, Asst Prof:

Co-Principal Investigator(s):





Sl.NO	H.T.No.	Full Name
1	226Y1A0638	Chidra, Sreenija
2	216Y1A0551	Haniya Kulsum
3	216Y1A6243	Suram, Sharada
4	216Y1A6763	Yedla, Sneha

Project Estimation: ₹ 1,80,000/- (In Lakhs)



Signature of PI

(Approved/Not approved)

Committee

1. Dr. E. Sudarshan 
2. Dr. N. Srivani 
3. Dr. M. Gopal 
4. Mr. M. RanjithKumar 

An amount of ₹1,80,000/-
has been Sanctioned


Principal

Sumathi Reddy Institute of Technology for Women
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WARANGAL - 506 371 (T S)





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Project -18: Gesture Recognition System

1. **Mentor Name:** P. Prathuysha Reddy

2. **Student Team Names:**

Sl.No	Hall Ticket NO	Student Name
1.	226Y1A0638	Chidra. Sreenija
2.	216Y1A0551	Haniya Kulsum
3.	216Y1A6243	Suram. Sharada
4.	216Y1A6763	Yedla. Sneha

3. **Project Description:** We are developing a hand tracking technology that converts sign language into speech and helps our deaf friends to communicate freely! This sensor based gesture recognition technology has endless potential to disrupt various other segments.

4. **Project status at the beginning of the Year:**

- Idea generated

5. **Interventions made:**

-

6. **Current status:**

- Prototype under development

7. **High-resolution pictures showing the Prototype/product along with the students and their mentor for each project:**



Rajini
PRINCIPAL
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WARANGAL - 506 371 (T.S.)



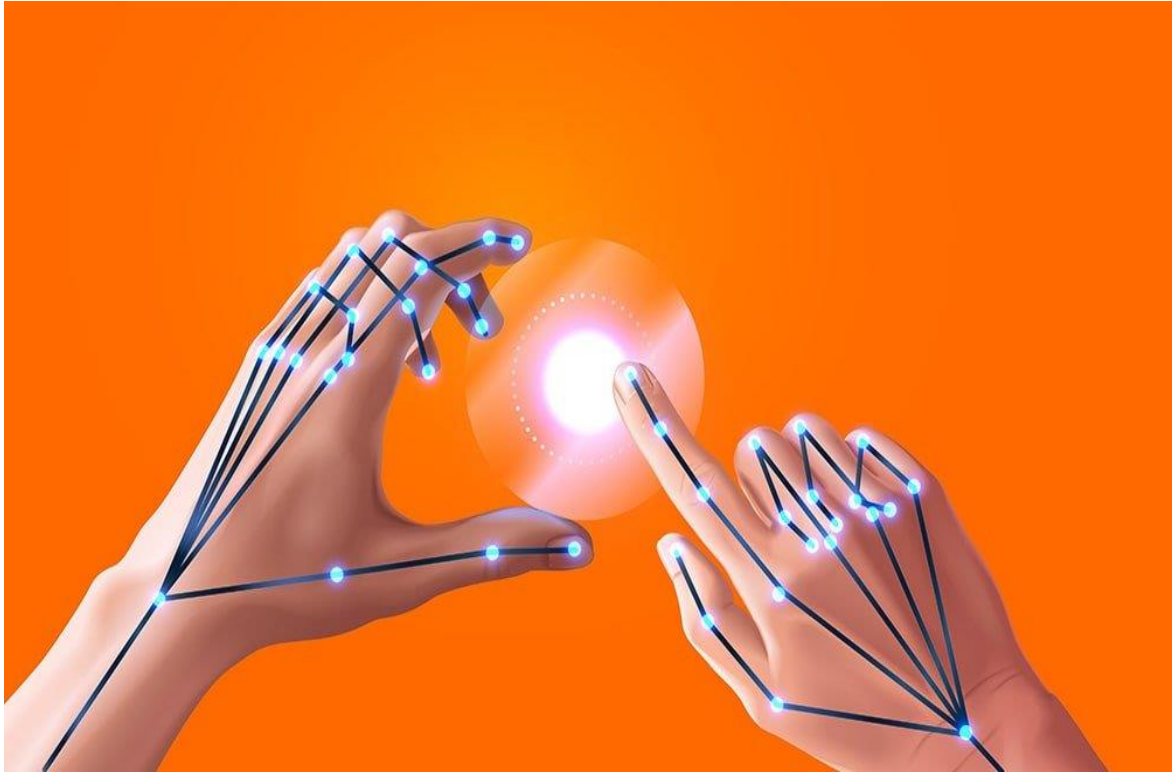


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L e a r n i n g a t i t s b e s t

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PROJECT PROPOSAL FORM

Dt: 12/10/2023

To
The Principal
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Title of the Project: Coop yield prediction And Efficient
use of Fertilisers

Duration of the Project: 2022 - 2023

Name of the Department: CSE

Principal Investigator: M. Sreetha ~~Asst~~ Prof:

Co-Principal Investigator(s):


SL.NO	H.T.No.	Full Name
1	206Y1A6650	Vadala Niharika
2	216Y1A6631	G. Neha
3	216Y1A0446	K. Nikhitha
4	216Y1A6692	Tejasree Samala

Project Estimation: 2,40,000/- (In Lakhs)

Signature of PI

(Approved/Not approved)

Committee

1. Dr. E. Sudarshan 

2. Dr. N. Srivani 

3. Dr. M. Gopal 

4. Mr. M. RanjithKumar 


Principal

PRINCIPAL

Sumathi Reddy Institute of Technology for Women
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PROJECT PROPOSAL FORM

To
The Principal
Sumathi Reddy Institute of technology for Women,
Ananthasagar, Warangal.

Dt: 16/01/2023

Title of the Project: Effective Heart Disease prediction
Using Hybrid Machine Learning Techniques

Duration of the Project: 2022 - 2023

Name of the Department: CSE

Principal Investigator: T. Soavanthi ~~Asst~~ Prof:

Co-Principal Investigator(s):


SL.NO	H.T.No.	Full Name
1	216Y5A6701	Gogula Sowmya
2	206Y1A6720	Seelam Nandhini
3	206Y1A6615	Devatha Rishitha
4	196Y1A0485	Sumera Gouhar


Project Estimation: 2,10,000/- (In Lakhs)



Signature of PI

(Approved/Not approved)

Committee

1. Dr. E. Sudarshan 

2. Dr. N. Srivani 

3. Dr. M. Gopal 

4. Mr. M. RanjithKumar 




Principal
PRINCIPAL

Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M),
WARANGAL - 506 371 (T S)





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PROJECT PROPOSAL FORM

To
The Principal
Sumathi Reddy Institute of technology for Women,
Ananthasagar, Warangal.

Di: 17/01/2023

Title of the Project: Prediction Lung Cancer - In
Machine Learning perspective

Duration of the Project: 2022-2023

Name of the Department: CSE

Principal Investigator: K. Rangnath Asst. Prof:
Co-Principal Investigator(s):

Sl.NO	Full Name	H.T. NO
1	Kavya Sri	216Y5A6603
2	Keerthika Ravula	216Y1A0593
3	Kancharla Siri	216Y1A6719
4	P.Sankeerthana	216Y1A6671
5	Mamidala Pooja	216Y1A0569
6	Chinnala Sony	216Y1A6615

Project Estimation: 21,50,000/- (In Lakhs)

K. Rangnath
Signature of PI

(Approved/Not approved)

Committee

1. Dr. E. Sudarshan [Signature]

2. Dr. N. Srivani [Signature]

3. Dr. M. Gopal [Signature]

4. Mr. M. RanjithKumar [Signature]

Rajani

Principal

PRINCIPAL



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PROJECT PROPOSAL FORM

To
The Principal
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Dt: 20/01/2023

Title of the Project: Traffic Prediction for Intelligent Transportation System

Duration of the Project: 2022 - 2023

Name of the Department: CSE

Principal Investigator: S. Vishali ACSE, Prof:

Co-Principal Investigator(s):

Sl.NO	H.T.No.	Full Name
1	216Y1A6704	A. Laxmi Prasanna
2	206Y1A0541	Kawade. Jyothi
3	206Y1A0556	L. Vanditha Reddy
4	216Y5A0504	Vyshnavi.Gudem

Project Estimation: 2,180,000 /- (In Lakhs)

Shali
Signature of PI

(Approved/Not approved)

Committee

1. Dr. E. Sudarshan [Signature]

2. Dr. N. Srivani [Signature]

3. Dr. M. Gopal [Signature]

4. Mr. M. RanjithKumar [Signature]



Rajani
Principal
PRINCIPAL

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PROJECT PROPOSAL FORM

To
The Principal
Sumathi Reddy Institute of technology for Women,
Ananthasagar, Warangal.

Dt: 22/01/2023

Title of the Project: Facial Emotion Based Music Recommendation system

Duration of the Project: 2022 - 2023

Name of the Department: CSE

Principal Investigator: V. Sushmalatha Asst.Prof:

Co-Principal Investigator(s):

Sl.No	H.T.No.	Full Name
1	216Y1A6205	A. Amulya
2	206Y1A0531	Gourishetty Keerthika
3	216Y1A6626	Gampa Sakruthi
4	206Y1A0587	Sravva Salendra

Project Estimation: 2,90,000/- (In Lakhs)


Signature of PI

(Approved/Not approved)

Committee

1. Dr. E. Sudarshan 

2. Dr. N. Srivani 

3. Dr. M. Gopal 

4. Mr. M. RanjithKumar 




Principal
PRINCIPAL

Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M),
WARANGAL - 506 371 (TS)





SUMATHI REDDY

INSTITUTE OF TECHNOLOGY FOR WOMEN

L e a r n i n g a t i t s b e s t

Affiliated to JNTUH - Approved by AICTE

PROJECT PROPOSAL FORM

To
The Principal
Sumathi Reddy Institute of technology for Women,
Ananthasagar, Warangal.

Dt: 23/10/2023

Title of the Project: Drives Drunkenness Alert Detection

Duration of the Project: 2022 - 2023

Name of the Department: ECE

Principal Investigator: R. Shashikumar Asst Prof: Reddy

Co-Principal Investigator(s):

Sl.NO	H.T.No.	Full Name
1	216Y1A0472	Poshala Supriya
2	206Y1A0528	G. Lakshmi Prasanna
3	206Y1A6602	Ankathi Swathi
4	216Y1A0480	Joshnavi
5	216Y1A0472	Y.Pooja

Project Estimation: 2,00,000/- (In Lakhs)

R.S.L. Reddy
Signature of PI

(Approved/Not approved)

Committee

1. Dr. E. Sudarshan
2. Dr. N. Srivani
3. Dr. M. Gopal
4. Mr. M. RanjithKumar



Rajini
Principal
PRINCIPAL

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PROJECT PROPOSAL FORM

To
The Principal
Sumathi Reddy Institute of technology for Women,
Ananthasagar, Warangal.

Dt: 24/10/2023

Title of the Project: Blood Group Detection using Deep Learning

Duration of the Project: 2022 - 2023

Name of the Department: ECE

Principal Investigator: P. Sureshitha Asst Prof:

Co-Principal Investigator(s):

SI.NO	H.T.No.	Full Name
1	206Y1A6703	Ashna Aroosa
2	206Y1A6606	Bommagani Bhavani
3	216Y1A6245	Uppula.Yashasri
4	216Y1A0518	Boga Bhavishya

Project Estimation: 1,70,000 /- (In Lakhs)



Signature of PI

(Approved/Not approved)

Committee

1. Dr. E. Sudarshan 

2. Dr. N. Srivani 

3. Dr. M. Gopal 

4. Mr. M. RanjithKumar 




Principal
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PROJECT PROPOSAL FORM

To
The Principal
Sumathi Reddy Institute of technology for Women,
Ananthasagar, Warangal.

Dt: 28/10/2023

Title of the Project: Facial Emotions Recognition System

Duration of the Project: 2022-2023

Name of the Department: ECE

Principal Investigator: D. Koteswarrao Asst. Prof:

Co-Principal Investigator(s):

SLNO	H.T.No.	Full Name
1	196Y1A0586	Romana Tafheem
2	216Y5A0505	Gudimalla Pravalika
3	206Y1A0424	Huzaiifa Gaznam
4	216Y1A6221	Keesari Shalini
5	206Y1A6621	Sahana. G

Project Estimation: 2,39,000/- (In Lakhs)

Signature of PI

(Approved/Not approved)

Committee

1. Dr. E. Sudarshan

2. Dr. N. Srivani

3. Dr. M. Gopal

4. Mr. M. RanjithKumar



Rajani

Principal
PRINCIPAL

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PROJECT PROPOSAL FORM

To
The Principal
Sumathi Reddy Institute of technology for Women,
Ananthasagar, Warangal.

Dt: 29/10/2023

Title of the Project: Rainfall Prediction System

Duration of the Project: 2022-2023

Name of the Department: ECE

Principal Investigator: Ch. Padmaja Asst Prof.

Co-Principal Investigator(s):

Sl.NO	H.T.No.	Full Name
1	216Y1A0565	Kothapalli Sreeja
2	206Y1A0414	Burla Harika
3	216Y1A0449	Lingala Varshasri
4	216Y1A0468	Palle Shivani

Project Estimation: 3,70,000/- (In Lakhs)

Ch. Padmaja
Signature of PI

(Approved/Not approved)

Committee

1. Dr. E. Sudarshan [Signature]

2. Dr. N. Srivani [Signature]

3. Dr. M. Gopal [Signature]

4. Mr. M. RanjithKumar [Signature]

[Signature]
Principal
Sumathi Reddy Institute of Technology for Women
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PROJECT PROPOSAL FORM

To
The Principal
Sumathi Reddy Institute of technology for Women,
Ananthasagar, Warangal.

Dt: 30/01/2023

Title of the Project: Research on Information Cessity
Evulation Based on Artificial Neural work

Duration of the Project: 2022 - 2023

Name of the Department: ECF

Principal Investigator: Y. Sharvani ~~Asst~~ Prof.

Co-Principal Investigator(s):

SL.NO	H.T.No.	Full Name
1	216Y1A6699	Shushma Suddala
2	206Y1A0418	Emmadi Sathwika
3	216Y1A6722	Navya Kashaboina
4	216Y1A0555	Junnuthula Vidhya Reddy

Project Estimation: 2,60,000/- (In Lakhs)

Sharvani
Signature of PI

(Approved/Not approved)

Committee

1. Dr. E. Sudarshan [Signature]

2. Dr. N. Srivani [Signature]

3. Dr. M. Gopal [Signature]

4. Mr. M. RanjithKumar [Signature]



Rajini
Principal

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CIRCULAR

Off/SRITW/NewGe IEDC/2019-2020/001

Dt: 15/07/2019

It is hereby informed to all the faculty members that NewGen IEDC is sanctioning funding assistance to Innovative ideas & Prototype development. Interested faculty can apply for funding on or before 01/08/2019. Faculty can select students from all branches.

Rejai
PRINCIPAL

Copy to

1. All HoD's (ECE & CSE)
2. Administrative Officer
3. NewGen IEDC Cell



Rejai
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CIRCULAR

Off/SRITW/NewGen IEDC/2019-2020/02

Dt: 03/08/2019

The enclosed list of innovative projects is shortlisted for funding under the NewGen IEDC sponsored by DST and NSTEDB implemented by EDII, Ahmedabad.

Rijai
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Copy to

1. All HoD's (ECE & CSE)
2. Administrative Officer
3. IEDC coordinator



Rijai

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List of Shortlisted Projects (2019-2020):

S. No.	Idea/Project Name	Mentors	Students Involved	H. T. No.	Amount Sanctioned
1	Ammonia Testing Kit	Mr. K.Ranganath, Asst. Prof., CSE	Zora Praveena	166Y1A05B5	2,10,000/-
			R. rajeshwari	186Y1A0590	
			M. Tejasri	186Y1A0566	
			M. Sirichanda	186Y1A0564	
			M. Abhitha	186Y1A0572	
			K. Nikhita	176Y1A0451	
2	Pond Skimmer	B.Prabhanjan Yadav, Asst. Prof., CSE	V. Anusha	166Y1A05B0	2,40,000/-
			M. Lakshmi	166Y1A0572	
			M. Veda Sreshta	186Y1A05B5	
			P. Bindusree	186Y1A0583	
			K. Mani Deepika	176Y1A0423	
			G. Sai Prasanna	176Y1A0432	
			M. Rachana	166Y1A0570	
			Y. Roja	166Y1A05B2	
3	Soil Testing Kit	T.Ravi Kumar, Asst. Prof., CSE	Liktitha	186Y1A0594	2,90,000/-
			Manasa	186Y1A05A3	
			V. Rishika	186Y1A04A1	
			Sanjana		
			K. Preethi	176Y1A0450	
			T. Akanksha	186Y1A05B2	
4	Challenging Dust Bin	V.Pranathi, Asst. Prof., CSE	T. Malavika	186Y1A05B1	2,00,000/-
			P.Navyasri	186Y1A0581	
			V. Ramyasri	186Y1A04A0	
			K. Sriyamsha Reddy	176Y1A0452	
			R.Reethika	186Y1A0476	
5	Smart Delivery Box	S.Shwetha, Asst. Prof., CSE	V. Anusha	186Y1A04A8	2,50,000/-
			M. Shirisha	186Y1A0456	
			A. Sai Keerthana	176Y1A0401	
			Ch. Saloni Khanna	186Y1A0521	
			A. Ramya	186Y1A0506	
			K. Manvitha Rao	186Y1A0548	
6	Currency Detector for Blind People	G.Ranadheer Reddy, Asst. Prof., CSE	B. Charitha	186Y1A0515	2,80,000/-
			Sk. Soni	186Y1A05A1	
			B. Swetha	186Y1A0413	
			Ch. Akarsha	176Y1A0419	
			Rabia Basri	186Y1A0589	
			Syeda Madiha Banu	186Y1A05A7	
7	Linepath Tracking Robot	Dr. E. Sudarshan, Asst. Prof., CSE	Razeena Zuya	186Y1A0596	3,70,000/-
			Arsheen Fathima	186Y1A0491	



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S. No	Idea/Project Name	Mentors	Students involved	H. T. No.	Amount Sanctioned
8	Magic Eye	V. Srinivas, Asst. Prof., CSE	P. Madhurya	176Y1A0471	2,60,000/-
			P. Chandana	176Y1A0470	
			A. Sriveneela	176Y1A0486	
			T. Kavya	176Y1A0490	
			Rehana Begum	176Y1A0472	
9	She Bracelet for the women protection	Ch. Siddharth, Asst. Prof., CSE	Ch. Saloni Khanna	186Y1A0521	1,70,000/-
			Y. Abhigna	176Y1A0497	
			Rasha	176Y1A0583	
			K. Preethi	176Y1A0450	
10	IoT Based Live Video Status and Tracking Security for School Bus	Dr. E.Sudarshan, Asst. Prof., CSE	A. Manichandana	186Y1A0403	2,30,000/-
			M. Madhumitha	196Y5A0414	
			G. Supriya	186Y1A05A6	
			M. Swetha	186Y1A0567	



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List of Projects Rejected 2019-2020

S. No	Idea/Project Name	Mentors	Students involved	H. T. No.	Status
1	Vehicle Maintenance and Mileage Tracker App	B.Prabhanjan Yadav, Asst.Prof.,CSE	J.Nikhitha Sri	196Y1A0546	Rejected
			Vancha Nandini	196Y1A05B2	
			Kukal Sanjana	196Y1A0556	
			Yada Srivalli	196Y1A05B7	
2	Virtual Care Taker Online patient Monitoring System	M. Pavani Asst.Prof., ECE	V. Rishika Sanjana	186Y1A04A1	Rejected
			K.Sriyamsha Reddy	176Y1A0452	
			M. shirisha	186Y1A0456	
			B. Shwetha	186Y1A0413	
3	Implementation of Vehicle Tracking System	M. Ram Prasad Asst.Prof., ECE	T. Akanksha	186Y1A05B2	Rejected
			P. Navyasri	186Y1A0581	
			Y. Pooja	166Y1A05B2	
			V. Ramyasree	186Y1A04A0	
4	Women Safety using IoT	L. Mahesh Asst.Prof., ECE	K. Nikhitha	176Y1A0451	Rejected
			M. Abhitha	186Y1A0572	
			K. Preethi	176Y1A0450	
			A. Sai Keerthana	176Y1A0401	
5	Automation of Tollgate	G. Naresh Asst.Prof., ECE	K. Mani Deepika	176Y1A0423	Rejected
			G. Sai Prasanna	176Y1A0432	
			S. Manasa	186Y1A05A3	
			P. Navyasri	186Y1A0581	



Rejai
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L e a r n i n g a t i t s b e s t

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PROJECT PROPOSAL FORM

Dt: 29-07-2019

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Title of the Project : Ammonia Testing kit

Duration of the Project : 2019-2020

Name of the Department : CSE

Principal Investigator : K. Ranganath, Designation : Asst. Prof

Co-Principal Investigator(s) :

Sl. No.	H.T. No.	Full Name
1	166Y1A05b5	Zora praveena
2	186Y1A0590	R. Rajeshwari
3	186Y1A0566	M. Tejasri
4	186Y1A0564	M. sirichanda

Project Estimation : 2,15,000 (In Lakhs)

K. Ranganath
Signature of PI

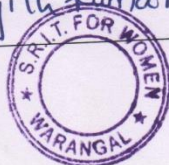
✓
(Approved / Not approved)

Committee

1. Dr. E. Sudaeshan ff
2. Dr. N. Sivani 830
3. Dr. M. Gopal gopal
4. Mr. M. Ranjith Kumar dayan

An amount of
2,10,000/- has
been sanctioned.

Rejai
Principal



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L e a r n i n g a t i t s b e s t

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NewGen IEDC PROJECT

Batch No.

Project Title : Ammonia Testing kit

Academic Year : 2019-2020

Class / Section : CSE, ECE

Project Type :

Total Team Members: 6

S. No.	Students Name	Roll No.	Roles	Contact No.	Email ID
1.	Zora parveen	166Y1A05B5		8522825014	-
2.	R. Rajeshwari	186Y1A05A0		8374562247	raji_rachakonda@gmail.com
3.	M. Tejasri	186Y1A0566		8106611526	tejasrimatefca@gmail.com
4.	M. Sri Chandana	186Y1A0564		8688765112	-
5.	M. Abhitha	186Y1A0572		-	-
6.	K. Nibhita	176Y1A051		-	-

Supervisor / Guide Name and Signature:

S. No.	Supervisor Name	Department	Designation	Signature
1	E. Kumaraswamy	ECE	Assistant Professor	
2	K. Ranganath.	CSE	Assistant Professor	



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Title : Ammonia Testing kit.

Problem Identification statement :

- By the Ethnographic survey we have identified that when people were returning from toilets feel suffocated because of Unclean toilet.
- Identifying such unclean toilets is difficult and causes health problems to the patients in hospital and in railway stations and common people in society.

Community Partner Photo :



Refai
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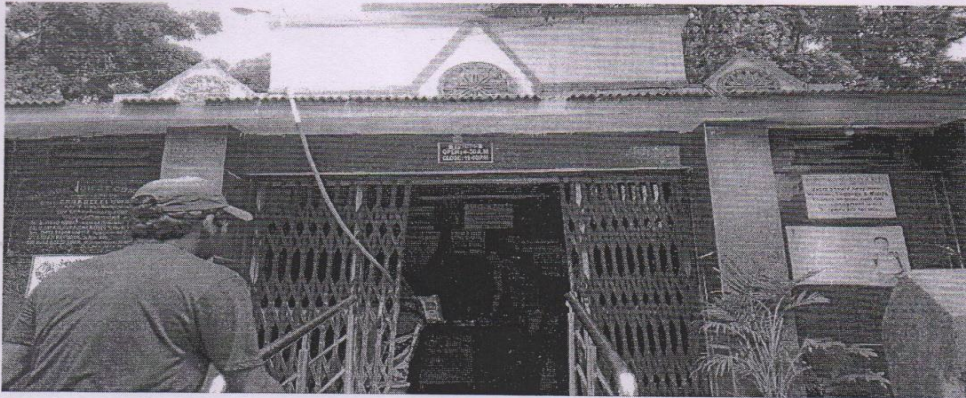
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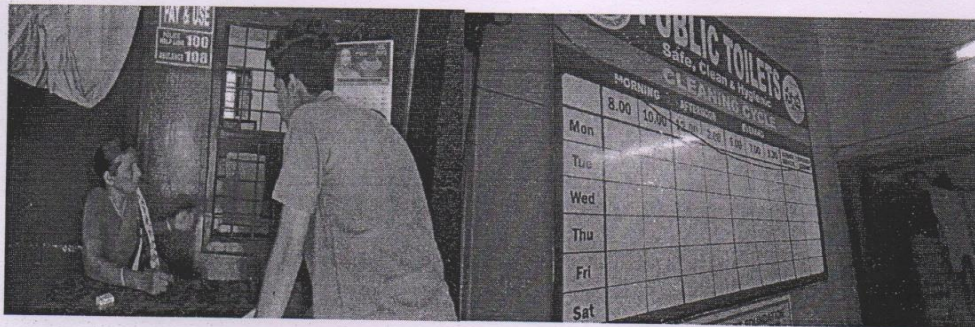
Surveying Report – 1

COMMUNITY PARTNER : GWMC PUBLIC TOILETS



AREA : PUBLIC GARDEN
CLEANER NAME : MARIYAMMA
AGE : 55
SALARY : 5000/-
INCHARGE OF PUBLIC TOILET : SRINU
HIS SALARY : 5500/-

- THIS PUBLIC TOILET WILL BE INSPECTED TWICE A DAY BY THE INSPECTOR OF THAT AREA.



- THEY ALSO HAVE A CLEANING CYCLE REGARDING WHICH THE WORKERS CLEAN THE TOILETS DAILY AND TICK THE SLOTS PROVIDED TO SHOW THE USERS THAT THOSE TOILETS WERE CLEANED REGULARLY.



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PROJECT PROPOSAL FORM

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Dt: 30-07-2019

Title of the Project : Pond Skimmer

Duration of the Project : 2019-20

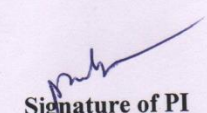
Name of the Department : C.S.E

Principal Investigator : B. Prabhangan Yadav, Designation : Asst. Prof.

Co-Principal Investigator(s) :




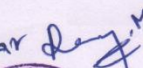
Sl. No.	H.T. No.	Full Name
1	166Y1A05B0	V. Anusha
2	166Y1A05B2	B. Lakshmi
3	186Y1A05B5	M. Vedha Sreeta
4	186Y1A05B3	P. Bindusri

Project Estimation : 2,45,000 (In Lakhs)

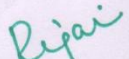

Signature of PI

(Approved / Not approved)

Committee

1. Dr. E. Sudashan 
2. Dr. N. Srivani 
3. Dr. M. Gopal 
4. Mr. M. Ranjith Kumar 

An amount of
2,40,000 has been
sanctioned.


Principal

PRINCIPAL

Sumathi Reddy Institute of Technology for Women
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NewGen IEDC PROJECT

Batch No.

Project Title : POND SKIMMER

Academic Year : 2019 - 2020

Class / Section : CSE, ECE

Project Type :

Total Team Members: 6

S. No.	Students Name	Roll No.	Roles	Contact No.	Email ID
1	V. Anuaha	166Y1A05B0		8688803228	
2	M. Lakshmi	166Y1A0572		8074717396	lakshimukka456@gmail.com
3	M. Vedha Sreshtha	186Y1A05B5		7013651079	vedasreshtha@gmail.com
4	P. Bindhu Sree	186Y1A0583		8179870084	bindupinniti2000@gmail.com
5	K. Mani Deepika	176Y1A0425		-	-
6	G. Sai Pralsana	176Y1A032		-	-

Supervisor / Guide Name and Signature:

S. No.	Supervisor Name	Department	Designation	Signature
1	K. Ravi Kiran	ECE	Assistant Professor	
2	B. Prabwan Yadav	CSE	Assistant Professor	



Prjai

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Title : POND SKIMMER (Magic bug).....

Problem Identification statement :

- Water gets polluted because there is no covering material.
- Takes 3 hours to clean the pond by 6 workers, for every 15 days.
- Manually difficult to clean the debris due to unpleasant smell, slippery nature, thorns in the pond.
- Filter equipment is not available.

Community Partner Photo :

He is Saravah. He is working in Zoological Park in Hunter Road. We went to the Zoological Park and interacted with the workers in order to know the details of cleaning process.

- In the interaction they gave us the basic details of cleaning process of the Pond.

Ripri

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SUMATHI REDDY

INSTITUTE OF TECHNOLOGY FOR WOMEN

L e a r n i n g a t i t s b e s t

Affiliated to JNTUH - Approved by AICTE

PROJECT PROPOSAL FORM

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Dt:- 26-07-2019

Title of the Project : soil Testing kit

Duration of the Project : 2019-2020


Name of the Department : CSE

Principal Investigator : T. Ravi Kumar, Designation : Asst. prof

Co-Principal Investigator(s) :


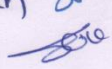
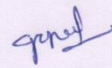
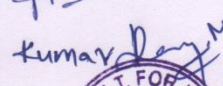
Sl. No.	H.T. No.	Full Name
1	166Y1A0570	M. Rachana
2	166Y1A0532	Y. Pooja
3	186Y1A0594	Likitha
4	186Y1A05A3	Manasa

Project Estimation : 3,00,000 (In Lakhs)


Signature of PI

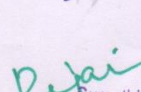
(Approved / Not approved)

Committee

1. Dr. E. Sudarshan 
2. Dr. N. Srivani 
3. Dr. M. Gopal 
4. Mr. M. Ranjith Kumar 

An amount of
2,90,000/- has
been sanctioned.




Principal
PRINCIPAL

Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
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Rajam

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L e a r n i n g a t i t s b e s t

Affiliated to JNTUH - Approved by AICTE

NewGen IEDC PROJECT

Batch No.

Project Title : Soil Testing BIT

Academic Year : 2019-2020

Class / Section : CSE, ECE

Project Type :

Total Team Members: 6

S. No.	Students Name	Roll No.	Roles	Contact No.	Email ID
1	M. Rachana	166Y1A0570		-	-
2	Y. Pooja	166Y1A05B2		-	-
3	Likitha	186Y1A0594		-	-
4	Manasa	186Y1A05A3		-	-
5	V. Rishiba Sanjuma	186Y1A04A1			
6	K. Preethi	176Y1A0456			

Supervisor / Guide Name and Signature:

> To be filled up by the faculty by end of the project :

S. No.	Supervisor Name	Department	Designation	Signature
1	K. Sravan Kumar	EEE	Asst. Prof. & Secy	
2	T. Ravikiran	CSE	Assistant Professor	



Rijai
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L e a r n i n g a t i t s b e s t

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Title : *Soil Testing bit*

Problem Identification statement :

To know the fertility of soil to the farmer and suggest the best fertilizers and crops by the digital bit.

Community Partner Photo :



Rajani
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V. Action Plan

1. Prior art search:

There are existing products for our problem statement which we understood in detail through multiple resources like farmers, Research papers, YouTube, scientists, websites and professors.

Fig-1: Existing solution-1, it is a laboratory where the soil testing is done through many electronic devices. we find the laboratories hardly 1 for a district, i.e. in a agriculture universities. which are far away from the villages. Farmers go to the laboratories and give the soil sample, the laboratories give the result after 1 week. after the result is done farmers should go the laboratories and take the result.

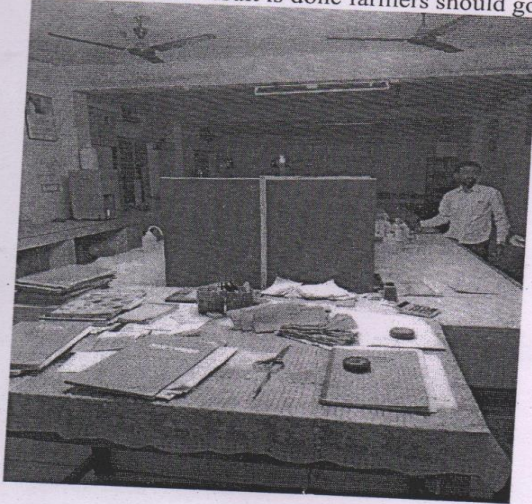


Fig-1: laboratory

Rejai
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L e a r n i n g a t i t s b e s t

Affiliated to JNTUH - Approved by AICTE

PROJECT PROPOSAL FORM

Date : 29-07-2018

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Title of the Project : challenging Dust Bin

Duration of the Project : 2018-2019

Name of the Department : CSE

Principal Investigator : V. Pranathi, Designation : Asst. Prof.

Co-Principal Investigator(s) :

Sl. No.	H.T. No.	Full Name
1	186Y1A05B2	T. Akanksha
2	186Y1A05B1	T. Malavika
3	186Y1A05B1	P. Navya Sri
4	186Y1A04A0	V. Ramya Sri
5	186Y1A04A2	K. Sriyansha Reddy
6		

Project Estimation : 2,42,000/-

Ranathi
Signature of PI

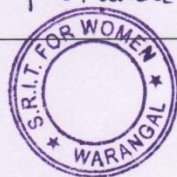
(Approved / Not approved)

Committee

1. Dr. E. Sudashan
2. Dr. N. Sivani
3. Dr. M. Gopal goud
4. Mr. M. Rajith Kumar

An amount of 2,00,000/- has been approved.

Rajai
Principal



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SUMATHI REDDY

INSTITUTE OF TECHNOLOGY FOR WOMEN

L e a r n i n g a t i t s b e s t

Affiliated to JNTUH - Approved by AICTE

NewGen IEDC PROJECT

Batch No.

Project Title : Challenging Dust Bin

Academic Year : 2018-2019

Class / Section : CSE, ECE

Project Type :

Total Team Members: 6

S. No.	Students Name	Roll No.	Roles	Contact No.	Email ID
1)	T. Akanksha	186Y1A05B2		6304410818	tulaakanksha1436@gmail.com
2)	T. Malavika	186Y1A05B1		7893933458	thelakruti.malavika@gmail.com
3)	P. Navyasri	186Y1A05B3		9666926225	PandhitaranyaASV@gmail.com
4)	V. Ramyasri	186Y1A04A0		-	-
5)	K. Sriyamsa Reddy	176Y1A0452		-	-

Supervisor / Guide Name and Signature:

S. No.	Supervisor Name	Department	Designation	Signature
1	V. Pranath;	CSE	Assistant Professor	Pranath;
2	N. Swathi	ECE	Assistant Professor	Swathi



Rajai
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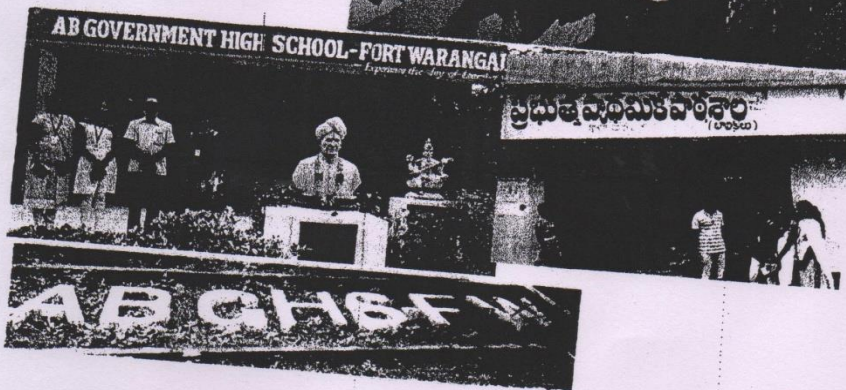
Affiliated to JNTUH - Approved by AICTE

Title: *Challenging Dustbin*

Problem Identification statement: ..

- 1) To make the primary school students learn mathematics in an active manner by clearing the campus
- 2) student are not showing interest to throw the dust in dust bin

Community Partner Photo :



Rejai

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Rajini

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PROJECT PROPOSAL FORM

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Dt: 30-07-2019

Title of the Project : Smart Delivery Box

Duration of the Project : 2019-2020

Name of the Department : CSE

Principal Investigator : shwetha.s, Designation : Asst.Prof

Co-Principal Investigator(s) :

Sl. No.	H.T. No.	Full Name
1	186Y1A0456	R. Reethika
2	186Y1A04A8	V. Anusha
3	186Y1A0456	N. Shishisha
4	196Y1A0401	A. Saikeerthna

Project Estimation : 2,80,000/- (In Lakhs)

Signature of PI

(Approved / Not approved)

Committee

1. Dr. E. Sudarshan
2. Dr. N. Sivani
3. Dr. M. Gopal
4. Mr. M. Ranjith Kumar

An amount of 2,50,000/- has been approved.

Principal



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NewGen IEDC PROJECT

Batch No.

Project Title : SMART DELIVERY BOX

Academic Year : 2019-2020

Class / Section : II B.Tech/^{CSE}ECE

Project Type :

Total Team Members: 6

S. No.	Students Name	Roll No.	Roles	Contact No.	Email ID
1	R. Reethika	186Y1A0476		7386199009	reethikaranam@gmail.com
2	V. Anusha	186Y1A04A8		8520077989	vobitishettyanusha2001@gmail.com
3	M. Shirisha	186Y1A0456		-	-
4	A. Saibeeshtama	176Y1A0401		-	-
5	Ch. Saloni Khanna	186Y1A0524		-	-
6	A. Ramya	186Y1A0506		-	-

Supervisor / Guide Name and Signature:

S. No.	Supervisor Name	Department	Designation	Signature
1	N. Govardhan	ECE	Assistant Professor	
2	S. Shweta	CSE	Assistant Professor	



Rejani
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Title : SMART DELIVERY BOX

Problem Identification statement :

- The problem is that the food which is ordered is getting tampered by the delivery boosters and mediators
- Poor logistics and long delivery times
- Bad Return policies as lack of buyer warranties
- Handing over the food for other persons who was in the location

Community Partner Photo :

She is Swetha. She is a Bank employe. She regularly orders the food. One day she ordered the food gets tampered by delivery boy. So, she doesn't satisfy for those goods. Thus the problem that she has faced.



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INSTITUTE OF TECHNOLOGY FOR WOMEN

L e a r n i n g a t i t s b e s t

Affiliated to JNTUH - Approved by AICTE

PROJECT PROPOSAL FORM

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Dt: 27-07-2019

Title of the Project : Currency Detector for Blind people

Duration of the Project : 2019-2020

Name of the Department : CSE

Principal Investigator : G. Ranadheer Reddy, Designation : Asst. prof.

Co-Principal Investigator(s) :

Sl. No.	H.T. No.	Full Name
1	18641A0548	K. Manvitha Rao
2	18641A0515	B. Charitha
3	18641A05A1	S.k. Sony
4	18641A0413	B. Swetha

Project Estimation : 3,10,000/- (In Lakhs)

Approved
Signature of PI

(Approved / Not approved)

Committee

1. Dr. E. Sudaashan
2. Dr. N. Srivani
3. Dr. M. Gopal
4. Mr. M. Ranjith Kumar

An amount of 2,80,000/- has been sanctioned.

Rajai

Rajai
Principal



PRINCIPAL

Sumathi Reddy Institute of Technology for Women
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INSTITUTE OF TECHNOLOGY FOR WOMEN

L e a r n i n g a t i t s b e s t

Affiliated to JNTUH - Approved by AICTE

NewGen IEDC PROJECT

Batch No.

Project Title : currently Detectors for Blind People.

Academic Year : 2019-2020

Class / Section : CSE, ECE

Project Type :

Total Team Members: 05

S. No.	Students Name	Roll No.	Roles	Contact No.	Email ID
01	K. Manvitha Rao	186Y1A0548		-	-
02	B. Charitha	186Y1A0515		-	-
03	S.K. Sony	186Y1A0511		-	-
04	B. Swetha	186Y1A0413		-	-
05	Ch. Anshara	176Y1A0419		-	-

Supervisor / Guide Name and Signature:

> To be filled up by the faculty by end of the project :

S. No.	Supervisor Name	Department	Designation	Signature
1	Dr. M Gopal	ECE	Associate Professor	
2	G. Randheer Reddy	CSE	Assistant Professor	



Rejani
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 Sumathi Reddy Institute of Technology for Women
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Title: Currency Detector for Blind People

Problem Identification statement :

- (i) The teacher in blind school is facing difficulty in explaining the concepts practically to the students
- (ii) The teacher in blind school is facing difficulty in recognizing the currency.
- (iii) The people in blind school are facing very much difficulty while travelling to other places.
- (iv) The ~~people~~ ^{People} teacher in blind school ~~is~~ ^{are also} facing difficulty in recognizing the currency.

Community Partner Photo :



Principal
Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (T.S.)

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L e a r n i n g a t i t s b e s t

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Rajini

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Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (T.S.)





SUMATHI REDDY

INSTITUTE OF TECHNOLOGY FOR WOMEN

L e a r n i n g a t i t s b e s t

Affiliated to JNTUH - Approved by AICTE

PROJECT PROPOSAL FORM

DE: 26-07-2019

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Title of the Project : Line Path Tracking Robot

Duration of the Project : 2019-2020

Name of the Department : CSE

Principal Investigator : G. Sukhaverji, Designation : Asst. Prof

Co-Principal Investigator(s) :

Sl. No.	H.T. No.	Full Name
1	186YIA0589	Rabia Batti
2	186YIA05A7	Syeda Madiha Banu
3	186YIA0596	Razeena Zuya
4	186YIA0491	Arshreen Fattima

Project Estimation : 4,00,000/- (In Lakhs)

Sukhaverji
Signature of PI

(Approved / Not approved)

Committee

1. Dr. E. Sudarshan *[Signature]*
2. Dr. N. Srivani *[Signature]*
3. Dr. M. Gopal *[Signature]*
4. Mr. M. Ranjith Kumar *[Signature]*

An amount of 3,70,000/- has been sanctioned.

Rejai
Principal



Rejai
PRINCIPAL
Sumathi Reddy Institute of Technology for Women
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WARANGAL - 506 371 (T.S.)





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L e a r n i n g a t i t s b e s t

Affiliated to JNTUH - Approved by AICTE

Project Title

Line Path Tracking Robot (Automatic Duo Car)

Problem Identification Statement

In places where medium to heavy weights are to be shifted from one place to another on a specific path. Examples are in a factory, in a restaurant kitchen to shift huge containers, and in a construction site.

Solution

Our robot moves as per a predefined path. It can carry a weight up to 150kgs so that transport of medium to heavy weights can be easily done.

Requirement Specifications

General Specifications

1. The line follower robot is a mobile machine that can detect and follow the line drawn on the floor.
2. When the switch is turned on, the motors are turned on and the robot detects the line drawn to move in that direction.
3. When the line ends, the robot stops its movement.
4. When the switch is turned off, the motor in the device is turned off.

Technical Specifications

1. Arduino UNO R3
2. Ultrasonic Sensor HCSR 04
3. L298N Driver
4. Four 5V Motors
5. Two IR Sensors
6. Breadboard
7. Jumper Cables
8. Two 9V Battery
9. Three Light weight Wheels



Refai

PRINCIPAL

Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (T.S.)





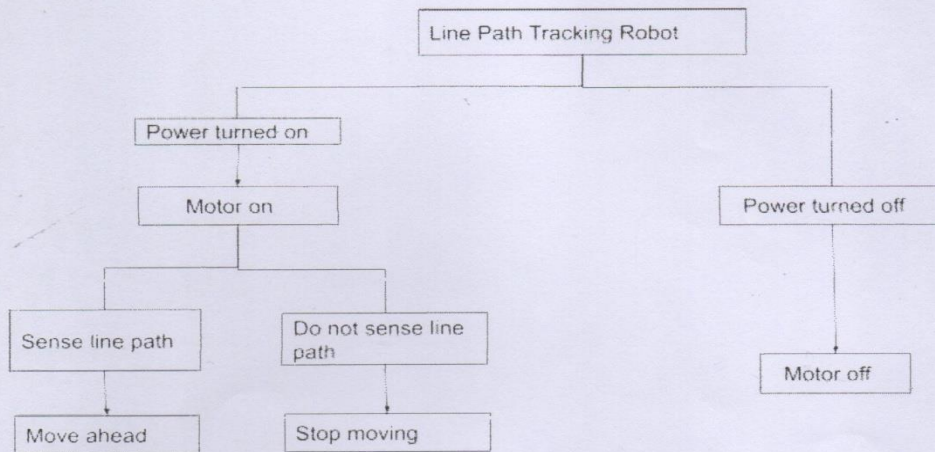
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Functional Decomposition & Conceptual Design



Ripri

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WARANGAL - 506 371 (T.S.)





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Rajini

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INSTITUTE OF TECHNOLOGY FOR WOMEN

L e a r n i n g a t i t s b e s t

Affiliated to JNTUH - Approved by AICTE

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Dt: 26-07-2019

Title of the Project : Magic Eye

Duration of the Project : 2019-2020

Name of the Department : CSE

Principal Investigator : V. Srinivas, Designation : Asst. Prof

Co-Principal Investigator(s) :

Sl. No.	H.T. No.	Full Name
1	176YIA0471	P. Madhurya
2	176YIA0430	P. Chandana
3	176YIA0486	A. Sriveneela
4	176YIA0490	T. Kalya

Project Estimation : 2,80,000/- (In Lakhs)

Signature of PI

(Approved / Not approved)

Committee

1. Dr. E. Sudaishan
2. Dr. N. Srivari
3. Dr. M. Gopal
4. Mr. M. Ranjith Kumar

An amount of 2,60,000/- has been sanctioned.

Principal

PRINCIPAL
Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 508 371 (T.S.)

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INSTITUTE OF TECHNOLOGY FOR WOMEN

L e a r n i n g a t i t s b e s t

Affiliated to JNTUH - Approved by AICTE

NewGen IEDC PROJECT

Batch No.

Project Title : Magic Eye

Academic Year : 2019-2020

Class / Section : CSE, ECE

Project Type :

Total Team Members: 6

S. No.	Students Name	Roll No.	Roles	Contact No.	Email ID
1.	P. Madhurya	176Y1A0471		9912679245	madhurya.putta321@gmail.com
2.	P. Chandana	176Y1A0470		7893896439	Pullurichandana09@gmail.com
3.	A. Srivencela	176Y1A0486		6304612724	Srivencela.a@gmail.com
4.	T. kavya	176Y1A0490		6302835858	kavyathippa18@gmail.com
5.	Rehana Begum	176Y1A0492		7702991340	rehanabegum2411@gmail.com
6.	M. Sai Priya	186Y1A0565		-	-

Supervisor / Guide Name and Signature:

S. No.	Supervisor Name	Department	Designation	Signature
1	T. chandra prakash	ECE	Assistant Professor	
2	V. Srinival	CSE	Assistant Professor	



Ryaji
PRINCIPAL
Sumathi Reddy Institute of Technology for Women
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WARANGAL - 506 371 (T.S.)





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INSTITUTE OF TECHNOLOGY FOR WOMEN

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Affiliated to JNTUH - Approved by AICTE

Title : Magic Eye

Problem Identification statement : working principle

The Input for the arduino is identified by the alcohol detector sensor through the breath of a human.

In the next scenario the levels of Alcohol measured by the sensor and compared with the set-in limits.

If the set limit of Alcohol is less than the Alcohol consumed by the person, the system of activating relay is initiated which in turn activates the automatic lock on the vehicle.

Community Partner Photo :



Rijai
PRINCIPAL

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Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (T.S.)

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INSTITUTE OF TECHNOLOGY FOR WOMEN

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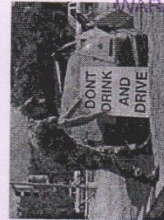
Universal problem:

Drunk and drive is the serious problem in our present society. Driving under the influence of alcohol has affected and killed countless of people's lives. If you drink and drive, not only put yourself at risk, but also the passengers and pedestrians. Every thirty minutes, someone's life is cut short and families are devastated.



Solution:

To prevent the above problem, we have initiated the idea MAGIC EYE where we have done a prototype which shows the proof of concepts of tracing the presence of alcohol and deactivating the ignition of the vehicles. It is an automatic engine locking system.



Rajni
PRINCIPAL

Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (T.S.)



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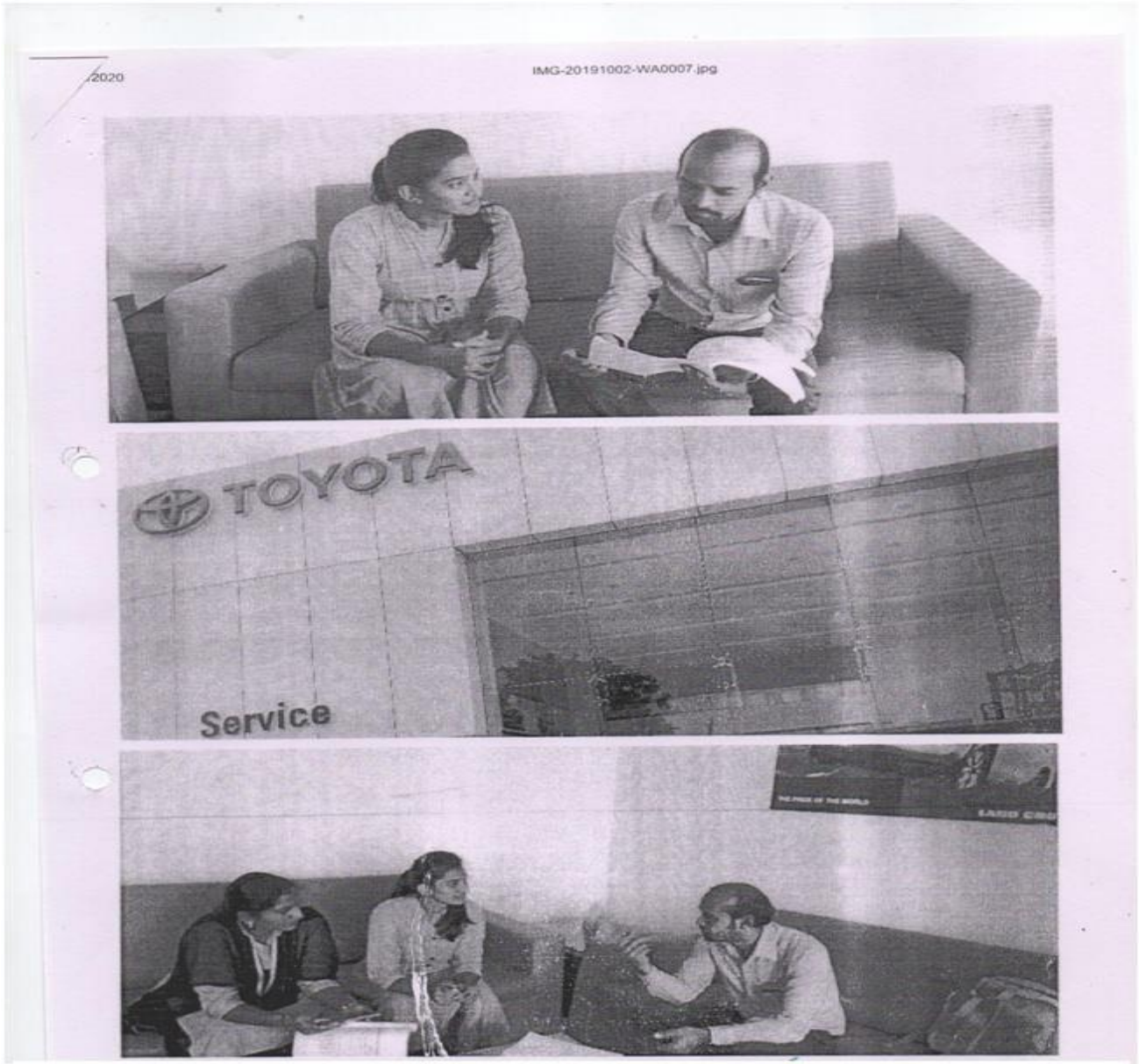


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Rajini

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SUMATHI REDDY

INSTITUTE OF TECHNOLOGY FOR WOMEN

L e a r n i n g a t i t s b e s t

Affiliated to JNTUH - Approved by AICTE



Rajini

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WARANGAL - 506 371 (T.S.)





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INSTITUTE OF TECHNOLOGY FOR WOMEN

L e a r n i n g a t i t s b e s t

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PROJECT PROPOSAL FORM

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

DT: 29-07-2019

Title of the Project : She Bracelet for the Women Protection

Duration of the Project : 2019-2020

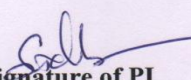
Name of the Department : CSE

Principal Investigator : Ch. Siddharth, Designation : Asst. prof.

Co-Principal Investigator(s) :


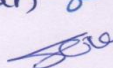


Sl. No.	H.T. No.	Full Name
1	176Y1A0521	Ch. Saloni Kanna.
2	176Y1A0497	Y. Abhigna
3	176Y1A0583	Rasha J
4	176Y1A0450	K. preethi

Project Estimation : 1,85,000 (In Lakhs)

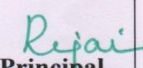

Signature of PI

(Approved / Not approved)

Committee

1. Dr. E. Sundareshan 
2. Dr. N. Srivani 
3. Dr. M. Gopal 
4. Mr. M. Rajith Kumar 

An amount of 1,70,000/- has been sanctioned.


Principal



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Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (T.S.)

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INSTITUTE OF TECHNOLOGY FOR WOMEN

L e a r n i n g a t i t s b e s t

Affiliated to JNTUH - Approved by AICTE

Project Title:

Bracemate (A Novel women safety enhancement device with automated distress time video recording)

Problem Identification Statement:

In the present time, there is a serious security threat for women in society. The majority of women do not feel safe alone on the streets, at the workplace, in markets, at night time and even at home. Escalating crimes are taking place against women all over the country. Crimes such as sexual assault, eve-teasing, harassment, rape, etc are frequently being committed despite the law of the country.

There is an urgent need for the protection of women against these heinous crimes. Safety is our number one priority.

To deal with this situation, it is critical to inform and update our family members, police and acquaintances about our current location so that they could rescue us before any potential crime could take place.

Solution:

Our bracemate (She Bracelet) is a smart gadget that sends SMS with exact location of the person in distress to a pre registered emergency contact and the nearest police station, with just at a press of a button. An inbuilt voice recorder & camera are also included in the device that gets activated in distress to take audio and video of the surroundings.

The user will have the below advantages:

1. Live location tracker: This will send the live location to the cops and registered mobile numbers in the form of an SMS.
2. A camera: This will record the incident.
3. Calling option: This alerts the cops and the registered numbers whenever required.

Requirement Specifications:

General Specifications:

1. Bracemate has a button that when pressed sends SMS of exact location (via Google Maps link) of the person in distress to registered emergency contact(family members or acquaintances) and the nearest police station.
2. Once the button is pressed, an inbuilt camera with voice recorder gets activated to records the surrounding of the victim.



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Technical Specifications:

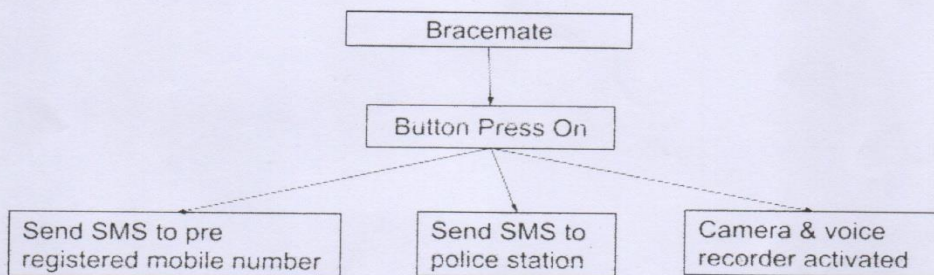
Hardware:

- 1) Arduino Nano V3.0
- 2) GPS module Ublox Neo-6M
- 3) GSM Sim800L module
- 4) Voice recorder and playback
- 5) Camera(mini)

Software:

- 1) Arduino IDE
- 2) Proteus 8.0 (For simulation purposes)

Functional Decomposition & Conceptual Design:



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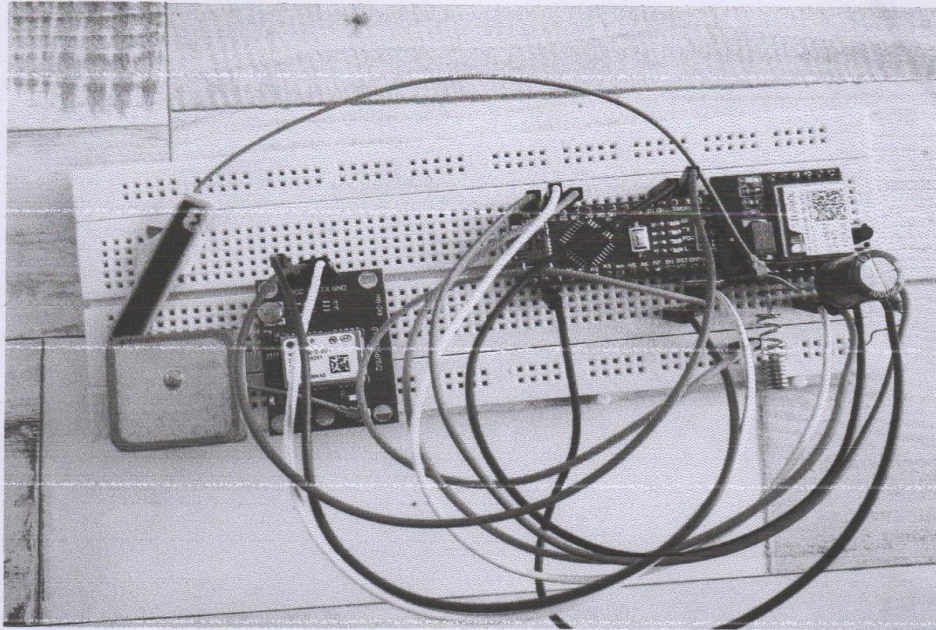


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Rejai

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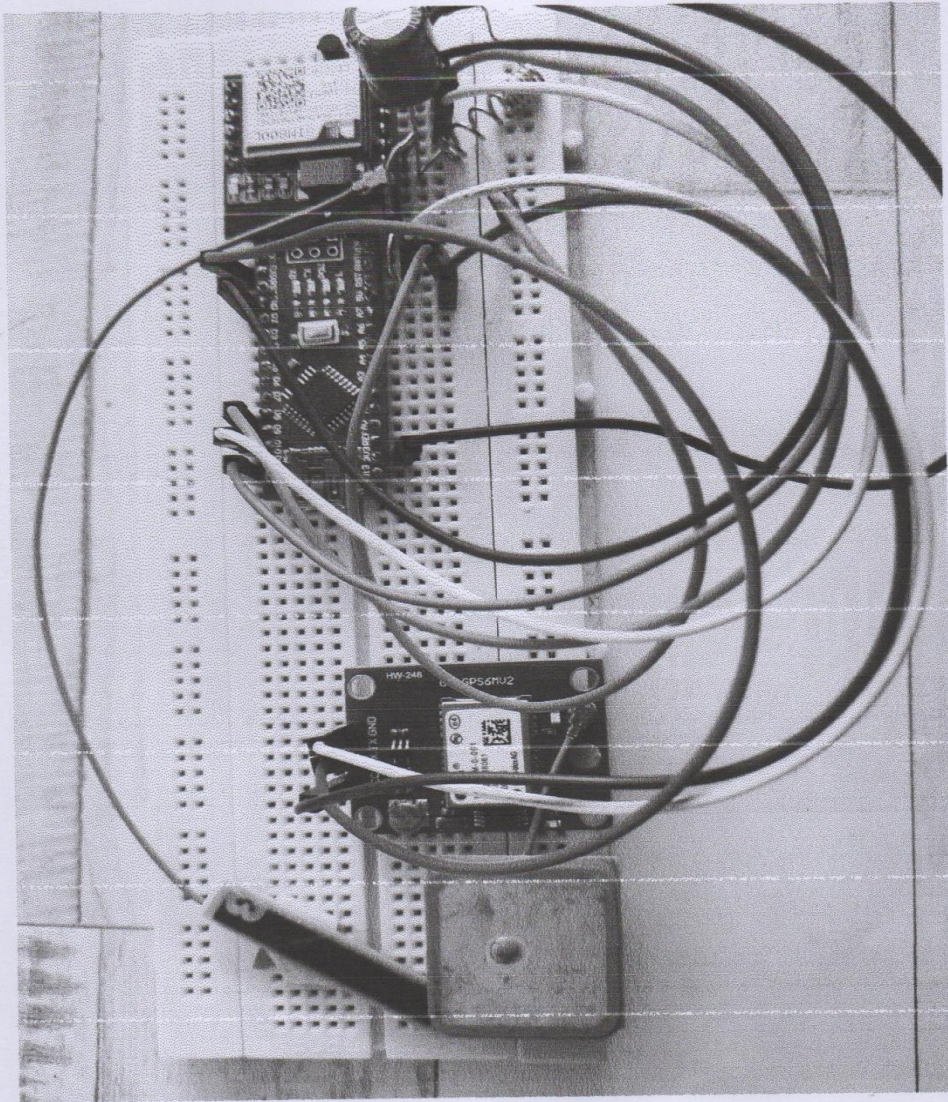


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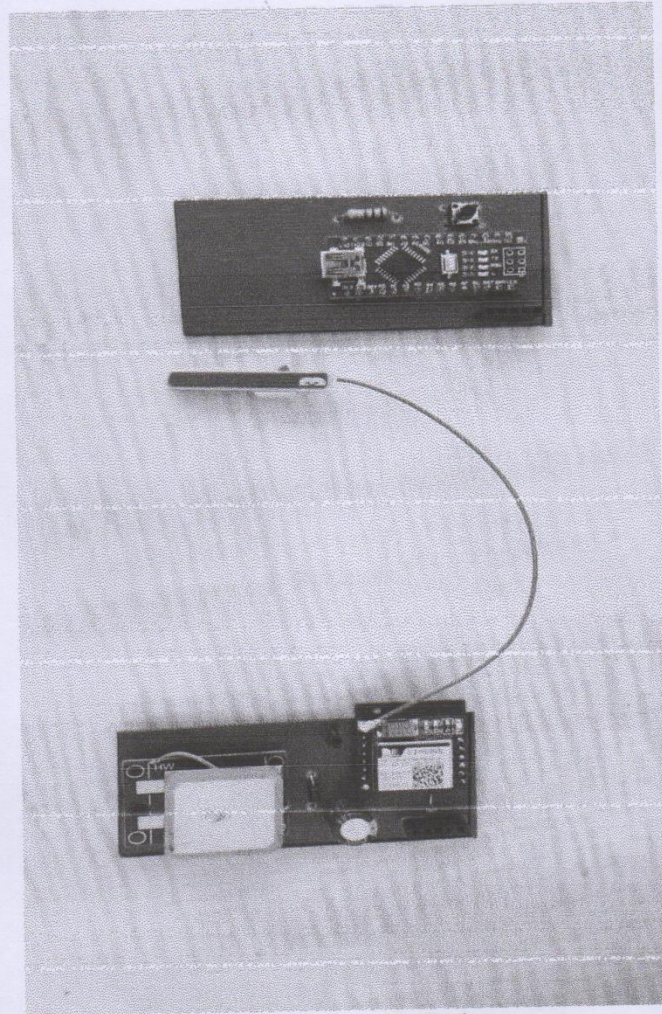


Photo of She bracelet Project



Rijan
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PROJECT PROPOSAL FORM

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Dt: 27-07-2019

Title of the Project : IOT Based Live Video status and Tracking Security for School Bus

Duration of the Project : 2019-2020

Name of the Department : CSE

Principal Investigator : Dr. E. Sudarshan, Designation : Associate Prof.

Co-Principal Investigator(s) :





Sl. No.	H.T. No.	Full Name
1	196Y5A0414	M. Madhumitha
2	186Y1A0403	A. Manichandana
3	186Y1A05A6	G. Supriya
4	186Y1A0567	M. Swetha

Project Estimation : 2,50,000/- (In Lakhs)

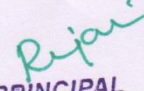

Signature of PI

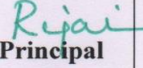
(Approved / Not approved)

Committee

1. Dr. E. Sudarshan 
2. Dr. N. Srivani 
3. Dr. M. Gopal 
4. Mr. M. Rajitha Kumar 

An amount of 2,80,000/- has been sanctioned.


PRINCIPAL


Principal



Sumathi Reddy Institute of Technology for Women
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L e a r n i n g a t i t s b e s t

Affiliated to JNTUH - Approved by AICTE

NewGen IEDC PROJECT

Batch No.

Project Title : IOT BASED LIVE STATUS AND TRACKING SECURITY FOR SCHOOL BUS

Academic Year : 2019-2020

Class / Section : ECE and CSE

Project Type : IOT

Total Team Members: 4

S. No.	Students Name	Roll No.	Roles	Contact No.	Email ID
1.	M. Madhumitha	186Y5A0414		7032713983	mittapalli madhu mitha@gmail.com
2.	A. Mani Chandana	186Y1A0A03		7337070337	manichandana depu@gmail.com
3.	G. Supriya	186Y1A05A6		9390479472	supriya gande 69 @gmail.com
4.	M. Swetha	186Y1A0567		9100769414	Mattapally Swetha 1234@gmail.com

Supervisor / Guide Name and Signature:

S. No.	Supervisor Name	Department	Designation	Signature
1	Dr. E. Sudarshan	CSE	HOD & Associate Professor	
2	Ch. Padmaaba	ECE	Assistant Professor	



Rejani
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Title : IoT based live status and tracking security for school bus

Problem Identification statement :

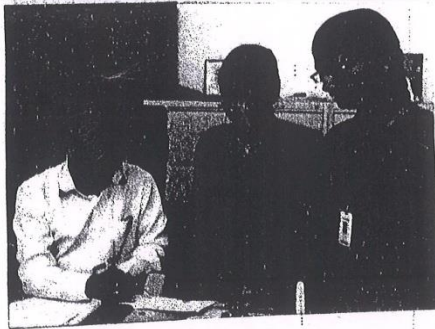
As we know that transportation vehicles how much dangerous and insecure. Even bus drivers also driving vehicle negligently and harshly. To controlling them and knowing the status of vehicle we are here gathered information from various sources as give below. To addressing their problems, we are here designing 'a complete vehicle monitoring system' and it gives information to the respective persons the situation like principal, managements, Parents, Hospitals, Fire stations and social activists.

Problems Identified areas:-

- Educational Institution's
- Industries.

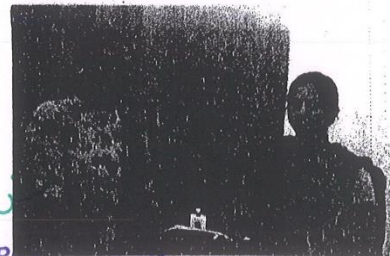
→ Government and Non Government Transportation system.

Community Partner Photo :



SREC - Warangal

SUMATHI REDDY Institute of Technology for women



Reja PRINCIPAL Sumathi Reddy Institute of Technology for Women Ananthasagar (V), Hasanparthy (M) WARANGAL - 506 371 (T.S.)

SR Group of Institutions, Warangal. Sparkhill International School, Warangal.





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L e a r n i n g a t i t s b e s t

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PROJECT PROPOSAL FORM

Date : 30-7-2019

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Title of the Project : Vehicle Maintenance and Mileage Tracker
-APP

Duration of the Project : 2019-20

Name of the Department : C.S.E

Principal Investigator : B. Prabhanjan Yadav, Designation : Asst. Prof.

Co-Principal Investigator(s) :





Sl. No.	H.T. No.	Full Name
1	196Y1A0546	Juluri Nikhitha sai
2	196Y1A0582	Vancha Nandini
3	196Y1A0556	kukal sanjana
4	196Y1A0587	Yada Srivalti
5		
6		

Project Estimation : 2,45,000/-


Signature of PI

(Approved / Not approved)

Committee

1. Dr. Sudaashan 
2. Dr. N. Srinani 
3. Dr. M. Gopal 
4. Mr. M. Ranjith kumar 

Rejected


Principal




Principal

Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
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CIRCULAR

Off/SRITW/NewGen IEDC/2021-2022/001

Dt: 20/07/2021

It is hereby informed to all the faculty members that NewGen IEDC is sanctioning funding assistance to Innovative ideas & Prototype development. Interested faculty can apply for funding on or before 31/07/2021. Faculty can select students from all branches.

Rajai
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Copy to

1. All HoD's (ECE & CSE)
2. Administrative Officer
3. NewGen IEDC Cell

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CIRCULAR

Off/SRITW/NewGen IEDC/2021-2022/02

Dt: 11/08/2021

The enclosed list of innovative projects is shortlisted for funding under the NewGen IEDC sponsored by DST and NSTEDB implemented by EDII, Ahmedabad.

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Copy to

1. All HoD's (ECE & CSE)
2. Administrative Officer
3. NewGen IEDC Cell



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List of Shortlisted Projects (2021-2022):

	Idea/Project Name	Mentors	Students involved	H. T. No.	Amount Sanctioned
1.	Spring Assisted Bumper for Automobiles	Dr. E. Sudarshan, Asst. Prof, CSE	Akula Chandana	206Y5A0501	2,20,000/-
			Vadala Niharika	206Y1A6650	
			Kunduru Triveni	186Y1A0557	
			Abbu Arpitha	216Y1A6201	
2.	Spraying Machine	Mr.Mendu Mruthyunjaya Asst. Prof, CSE	Akkalla Chandhana	216Y1A6701	2,30,000/-
			Jeripothula Chandana	206Y1A0428	
			Bhupathi Harika	196Y1A0418	
			Dasu Ankitha	196Y1A0428	
3.	Paddy/Grass cutter	Mr. A. Mahesh, Asst. Prof, CSE	Supriya Gande	186Y1A05A6	2,50,000/-
			Palle Sneha	196Y1A0576	
			Undrathi Navyasree	196Y1A05A7	
			Shimrana Parveen	216Y5A0420	
4.	Power Weeder/Cultivator	Mr. Ravi Kiran K, Asst. Prof, ECE	Enugala Soujanya	206Y1A0419	2,80,000/-
			Vanga Vyshnavi	216Y1A66B3	
			Thallapally Milancy Rani	196Y1A05A2	
			Musuku Gagana	186Y1A0574	
5.	Paddy Planter	Mrs. S. Sweth, Asst. Prof, CSE	Thogiti Poojitha	186Y1A05A9	2,20,000/-
			Kathroju Shivani	186Y1A0552	
			Tirunagari Rithika	196Y1A05A4	
			Matta Ragini	206Y1A0436	
6.	Multi-purpose weeding, fertilizer spray, and leafy vegetable cutting, bundling machine	Mr. K. Ranganath, Asst. Prof, CSE	Unavath Aparna	206Y1A0437	1,90,000/-
			Iripuram Navya	206Y1A0591	
			Aduri Preethi	196Y1A05A0	
			Hallapally Milancy Rani	196Y1A05A2	



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S. No	Idea/Project Name	Mentors	Students involved	H. T. No.	Amount Sanctioned
7	Seeding Machine	Mr. M. Ranjith Kumar, Asst. Prof, CSE	Palla Rowshni	206Y1A0440	2,80,000/-
			Saniya	206Y1A0588	
			Yerrabelli Srinithya	196Y1A05B8	
			Pogula Indu	196Y1A05B9	
8	Cheff Granny	Mr.V. Srinivas, Asst. Prof, CSE	Pendyala Haritha	206Y1A0445	3,50,000/-
			Alendra.Sravya	206Y1A0587	
			Anthadupula Vishwatejaswini	206Y5A0402	
			Appana Sai Ujwala	206Y5A0403	
9	Roti Maker	Mr.G. Ranadheer Reddy, Asst. Prof, CSE	Madiga Prathyusha	216Y5A0414	2,80,000/-
			Vennela Kadipikonda	216Y1A6761	
			Suram Supraja	196Y1A0487	
			Thaireddy Keerthika	196Y1A0488	
10.	Solar based fishing robot	Mr.B. Prashanth, Asst. Prof, CSE	Alli Kavya	206Y1A0503	2,20,000/-
			Vedhakshari	216Y1A6247	
			Yerrabelli	196Y1A04A2	
			Vemuri Pooja	196Y1A04A3	
11.	Solar Sea Water Desalination Machine With RO UV Purifier	Mr.E. Hari Krishna, Asst. Prof, CSE	Ayesha Nishath	206Y1A0504	2,80,000/-
			Thota Shivasaini	216Y1A6244	
			Bhura Vasavi	206Y5A0407	
			Boini Sandhya	206Y5A0408	
12	Swachh Vaayu	Ms. V. Pranathi, Asst. Prof, CSE	Kappala Srilatha	206Y1A0539	2,50,000/-
			Polsani Sushmitha	216Y1A6251	
			Bikkineni Ashwitha	196Y1A0509	
			Billakanti Poojitha	196Y1A0510	
13	Uni-Cycle	Mrs. S. Vishali, Asst. Prof, CSE	Velpula Pranaya	216Y1A6248	2,70,000/-
			Bodige Tejasri	196Y1A0513	
			Nekkanti Pavani Sri Nagavalli	196Y1A0573	
			Kasuri Ramya	206Y1A0540	



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S. No	Idea/Project Name	Mentors	Students involved	H. T. No.	Amount Sanctioned
14	Fork Lifter	Mrs. T. Sravanthi, Asst. Prof, CSE	Vedhakshari Yerrabelli	216Y1A6247	2,10,000/-
			Kawade Jyothi	206Y1A0541	
			Bommasani Divya	196Y1A0517	
			Nalubala Haripriya	196Y1A0571	
15	Grain Collector and Bagging System	Mr. G. Mahesh, Asst. Prof, ECE	Akula Tanvi	216Y1A6703	2,70,000/-
			Challa Hima Bindu	196Y1A0519	
			Reddy Vyshnavi	206Y1A6646	
			Nagula Vyshnavi	196Y1A0569	
16	Potato Slicer cum cutter	Mr. M. Anitha, Asst. Prof, ECE	Akshitha Gajula	216Y1A6702	1,00,000/-
			Sirishetty Sreeja	206Y1A6647	
			Chenna Shravani	196Y1A0522	
			Chidarla Neha	196Y1A0523	
17	Women safety patrolling robot	Mrs.Ch.Padmaja, Asst. Prof, ECE	Suram Keerthi	206Y1A6648	3,40,000/-
			Akkalla Chandhana	216Y1A6701	
			Gajjala Shrenitha	196Y1A0533	
			Gande Sravya	196Y1A0534	
18	Smart Heart Monitor	Dr. M. Gopal, Asst. Prof, ECE	Vadlakonda Sriya	206Y1A6651	2,50,000/-
			Vanga Vyshnavi	216Y1A66B3	
			Gunda Anuhya	196Y1A0543	
			Gurram Meghana	196Y1A0544	
			Vanga Vyshnavi	196Y1A0432	
			Gunda Anuhya	196Y1A0484	
19	Lifting supporter for Bedridden Patients	Dr. K. Mahendar, Asst. Prof, ECE	Suram Keerthi	196Y1A0586	2,60,000/-
			Akkalla Chandhana	196Y1A0485	
			Gajjala Shrenitha	196Y1A0424	
			Gande Sravya	206Y5A0418	



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List of Projects Rejected 2021-2022

S. No	Idea/Project Name	Mentors	Students involved	H. T. No.	Status
1	Android Task monitoring	S.Swetha Asst.Prof.,CSE	B.Charitha	186Y1A0515	Rejected
			D.Soundarya	186Y1A0524	
			M.Manasa	176Y1A0557	
			J.SaiNikhila	166Y1A0549	
2	Data Leakage Detection System	K.RanganathAsst.Prof.,CSE	Saniya	206Y1A0588	Rejected
			S.Rachana	206Y1A0594	
			V.Ramya	206Y1A05A2	
			V.Sai Chandana	206Y1A05A4	
			K.Arishma	196Y1A0554	
			V.Jahnavi	196Y1A05B3	
3	Internet of Things(IoT) for Bank Locker System	P. Divya Asst.Prof., ECE	B. Subhashini	186Y1A0422	Rejected
			Ch. Ramya	186Y1A0424	
			K. Mouika	186Y1A0551	
			B. Shirisha	196Y1A0410	
4	Smart Street Lights using IoT	M. Sravanthi Asst.Prof., ECE	S. Nikhitha	196Y1A0486	Rejected
			T. Akhila	196Y1A0491	
			S. Devisri	196Y1A0597	
			G. Anuhya	196Y1A0543	
			T. Keerthika Reddy	196Y1A0488	
			G. Meghana	196Y1A0540	
5	Smart Electricity Meter using IoT	Ch. Harish Asst.Prof., ECE	K. Vasavi	196Y1A0453	Rejected
			B. Manasa	196Y1A0423	
			G. Vaishnavi	186Y1A0437	
			M. Shwetha	186Y1A0567	
			B. Sindhuja	196Y1A0515	

Ryari

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L e a r n i n g a t i t s b e s t

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PROJECT PROPOSAL FORM

DE: 07-07-21

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Title of the Project : Spring Assisted Bumper for Auto Mobiles

Duration of the Project : 2021-2022

Name of the Department : CSE

Principal Investigator : Dr. E. Sudaashan, Designation : Associate Prof.

Co-Principal Investigator(s) :





Sl. No.	H.T. No.	Full Name
1	206Y5A0501	Akula Chandana
2	206Y1A6650	Vachla Niharika
3	186Y1A0557	Kunduru Tiveni
4	216Y1A6201	Abbu Arpitha

Project Estimation : 2,30,000/- (In Lakhs)



Signature of PI

(Approved / Not approved)

Committee

1. Dr. E. Sudaashan 
2. Dr. N. Srivani 
3. Dr. M. Gopal 
4. Mr. M. Rajith Kumar 

An amount of 2,20,000/- has been sanctioned


Rajaraj
Principal




Rajaraj

PRINCIPAL

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Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (T.S.)





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L e a r n i n g a t i t s b e s t

Affiliated to JNTUH - Approved by AICTE

Details of Student Projects (2021-2022)

Project-1, Title: Spring Assisted Bumper for Automobiles

1. Mentor's name: Dr. E. Sudarshan
2. Student Team Names

S.No	Name of the student	Aadhaar Number	H.T.No	Mobile
1	Akula Chandana	297723285710	206Y5A0501	9398844730
2	Vadala Niharika	690016996930	206Y1A6650	7702537881
3	Kunduru Triveni	317608511294	186Y1A0557	7013386822
4	Abbu Arpitha	7563 7223 9686	216Y1A6201	9849572974

3. Project description:

When an obstacle hits the safety guard, the taper pin which is locked in locking holes breaks, spring coils initially which are in a compressed state inside the hollow cylinders expands which makes the shaft move forward (In-vehicle moving direction) to resist the applied load. The complete setup is placed at the usual bumper position of an automobile.

Case 1:

If the applied load is at 15 N, then the taper pin breaks (shears) automatically spring moves in opposite direction.

Case 2:

If the load is more than 15 N, then taper pin breaks similar to the case-1 here the spring coil undergoes some more deflection (more than case-1) then the shaft moves opposite direction.

Finally, the fabricated bumper system resists the applied load with no or minimal damage.

4. Project Status at the beginning of the year:
5. Interventions made : Spring assistance technology is introduced
6. Current status : Prototype



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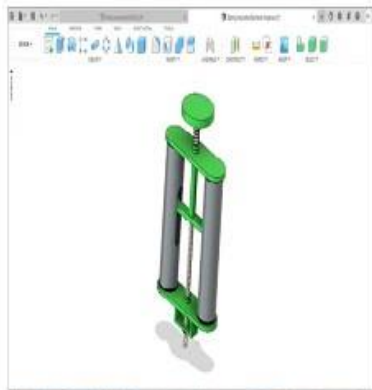
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7. Project Images:



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PROJECT PROPOSAL FORM

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Dt:- 7/7/21

Title of the Project : Spraying Machine

Duration of the Project : 2021-22

Name of the Department : CSE

Principal Investigator : Mendu Muthyujayar, Designation : Asst- prof

Co-Principal Investigator(s) :

Sl. No.	H.T. No.	Full Name
1	216Y1A6701	Akkalla Chandhana
2	206Y1A0428	Jesipotula Chandana
3	196Y1A0418	Bhupathi Harika
4	196Y1A0428	Dasari Anitha

Project Estimation : 2,50,000/- (In Lakhs)


Signature of PI

(Approved / Not approved)

Committee

1. Dr. E. Sundaishan 
2. Dr. N. Srivani 
3. Dr. M. Gopal 
4. Mr. M. Ranjith Kumar 

An amount of 2,30,000/- has been sanctioned.


Principal



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Project-2- Title: Spraying Machine

1. Mentor's name: Mr. M. Mrutyunjeya
2. Student Team Names

S. No.	Name of the student	Aadhaar Number	H. T. No.	Mobile
1	Akkalla Chandhana	842086429163	216Y1A6701	9705387360
2	Jeripothula Chandana	5232 4003 6499	206Y1A0428	7993839916
3	Bhupathi Harika	21744751133	196Y1A0418	9701414852
4	Dasu Ankitha	958153274375	196Y1A0428	9666913718

3. Project description:

There are many types of pesticides sprayer are available in India. But mostly used sprayer is backpack type sprayer which is used by farmers because it is cheaper, easy to use and main thing about it is less costly. With the help of this machine farmer spray pesticides in their farm, but it requires lot of time and thus high operational cost. Also, the farmer which is spraying pesticides is affected by it as it is harmful to human health and human also affect by the lumbar pain due to weight of equipment.

The robot is designed for simplicity and value for money, while still being able to effectively spray plants. The robot is capable of driving to the end and back requiring then not to be manually moved to the next row to continue spraying. This is then repeated for each row in field. Figure shows the prototype design, which is used to allow the precise placement and organization of all components. From the micro-controller placement to aligning individual nut and bolts, each component is modeled into place to ensure the most space efficient design, minimizing the physical dimensions of the robot, while keeping all simplicity and functionality

4. Project Status at the beginning of the year:
5. Interventions made : Automation
6. Current status : Prototype



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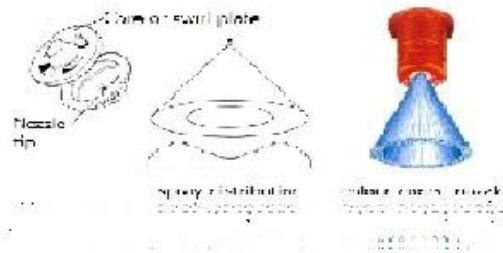
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7. Project Images:



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PROJECT PROPOSAL FORM

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Dt: 09-07-21

Title of the Project : Paddy/Cross cutter

Duration of the Project : 2021-2022

Name of the Department : CSE

Principal Investigator : MY. A. Mahesh, Designation : Asst. Prof

Co-Principal Investigator(s) :

Sl. No.	H.T. No.	Full Name
1	186Y1A05A6	Supriya Grande
2	196Y1A0576	Palle Sneha
3	196Y1A05A7	Undranthi Navya tree
4	216Y5A0420	shimrana Parveen

Project Estimation : 2.80,000/- (In Lakhs)

Signature of PI

(Approved / Not approved)

Committee

1. Dr. E. Sudaeshan
2. Dr. N. Sivani
3. Dr. M. Gopal
4. Mr. M. Ranjith

An amount of 2,50,000/-
has been sanctioned

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Project-3- Title: Paddy/ Grass Cutter

1. Mentor's name: Mr. A. Mahesh
2. Student Team Names

S.No	Name of the student	Aadhaar Number	H.T.No	Mobile
1	Supriya Gande	787675032755	186Y1A05A6	9989190573
2	Palle Sneha	419808540038	196Y1A0576	8639794115
3	Undrathi Navyasree	544251571866	196Y1A05A7	9502391382
4	Shimrana Parveen	724243632496	216Y5A0420	8317528487

3. Project description:

For many years we have known that farmers are facing so many problems in reaping and harvesting. There are so many tools and machines that can cut the paddy but there are many existing solutions but farmers are not satisfied. With these solutions they are facing health issues like back pain as it has heavy weight and also causes injuries during operation. The main objective of our project is to innovate a paddy cutting machine that reduces manual work in reaping at low cost so that all kinds of farmers can easily handle and afford it.

A paddy cutting machine that reduces manual work while reaping, at low cost so that all kinds of farmers can easily handle and afford it. We are planning to innovate a new version of paddy cutter that performs angular rotation by a quick return mechanism where the farmer is supposed to move the machine forward manually with the help of three wheels attached at the bottom of the machine and also we have arranged a handle for the farmer to hold it comfortably in order to make the machine move as required and cutting operation is performed automatically. The cutter is provided with sharp blades that rotate at higher speed which is sufficient to cut the paddy crops easily.

4. Project Status at the beginning of the year:
5. Interventions made : Automation
6. Current status : Prototype



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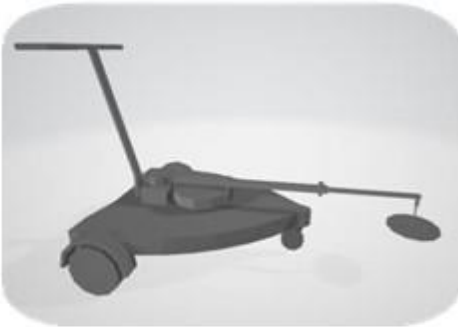
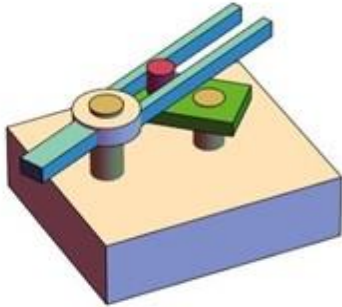
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7. Project Images:



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PROJECT PROPOSAL FORM

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Dt: 08-07-21

Title of the Project : Paddy Planter

Duration of the Project : 2021-2022

Name of the Department : CSE

Principal Investigator : Shwetha.S, Designation : Asst.Prof

Co-Principal Investigator(s) :

Sl. No.	H.T. No.	Full Name
1	186YIA05A9	Thogiti Poojitha
2	186YIA0552	Kathraju shivani
3	196YIA05A4	Tirunagari Rithika
4	206YIA0436	Matta Rajini

Project Estimation : 2,45,000/- (In Lakhs)

Signature of PI

(Approved / Not approved)

Committee

1. Dr. E. Sudaeshan
2. Dr. N. Srivani
3. Dr. M. Gopal
4. Mr. M. Rajith Kumar

An amount of 2,20,000/-
has been sanctioned

Principal



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Project-5- Title : Paddy planter

1. Mentor's name: Mrs. S. Swetha

2. Student Team Names

S.No	Name of the student	Aadhaar Number	H.T.No	Mobile
1	Thogiti Poojitha	452358526715	186Y1A05A9	9866951060
2	Kathroju Shivani	377595644171	186Y1A0552	9866492982
3	Tirunagari Rithika	788985573995	196Y1A05A4	8897404224
4	Matta Ragini	8543 0967 0311	206Y1A0436	7075233126

3. Project description:

Agriculture is most important sector of the Indian economy. It is most important source of employment for the majority of the work force in the country. Rice is primary and major crop cultivated in India. As the large workforce is engaged in this sector. Traditional method is costly, time consuming and labour intensive work. To make the transplanter system several attempt has been made to design and fabricate this machine. In the present experimental set up when the machine is pushed from paddy support plate in the field for operating it, the base wheels rotate in anticlockwise direction. This produces power which is transmitted towards mechanical arms with the help of chain drive. Here, gear pair plays a vital role as it changes the rotational direction from anticlockwise to clockwise direction. The mechanical arms start oscillating on its axis. While oscillating it grabs the paddy seedlings from paddy support plate and plants it in the field. So, finally rice planting of rice seedlings can be performed.

4. Project Status at the beginning of the year:

5. Interventions made: Automation

6. Current status: Prototype



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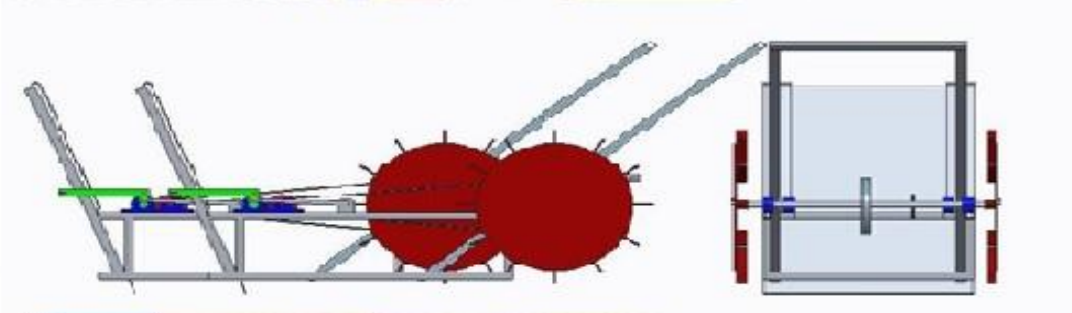
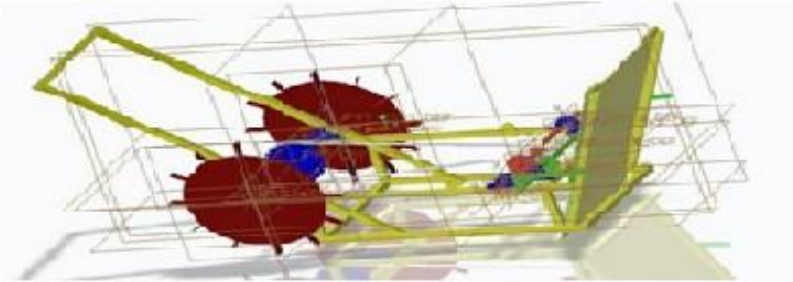
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7. Project Images:



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PROJECT PROPOSAL FORM

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

DE: 09-07-21

Title of the Project : Multi-purpose weeding, fertilizer, spray
and leafy vegetable cutting, bundling machine.

Duration of the Project : 2021-2022

Name of the Department : CSE

Principal Investigator : K. Ranganath, Designation : Asst. prof

Co-Principal Investigator(s) :

Sl. No.	H.T. No.	Full Name
1	206YIA0437	Unavath Aparna
2	206YIA0591	Tripuram Navya
3	196YIA05A0	Aduri preethi
4	196YIA05A2	Hallapally Milanayani

Project Estimation : 2,10,000/- (In Lakhs)

K.R.
Signature of PI

(Approved / Not approved)

Committee

1. Dr. E. Sudareshan *ES*
2. Dr. N. Srivani *NS*
3. Dr. M. Gopel *GM*
4. Mr. M. Rajitha Kumar *MRK*

An amount of 4,90,000/- has been sanctioned.

Rajini
Principal



Rajini

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Project-6- Title : Multi-purpose weeding, fertilizer spray, and leafy vegetable cutting, bundling machine

1. Mentor's name: Mr.K.Ranganath

2. Student Team Names

S.No	Name of the student	Aadhaar Number	H.T.No	Mobile
1	MUNAVATH APARNA	3884 6064 4819	206Y1A0437	7075040937
2	SIRIPURAM NAVYA	9546 8561 0526	206Y1A0591	8008672549
3	TADURI PREETHI	939401534549	196Y1A05A0	9929938602
4	THALLAPALLY MILANCY RANI	775725523988	196Y1A05A2	8919314349

3. Project description:

Farm labourers are needed to weed the field, spray the fertilizer, cut the leaves and tie the bundles and send them to market. A farm labourer is very important for every farm work and the farmer has to pay a lot of money for it. To reduce staffing, we solve the problem of doing things with less effort. This project is semi automated mechanical device. It uses frame to hold all components and handle to move it manually. Dc motor with a gear box is used to control the speed of action. Crop divider is used to segregate the crops and provided with a cutting bar. Conveyor belt is used for proper bundling and transportation of leafy vegetables. A cut adjustment wheel to adjust the level at which the leafy vegetables are to be cut.

4. Project Status at the beginning of the year:

5. Interventions made : Automation

6. Current status : Prototype



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7. Project Images:



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PROJECT PROPOSAL FORM

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Dt: 08-07-21

Title of the Project : Seeding Machine

Duration of the Project : 2021-2022

Name of the Department : CSE

Principal Investigator : M.Ranjith Kumar, Designation : Asst.Prof

Co-Principal Investigator(s) :

Sl. No.	H.T. No.	Full Name
1	20641A0440	Palla Rowshni
2	20641A0588	Saniya
3	19641A05B8	Yezabelli Srinithya
4	19641A05B9	Pogula Indu

Project Estimation : 3,00,000/- (In Lakhs)

Signature of PI

(Approved / Not approved)

Committee

1. Dr. E. Sudarshan
2. Dr. N. Sivani
3. Dr. M. Gopal
4. Mr. M. Ranjith Kumar

An amount of 2,50,000/-
has been sanctioned.

Principal



Principal

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Project-7- Title : Seeding Machine

1. Mentor's name: Mr.M. Ranjith

2. Student Team Names

S.No	Name of the student	Aadhaar Number	H.T.No	Mobile
1	Palla Rowshni	7737 7114 5892	206Y1A0440	8688751548
2	Saniya	2328 0196 8306	206Y1A0588	7396960464
3	Yerrabelli Srinithya	976282875735	196Y1A05B8	8500313020
4	Pogula Indu	304220593716	196Y1A05B9	8106729484

3. Project description:

Sowing is the most important process in farming. It is a very tiring and time consuming process that requires a lot of human effort. Here we propose the design and fabrication of a fully automatic seed sowing robot that automates this task. Here we propose the design and fabrication of a fully automatic seed sowing robot that automates this task. The proposed robot uses four motors for running it in desired directions. We use a small bracket for pouring seeds. The robot consists of a funnel like arrangement in order to pour seeds into a lower container. There we use a shaft with gear like bucket teeth to pick up limited quantity of seeds and pour them on the ground in a steady manner in proper quantity. The front of the robot consists of a bent plate that drags on the soil to make a slot ahead of the machine before seeds are poured in it. The back portion of the robot consists of a tail like bent rod that is again used to pour soil on seeds sowed thus covering them with soil. Thus the system completely automated the seed sowing process using a smartly designed mechanical robotic system.

4. Project Status at the beginning of the year:

5. Interventions made : Automation

6. Current status : Prototype



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7. Project Images:



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PROJECT PROPOSAL FORM

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Dt: 07-07-21

Title of the Project : chiff Granny

Duration of the Project : 2021 - 2022

Name of the Department : CSE

Principal Investigator : V. Srinivas, Designation : Asst. Prof.

Co-Principal Investigator(s) :

Sl. No.	H.T. No.	Full Name
1	206Y1A0445	Pendyala Haritha
2	206Y1A0583	Alendra Sravya
3	206Y5A0402	Anthadupula Vishuntejaswini
4	206Y5A0403	APPana Sai Ujjwala

Project Estimation : 4,00,000/- (In Lakhs)

Signature of PI

(Approved / Not approved)

Committee

1. Dr. E. Sudaishan
2. Dr. N. Sivani
3. Dr. M. Gopal
4. Mr. M. Ranjith Kumar

An amount of 3,50,000/- has been sanctioned.



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Project-8- Title: Chef Granny

1. Mentor's name: Mr.V. Srinivas

2. Student Team Names

S.No	Name of the student	Aadhaar Number	H.T.No	Mobile
1	Pendyala Haritha	2638 6400 7576	206Y1A0445	8341631816
2	Salendra.Sravya	5996 1746 9652	206Y1A0587	9652968836
3	Anthadupula Vishwatejaswini	542307722207	206Y5A0402	9121882404
4	Appana Sai Ujwala	980026167149	206Y5A0403	9441479552

3. Project description:

After visiting several nuclear family houses we found a real-time problem where parents were busy with duties for them cooking food was the biggest problem. So that is the reason the curries points were running successfully in major cities. If the parents are in the office and/or the dependents are absolutely waiting for them to get fresh food at the specified time, we have a solution for it that is called **Chef Granny** to solve the problem. This project uses an automated system using AI and arduino boards. The device contains various sized bowls to hold the items needed. It is well programmed and user friendly to enter details of species as per the user requirement. A display is provided for better user interaction. As per the choices of the user, the curry is prepared without losing natural taste.

4. Project Status at the beginning of the year:

5. Interventions made : Automation

6. Current status : Prototype

7. Project Images:



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PROJECT PROPOSAL FORM

Dt: 09-07-21

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Title of the Project : Roti Maker

Duration of the Project : 2021 - 2022

Name of the Department : CSE

Principal Investigator : G. Ravadheer Reddy, Designation : Asst. Prof.

Co-Principal Investigator(s) :

Sl. No.	H.T. No.	Full Name
1	21645A0414	Madiga Prathyusha
2	21641A6761	Vennela Kadipikonda
3	19641A0487	Suram Supraja
4	19641A0488	Thaireddy Keertika

Project Estimation : 3,00,000/- (In Lakhs)

Signature of PI

(Approved / Not approved)

Committee

1. Dr. E. Sudarshan
2. Dr. N. Sri Vari
3. Dr. M. Gopal
4. Mr. M. Ranjith

An amount of 2,80,000/-
has been sanctioned.

Principal



Rajan

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Project-9- Title: Roti Maker

1. Mentor's name: Mr.G. Ranadheer Reddy

2. Student Team Names

S.No	Name of the student	Aadhaar Number	H.T.No	Mobile
1	Madiga Prathyusha	2310 6797 9026	216Y5A0414	9398174086
2	Vennela Kadipikonda	326786802810	216Y1A6761	7842605848
3	Suram Supraja	913589147404	196Y1A0487	8099399873
4	Thaireddy Keerthika	366510127380	196Y1A0488	9177566046

3. Project description:

Market already has some solutions for automatic roti makers but there exists a gap for its size , affordability, level of automation and ergonomics. Given a product to fill these gaps, it has quite a potential to become the next home appliance for a large number of common people.

The Chapathi sheeting unit consists of pneumatic extruder and a dusting and cutting device as the main sub-assemblies as Shown in Fig. Pneumatic Extruder The pneumatic extruder is an important sub-assembly of the Chapathi sheeting unit. The device as shown in Fig. the exclusion is based on compressed gas. The device comprises of a conical vessel, having flanges at its top and bottom, with a provision for admitting compressed gas. A plate having a slot, fixed gas tight on to the bottom of the cylindrical vessel with suitable gasket. A pair of plates is bolted to the bottom plate for varying the thickness of the extruded sheet. The cover plates of the vessel may have additional means such as bolt and nut to make it gas tight. The rested (15min) dough was transferred to the conical vessel of Chapathi Sheeting Unit. The dough was extruded by compressed air under air pressure (4+1 kg/cm²) through a slit adjusted to a width of 0.8mm. The air pressure was adjusted such that the rate of extrusion was maintained constant at 800 mm per min. The circular shaped discs are cut from Chapathi dough. The conical vessel has the drawback of cavitations, which led to the escape of the compressed air and non-uniform extrusion. Improved Pneumatic Extruder In order to overcome the above drawback an improved pneumatic extruder will be developed. The improved device will have the ability for the extrusion of dough into sheet or strands of uniform thickness at a constant rate.

4. Project Status at the beginning of the year:



Rajani
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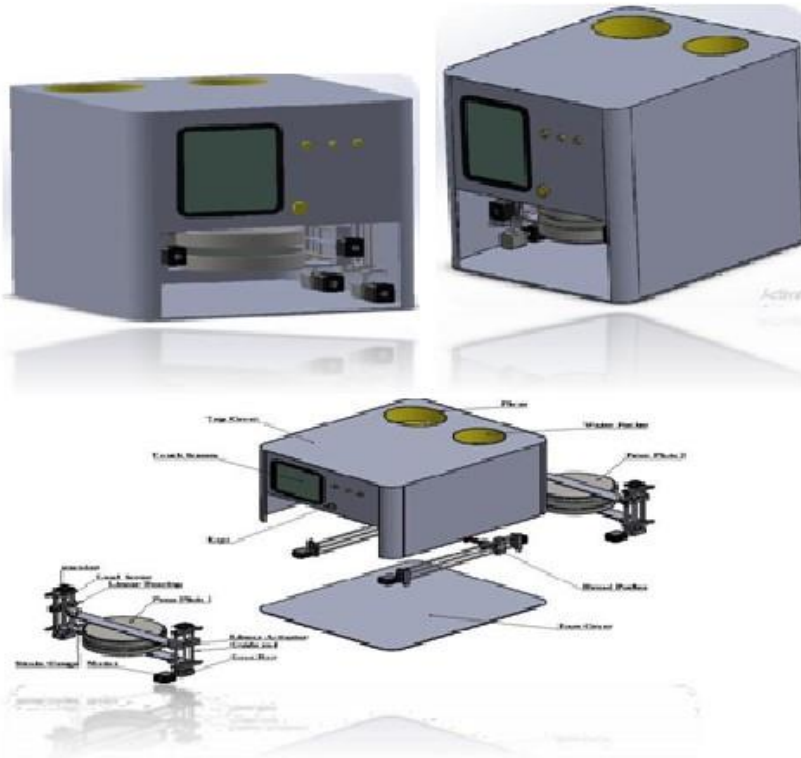


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PROJECT PROPOSAL FORM

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Dt: 09-07-21

Title of the Project : Solar based Fishing Robot

Duration of the Project : 2021-22

Name of the Department : CSE

Principal Investigator : B. Prashanth, Designation : Asst Prof

Co-Principal Investigator(s) :

Sl. No.	H.T. No.	Full Name
1	206Y1A0502	A. Kanya
2	216Y1A6247	X. Vedhathari
3	196Y1A04A2	V. Poja
4	196Y1A04A3	Vengala Poja

Project Estimation : 2,40,000/- (In Lakhs)

BP
Signature of PI

(Approved / Not approved)

Committee

1. Dr. E. Sudaashan
2. Dr. N. Sivani
3. Dr. M. Gopal
4. Mr. M. Rajitha

An amount of 2,20,000/- has been sanctioned

Rajini
Principal



Rajini
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Project-10 - Title: Solar based fishing robot

1. Mentor's name: Mr.B. Prashanth

2. Student Team Names

S.No	Name of the student	Aadhaar Number	H.T.No	Mobile
1	Alli Kavya	4314 0594 6120	206Y1A0503	9392615038
2	Vedhakshari Yerrabelli	214118846473	216Y1A6247	7893161719
3	Vemuri Pooja	971878167384	196Y1A04A2	9491571644
4	Vengala Pooja	53519788770	196Y1A04A3	7386848841

3. Project description:

After visiting the homes of small fishermen who depend on fishing for their livelihood, there we see the common problem of fishing in ponds / small streams and rivers/reservoirs, for which they have to spend all day, sometimes they do not catch a single fish. Typically, they do fishing in stagnant or very low-moving waters but not on heavy water flow.

This project uses solar energy for its working. Solar panels are arranged to capture the sun light to generate the necessary power required. A GPS is used in the system to navigate through the water between the starting and ending point. The system is equipped with water wave and sound wave generator to attract the fishes. One the fishes were attracted to one place, then the fishes will be caught by reducing more time spending and elegantly.

4. Project Status at the beginning of the year:

5. Interventions made : Automation

6. Current status : Design stage



Ref:
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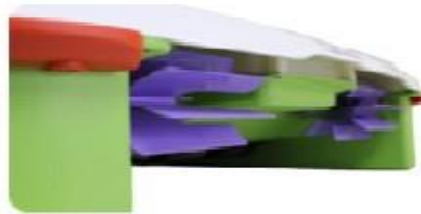
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7. Project Images:



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PROJECT PROPOSAL FORM

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Dt: 07-07-21

Title of the Project : Solar Sea Water Desalination

Duration of the Project : 2021-2022

Name of the Department : CSE

Principal Investigator : E. Harikrishna, Designation : Asst. Prof

Co-Principal Investigator(s) :

Sl. No.	H.T. No.	Full Name
1	206Y1A0504	Ayesha Nishath
2	216Y1A6244	Thotha Shivasaini
3	206Y5A0407	Bhura Vasavi
4	206Y5A0408	Boini Sandhya.

Project Estimation : 3,00,000/- (In Lakhs)

Signature of PI

(Approved / Not approved)

Committee

1. Dr. E. Sudarshan
2. Dr. N. Sivani
3. Dr. M. Gopal
4. Mr. M. Rajitha

An amount of 2,00,000/-
has been sanctioned.

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Rejani
Principal





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Project-11 - Title: Solar Sea Water Desalination Machine With RO UV Purifier

1. Mentor's name: Mr.E. Hari Krishna

2. Student Team Names

S.No	Name of the student	Aadhaar Number	H.T.No	Mobile
1	Ayesha Nishath	7960 8951 1601	206Y1A0504	9959904880
2	Thota Shivasaini	241589164255	216Y1A6244	8074918430
3	Bhura Vasavi	611814297944	206Y5A0407	8008352179
4	Boini Sandhya	967777112474	206Y5A0408	9951068789

3. Project description:

Only 3% of the water available on earth is fresh water. Two thirds of this fresh water is present in frozen glaciers. On an average over 1.1 billion people over the globe lack proper access to any fresh water reserves and over 2.7 billion people face scarcity of water at least once a month. But fortunately as we know 71% of earth's surface is water and 97% of that water is sea water.

The machine makes use of a 3 stage process to convert salty seawater to pure drinkable water. The system first allows user to pour salty water via a mesh based inlet where large waste like plastic granules or stones, weed etc gets separated. This water is then pumped into a large purification chamber having 3 layers of purifiers including sand and gravel for filtering weed, sand and large salt particles. The output of this process is still salty water but without any particles. This water is then passed on to the second filtration where we use reverse osmosis to filter out salt from the water. Here we use 3 filtration membranes to filter out fresh water from salty water and trap the salt particles in membrane filters. This water is now stored in a tank just above the system. The system tap when opened allows water to run from the tank to the tap where we detect the flow when on and turn on the UV light for stage 3 filtration to deactivate any remaining bacteria and virus in the water. This water is now in drinkable form using 3 stage process without the use of any chlorine. Now the pumps used in the system are powered by a large battery. This battery is in turn charged by 2 x 50Watt solar panels due to large availability of solar power in sea areas. This makes it very portable to be used on any beach front or on long sea voyages for easy and instant sea water filtration.

4. Project Status at the beginning of the year:

5. Interventions made : Automation

6. Current status : Design stage



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7. Project Images:



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PROJECT PROPOSAL FORM

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

DT: 07-07-21

Title of the Project : Swachh Vaayu

Duration of the Project : 2021-2022

Name of the Department : CSE

Principal Investigator : Ms. V. Pranathi, Designation : Asst. Prof.

Co-Principal Investigator(s) :

Sl. No.	H.T. No.	Full Name
1	206YIA0539	Kappala Srilatha
2	216YIA6251	Polsani Sushmitha
3	196YIA0509	Bikkineni Ashwitha
4	196YIA0510	Billakanti Poojitha

Project Estimation : 2,80,000/- (In Lakhs)

Pranathi
Signature of PI

(Approved / Not approved)

Committee

1. Dr. E. Sudaashan
2. Dr. N. Sri vani
3. Dr. M. Gopal
4. Mr. M. Ranjith

*An amount of 2,50,000/-
has been sanctioned.*



Ranjith
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Project-12 - Title: Swachh Vaayu

1. Mentor's name: Ms. V. Pranathi

2. Student Team Names

S.No	Name of the student	Aadhaar Number	H.T.No	Mobile
1	Kappala Srilatha	8287 5787 4094	206Y1A0539	7893004253
2	Polsani Sushmitha	8258 8924 8354	216Y1A6251	7671806922
3	Bikkineni Ashwitha	795905332823	196Y1A0509	9989830562
4	Billakanti Poojitha	300351326748	196Y1A0510	8897348373

3. Project description:

In today's modern world the most common environmental issue we are suffering with is 'POLLUTION' and more than 45% pollution caused is in the air that is 'AIR POLLUTION'. Maximum amount of air pollution is caused by AUTOMOBILES & INDUSTRIES the oxides of carbon which are released from industries and automobiles are adversely affecting HUMAN HEALTH & OUR MOTHER EARTH.

It uses a dust catcher such that there is a sudden change in the direction of the flow of exhaust gas. It uses a cyclonic separation method for removal of the particulate matter from the exhaust gases. For proper removal of dust particles it uses the cylindrical chamber.

4. Project Status at the beginning of the year:

5. Interventions made : Automation

6. Current status : Design stage

7. Project Images:



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PROJECT PROPOSAL FORM

Dt: 09-07-21

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Title of the Project : uni-cycle

Duration of the Project : 2021-2022

Name of the Department : CSE

Principal Investigator : S. VISHAL, Designation : Asst. Professor

Co-Principal Investigator(s) :

Sl. No.	H.T. No.	Full Name
1	216Y1A06248	V. Pranaya
2	196Y1A0513	B. Tejasri
3	196Y1A0573	N. Pavani Sri nagavali
4	206Y1A0540	K. Ramya

Project Estimation : 2,80,000/- (In Lakhs)

S. Vishal

Signature of PI

(Approved / Not approved)

Committee

1. Dr. C. Sudaashan *CS*
2. Dr. N. Srivani *NS*
3. Dr. M. Gopal *MG*
4. Mr. M. Ranjith Kumar *RM*

An amount of 2,70,000/- has been sanctioned.

Rajani
Principal



Rajani

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Project-13 - Title: Uni-Cycle

1. Mentor's name: Mrs. S. Vyshali

2. Student Team Names

S.No	Name of the student	Aadhaar Number	H.T.No	Mobile
1	Velpula Pranaya	828519725876	216Y1A6248	6309887687
2	Bodige Tejasri	957512167021	196Y1A0513	9390266362
3	Nekkanti Pavani Sri Nagavalli	785622680835	196Y1A0573	9866425439
4	Kasuri Ramya	4325 6483 3341	206Y1A0540	9100389582

3. Project description:

Monowheels are generally built and used for fun and entertainment purposes, but from 1860s to 1930s, they were proposed for transportation. In addition, saving energy in order to determine the problem of fuel depletion is becoming increasingly important. Even industries and manufacturing companies that spread over huge areas restrict the usage of means of transport by their employees within their area to avoid the risk of pollution due to emissions. To meet those needs, research on eco-friendly transportation has been increased. Electrical vehicle technology has a step towards fulfilling these goals. To fill the gap of low cost, self-balancing, need of less parking space, eco-friendliness, automatic electric uni-cycle is considered in comparison with the bicycle and other vehicles..

4. Project Status at the beginning of the year:

5. Interventions made : Automation

6. Current status : Design stage

7. Project Images:



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PROJECT PROPOSAL FORM

Dt: 08/07/21

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Title of the Project : Fork Lifter

Duration of the Project : 2021-2022

Name of the Department : CSE

Principal Investigator : Saravathi Thota, Designation : Asst. Professor

Co-Principal Investigator(s) :


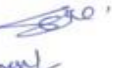
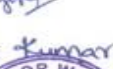

Sl. No.	H.T. No.	Full Name
1	216Y1A6247	Y. Vedhakshari
2	26Y1A0541	K. Jyothi
3	196Y1A0517	B. Divya
4	196Y1A0571	N. Harī Priya.

Project Estimation : 2,25,000 (In Lakhs)



Signature of PI

(Approved / Not approved)

Committee

1. Dr. E. Sudaishan 
2. Dr. N. Srivani 
3. Dr. M. Gopal 
4. Mr. M. Ranjith Kumar 

An amount of 2,10,000/- has been sanctioned.


Principal



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Project-14 - Title: Fork Lifter

1. Mentor's name: Mrs. T. Sravanthi

2. Student Team Names

S.No	Name of the student	Aadhaar Number	H.T.No	Mobile
1	VEDHAKSHARI YERRABELLI	214118846473	216Y1A6247	7893161719
2	KAWADE JYOTHI	6935 7909 3989	206Y1A0541	8317690077
3	BOMMASANI DIVYA	615443657047	196Y1A0517	8790264959
4	NALUBALA HARIPRIYA	351067502848	196Y1A0571	9398486706

3. Project description:

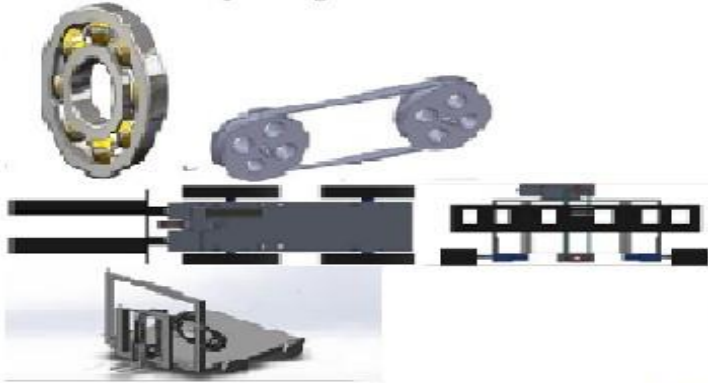
Transporting Loads is a very stressful and time consuming work . Currently in warehouse storage systems are mainly done by traditional human operator to pickup and drop particular good at specified locations. Here we propose the design and fabrication of a remote controlled mini fork lift . The mini fork lift using for lifting weights as well as placement using pulley based mechanism. Our system allows for efficient implementation of this concept and increases the ease of handling heavy loads without any difficulty.

4. Project Status at the beginning of the year:

5. Interventions made : Automation

6. Current status : Design stage

7. Project Images:



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PROJECT PROPOSAL FORM

Date: 08-07-21

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Title of the Project : Android Task Monitoring

Duration of the Project : 2021-2022

Name of the Department : CSE

Principal Investigator : Swetha S, Designation : Asst. Prof.

Co-Principal Investigator(s) :

Sl. No.	H.T. No.	Full Name
1	186Y1A0515	B. Chaitra
2	186Y1A0524	D. Soundarya
3	176Y1A0557	M. Manasa
4	166Y1A0549	J. Sai Nikhila
5		
6		

Project Estimation : 2,55,000/-

Signature of PI

(Approved / Not approved)

Committee

1. Dr. E. Sudashan ✓
2. Dr. N. Srivani ✓
3. Dr. M. Gopal ✓
4. Mr. M. Rajith Kumar ✓

Rejected

Rajini
Principal



Rajini

PRINCIPAL

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PROJECT PROPOSAL FORM

Date: 7-7-21

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Title of the Project : Data leakage detection system

Duration of the Project : 2021-2022

Name of the Department : CSE

Principal Investigator : K. Ranganath, Designation : Asst. Prof

Co-Principal Investigator(s):

Sl. No.	H.T. No.	Full Name
1	206YIA0588	Saniya
2	206YIA0594	S. Raehana
3	206YIA05A2	V. Ramya
4	206YIA05A4	V. Sai chandana
5	196YIA0554	K. Arishma
6	196YIA05B3	V. Jahnavi

Project Estimation : 3,20,000/-

K.R.
Signature of PI

(Approved / Not approved)

Committee

1. Dr. E. Sudaashan
2. Dr. N. Srivani
3. Dr. M. Gopal
4. Mr. M. Rajitha Kumar

Rejected

Rajini
Principal



Rajini

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Department of Computer Science and Engineering

List of Sponsored Research Projects for the Year 2020-2021

S.No	Title of the Project	Name of the Funding Agency	Amount Sanctioned	Duration of the Project
1.	Seventeen innovative projects are sponsored by DST under NewGen IEDC projects	NSTEDB, Department of Science and Technology, New Delhi	47,50,000/-	2020-2021
2	A Scheme for Promotion of innovation, Rural Industry and Entrepreneurship (ASPIRE), Technical Business Incubation scheme (TBI)	Ministry of Micro, small & Medium Enterprises	24,40,000/-	2020-2021

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PRINCIPAL SRITW <principal.sritw@gmail.com>

Grant Release-NewGen IEDC-II Year: Sumathi Reddy Institute of Technology for Women, Warangal Urban

4 messages

Sareen <sareen@ediindia.org>

Mon, Nov 2, 2020 at 3:07 PM

To: principal@sritw.org, SR EDUCATIONAL ACADEMY SR <ao.sritw@gmail.com>, PRINCIPAL SRITW <principal.sritw@gmail.com>, edcsritw2009@gmail.com

Cc: Naveen Vasishtha <nvasishtha@nic.in>, Jay Panvekar <jay@ediindia.org>

Dear Dr. (Mrs.) I. Rajasri Reddy,

Greetings from Entrepreneurship Development Institute of India (EDII), Ahmedabad

With reference to the annual grant for the **IInd year** of NewGen IEDC hosted by your institution, we are releasing the first installment of **35% i.e. Rs. 16,62,500** of due amount (Rs. 47,50,000) and will be credited to the bank account as per the details provided by you earlier. Remaining grant amount will be released in due course of time. Following are the details of grant released so far;

Ist Year : Rs. 60 Lakh for the period of **February 2019 to January 2020**
IInd Year: Rs. 47,50,000 for the period of **February 2020 to January 2021** against which Rs.16,62,500 i.e. 35% is being released.

To help us process the remaining grant for the IInd year, you are requested to please send us the **details of expenditure incurred from February 2020 onwards**. This can be submitted on the **official letterhead of your NewGen IEDC, signed by the coordinator, head of the finance department and head of the institution.**

WISH YOU AND YOUR FAMILY A VERY HAPPY & PROSPEROUS DIWALI. STAY SAFE

Regards
Sareen

--
S. B. Sareen
Director
Department of Projects (Govt.)
Entrepreneurship Development Institute of India
P.O.Bhat - 382 428
Dist. Gandhinagar
Gujarat (India)

Tel.: 0091-79-23 96 91 61
Tele Fax: 0091-79-23 96 91 55 [Direct]
Fax: 0091-79-23 96 91 64
e.mail: sareen@ediindia.org
Mobile: 099 25 11 00 40



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Think before you print, "File this email in an email folder and save a tree." Go Green...

PRINCIPAL-SRITW <principal.sritw@gmail.com>
To: Madhukar Reddy <a.madhukarreddy@gmail.com>

Mon, Nov 2, 2020 at 3:27 PM

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OF/SRITW/NewGe IEDC/2020-2021/001

Dt: 10/07/2020

It is hereby informed to all the faculty members that NewGen IEDC is sanctioning funding assistance to Innovative ideas & Prototype development. Interested faculty can apply for funding on or before 24/07/2020. Faculty can select students from all branches.

Rejai
PRINCIPAL

Copy to

1. All HoD's (ECE & CSE)
2. Administrative Officer
3. NewGen IEDC Cell

Rejai

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Off/SRITW/NewGen IEDC/2020-2021/02

Date: 04/08/2020

The enclosed list of innovative projects is shortlisted for funding under the NewGen IEDC sponsored by DST and NSTEDB implemented by EDII, Ahmedabad.

Rajani
PRINCIPAL

Copy to

1. All HoD's (ECE & CSE)
2. Administrative Officer
3. NewGen IEDC Cell

Rajani

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Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (T.S.)





SUMATHI REDDY

INSTITUTE OF TECHNOLOGY FOR WOMEN

L e a r n i n g a t i t s b e s t

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List of Shortlisted Projects(2020-2021):

S. No	Idea/Project Name	Mentors	Students involved	H. T. No.	Sanctioned Amount
1.	AAMBU (Automatic Artificial Mechanical Breathing Unit)	Mr. K. Srinivas, Asst. Prof, ECE	Durga Sharma	196Y1A0481	3,00,000/-
			Shivani Diwan	196Y1A0482	
			Seerla Akshaya	196Y1A0592	
			R. Tejasri	196Y1A0477	
			Sruthi Kasireddy	196Y1A0593	
			Sumayya Yasmeen	196Y1A0594	
2.	Curd making machine	Mr. K. Ravikiran, Asst.Prof, ECE	Koyalkar Divya	206Y1A0551	1,00,000/-
			Maraboina Siri Chandana	186Y1A0564	
			Polasani Saipriya	196Y1A0476	
			Dadi Srija	206Y1A6612	
3.	UV Sterilizer	Mr. E. Kumaraswamy, Asst. Prof, ECE	B. Bhuvaneshwari.	196Y1A0411	2,80,000/-
			P. Sunayana	196Y1A0475	
			E Sai Meghana	196Y1A0434	
			M. Sai Sushmitha	196Y1A0462	
			Brundha B	196Y1A0412	
			G. Sai Lavanya	196Y1A0538	
4.	Fish Scale Remover	Mr. D. Koteswar Rao, Asst. Prof, ECE	Asrika Addagudur	186Y1A0402	1,00,000/-
			Amuktha Konney	186Y1A0448	
			Basani Sanjana	196Y1A0414	
			Bolleda Shalini	196Y1A0422	
			V Bhoomika	196Y1A0497	
5.	Automatic Thermal Screening and Sanitizer	Ms. N. Swathi, Asst. Prof, ECE	V. Sindhuja	196Y1A0496	3,20,000/-
			V. Pooja	196Y1A04A2	
			B. Poojitha	196Y1A0510	
			B. Bhavana	196Y1A0508	
			A. Srideepa	196Y1A0501	
			Afreen	186Y1A0404	
6.	Smart Wire stripping and Cutting Machine	Mr. T. Chandra Prakash, Asst. Prof, ECE	Gurram Akhila	196Y1A0447	2,00,000/-
			Kommidi Shresta Reddy	196Y1A0455	
			G. Sai Shivani	196Y1A0404	
			K. Soumya	206Y5A0416	
			Vasavi Keshi Reddy	196Y1A0453	
7.	Automatic Cotton Picker	Ms. Y. Sharvani, Asst. Prof, ECE	Manasa Bommineni	196Y1A0423	2,00,000/-
			G. Vaishnavi	186Y1A0437	
			M. Swetha	186Y1A0567	
			B. Sindhuja	196Y1A0515	



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S. No	Idea/Project Name	Mentors	Students involved	H. T. No.	Sanctioned Amount
8	ML Based Automatic Alert System for Vehicles	Dr. E. Sudarshan, Asst. Prof, CSE	Romana Tafheem	196Y1A0586	2,70,000/-
			Sumera Gouhar	196Y1A0485	
			Bompally Supriya	196Y1A0424	
			M. Tejasree	206Y5A0418	
9	Portable Manure Dispenser Machine	Dr. E. Sudarshan, Asst. Prof, CSE	Harini Aluguri	186Y1A0440	1,90,000/-
			Sai Priya Maram	186Y1A0453	
			Illapuram Ankhitha	196Y1A0448	
			Gattikoppula Indrajaya	196Y1A0444	
10.	Autonomous Vehicle for Fixed Routes	Mrs. D. Raghavakumri, Asst.Prof, ECE	Adepu Manichandana	186Y1A0403	3,50,000/-
			Ganaboina Rachana	196Y1A0443	
			Chowdary Jayashree	196Y1A0427	
			M. Sahithi	206Y5A0419	
11.	Treadmill Walker cum Electric Cycle	Mrs. Ch. Padmaja, Asst. Prof, ECE	Byreddy Subhashini	186Y1A0422	2,50,000/-
			Ch. Ramya	186Y1A0424	
			K. Mounika	186Y1A0551	
			Balle Shirisha	196Y1A0410	
12	Ozonized air dispenser	Mrs. Jhansi Rani Gundala, asst. Prof, ECE	S. Nithika	196Y1A0486	1,00,000/-
			T. Akhila	196Y1A0491	
			Suriseti Devisri	196Y1A0597	
			G. Anuhya	196Y1A0543	
			T. Keerthika Reddy	196Y1A0488	
13	Portable electric elevator	Mrs. Vishali, Aasst. Prof, CSE	G. Meghana	196Y1A0540	2,30,000/-
			Abbady Keerthana	186Y1A0401	
			Gunreddy Divya	186Y1A0539	
			A. Sushma	186Y1A0505	
14	Support device for bedridden patients	Mrs. Swetha, Asst. Prof, CSE	B. Bhuvaneshwari	196Y1A0411	1,80,000/-
			Sana Tabassum	196Y1A0478	
			Dumpala Ramya	196Y1A0432	
			S. Ravali	196Y1A0484	
15	Design and fabrication of 3D printer	Mr. M.Mruthyunja ya,Asst. Prof, CSE	K. Keerthana	196Y1A0411	2,90,000/-
			Alla Deekshitha	196Y1A0405	
			T. Abhinaya	196Y1A0490	
			B. Vasavi	206Y5A0407	
			Devaruppala Sai Sriya	186Y1A0427	



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S. No	Idea/Project Name	Mentors	Students involved	H. T. No.	Sanctioned Amount
16	Library Management System	Mrs. V. Pranathi, Asst.Prof, CSE	Ankathi Soumya	196Y1A0408	1,40,000/-
			N. Prasanna	196Y1A0472	
			A. Shivani	206Y5A0401	
			Harshini Annaboina	186Y1A0410	
17	Agriculture crop yield Unit	Mr. B.Prashanth, Asst. Prof, EEE	Gadudasu Srividya	196Y1A0441	2,50,000/-
			Eluka Suchitha	196Y1A0435	
			B. Sony	206Y5A0409	
			J. Sushmitha	196Y5A0406	



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List of Projects Rejected 2020-2021

S. No	Idea/Project Name	Mentors	Students involved	H. T. No.	Status
1	Solar Floor Cleaner Robot	S.Vishali, Asst.Prof.,CSE	K.Manasa	216Y1A6723	Rejected
			P.Kalpna	206Y1A0568	
			D.Kathyayani	206Y1A0523	
			K.Preyrana	206Y1A6630	
2	IOT Garbage Segregator and Bin Level	V.Pranathi,Asst.Prof.,CSE	U.Pravalika	216Y5A6704	Rejected
			B.Navya	196Y1A0511	
			N.Pavani Sri	196Y1A0573	
			R.Likithasree	186Y1A0594	
3	Advanced Bus Ticketing System with Alert to Passenger	Ch. Sujitha Asst.Prof., ECE	B. Bhuvaneshwari	196Y1A0411	Rejected
			E. Sai Meghana	196Y1A0434	
			Brundha . B	196Y1A0412	
			G. Sai Lavanya	196Y1A0538	
4	Advanced Security System for Jeweler Shops and Banks	A. Chandu Asst.Prof., ECE	B. Shalini	196Y1A0422	Rejected
			B. Sanjana	196Y1A0414	
			P. Bindusree	186Y1A0583	
			M. Vedha Sreshta	186Y1A05B5	
5	Advanced Secured ATM System with Three Layer Security Protection	P. Divya Asst.Prof., ECE	V. Ramyasri	186Y1A04A0	Rejected
			V. Rishika Sanjana	186Y1A04A1	
			V. Anusha	186Y1A04A8	
			S. K. Sonhy	186Y1A05A1	



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L e a r n i n g a t i t s b e s t

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PROJECT PROPOSAL FORM

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Dt: 23-11-2020

Title of the Project : ML Based Automatic Alert System For Vehicles.

Duration of the Project : 2020-2021

Name of the Department : CSE

Principal Investigator : Dr. E. Sudaashan, Designation : Associate Prof

Co-Principal Investigator(s) :

Sl. No.	H.T. No.	Full Name
1	196YIA0586	Romana Tafheem
2	196YIA0485	Sumera Gahar
3	196YIA0424	Bompally Supriya
4	206Y5A0418	M. Tejasree

Project Estimation : 2,90,000/- (In Lakhs)

Signature of PI

(Approved / Not approved)

Committee

1. Dr. E. Sudaashan
2. Dr. N. Srivani
3. Dr. M. Gopal
4. Mr. M. Ranjith

An amount of 2,70,000/-
has been sanctioned.

Principal



Ranjith

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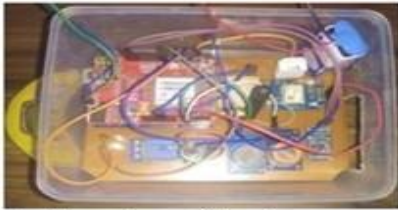
8. ML Based Automatic Alert System for Vehicles

S.No	Student Name	H.T.No	Aadhar No.
1	Romana Tafheem	196Y1A0586	8883 1574 2431
2	Sumera Gouhar	196Y1A0485	3058 2557 7016
3	Bompally Supriya	196Y1A0424	7927 1180 9700
4	M. Tejasree	206Y5A0418	5458 3895 3493

Mentor: Dr. E. Sudarshan, CSE

Project description:

Vehicles have been involved in accidents for years due to high speed or engine malfunction or rash driving or drunk and driving and driver's dizziness. To Analyze the problem and focus on collecting driver condition, engine condition, driving behavior, which are automatically shared by the system to police and medical officers in extreme situations, this project is under taken.



A. Topview of device



B. Sideview of device



C. Overturned vehicle



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PROJECT PROPOSAL FORM

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Dt: 24-11-2020

Title of the Project : Portable Manure Dispenser Machine

Duration of the Project : 2020-2021

Name of the Department : CSE

Principal Investigator : Dr. E. Sudarshan, Designation : Associate Prof

Co-Principal Investigator(s) :

Sl. No.	H.T. No.	Full Name
1	186YIA0440	Maarini Aluguri
2	186YIA0453	Saibhaya Maram
3	196YIA0448	Illapavani Ankletha
4	196YIA0444	Gattikoppula Indira

Project Estimation : 2,10,000/- (In Lakhs)

Signature of PI

(Approved / Not approved)

Committee

1. Dr. E. Sudarshan
2. Dr. N. Srivani
3. Dr. M. Gopal
4. Mr. M. Ranjith

An amount of
1,90,000/- has
been sanctioned



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9. Portable Manure Dispenser Machine

S.No	Student Name	H.T.No	Aadhar No.
1	Harini Aluguri	186Y1A0440	3044 1463 0497
2	Sai Priya Maram	186Y1A0453	6505 8566 0663
3	Illapuram Ankhitha	196Y1A0448	6342 0865 3679
4	Gattikoppula Indraja	196Y1A0444	3739 6493 1062

Mentor: Dr. E. Sudarshan, CSE

Project description:

Many Indian farmers follow traditional farming methods for spreading manure or spraying fertilizer. They need more farm labor to do so and the traditional approach is much more time consuming, expensive and unhealthy. So, this project will dispense the manure in the field evenly with help of blades and fan.



Rijai

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PROJECT PROPOSAL FORM

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Dt: 24-11-2020

Title of the Project : Portable Electric Elevator

Duration of the Project : 2020-2021

Name of the Department : CSE

Principal Investigator : S. VISHALI, Designation : Asst. Professor

Co-Principal Investigator(s) :





Sl. No.	H.T. No.	Full Name
1	186Y1A0401	A. Keerthana
2	186Y1A0539	G. Divya
3	186Y1A0505	A. Sushma
4	196Y1A0411	B. Bhuvaneshwari

Project Estimation : 2,45,000/- (In Lakhs)



Signature of PI


(Approved / Not approved)

Committee

1. Dr. E. Sundareshan 
2. Dr. N. Srivani 
3. Dr. M. Gopal 
4. Mr. M. Ranjith Kumar 

An amount of 2,30,000/- has been Sanctioned.


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Principal



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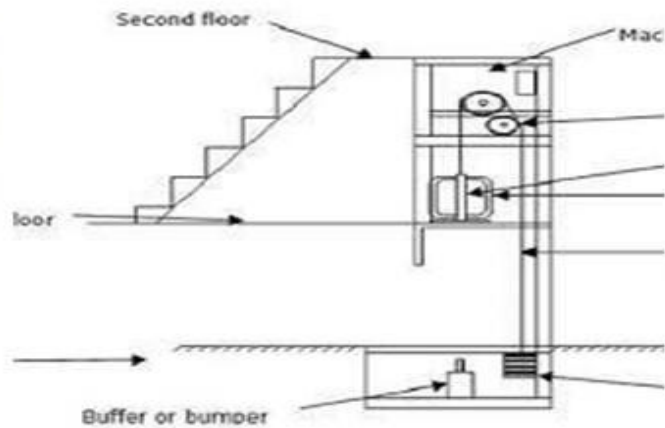
12. Portable electric elevator

S.No	Student Name	H.T.No	Aadhar No.
1	Abbady Keerthana	186Y1A0401	4858 9421 1344
2	Gunreddy Divya	186Y1A0539	3913 9330 7739
3	A. Sushma	186Y1A0505	4062 3093 6236
4	B. Bhuvaneshwari	196Y1A0411	9022 2425 1680

Mentor: Mrs. Vyshali, Asst. Prof, CSE

Project description:

We find old age people, sick people can not walk to the upstairs. To make their life easy this project is initiated. It requires the concepts of mechanical, hydraulic working principle



Repair

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PROJECT PROPOSAL FORM

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Dt: 23-11-2020

Title of the Project : Support Device for bedridden patients

Duration of the Project : 2020-2021

Name of the Department : CSE

Principal Investigator : Shwetha . G , Designation : Asst. Prof

Co-Principal Investigator(s) :

Sl. No.	H.T. No.	Full Name
1	196YIA0478	Sana Tabassum
2	196YIA0432	Dumpala Ramya
3	196YIA0484	S. Ravali
4	196YIA0411	K. Keerthana

Project Estimation : 2,00,000/- (In Lakhs)

Signature of PI

(Approved / Not approved)

Committee

1. Dr. E. Sudaashan
2. Dr. N. Sivani
3. Dr. M. Gopal
4. Mr. M. Ranjith Kumar

An amount of 1,00,000/- has been sanctioned.

Rejai
Principal



Rejai
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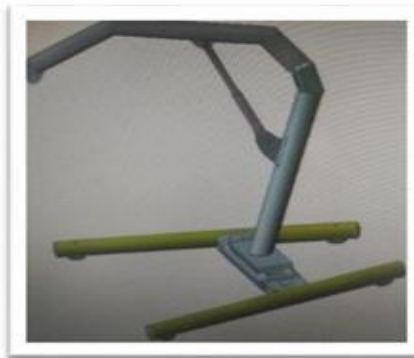
13. Support device for bedridden patients

S.No	Student Name	H.T.No	Aadhar No.
1	Sana Tabassum	196Y1A0478	6588 6119 3965
2	Dumpala Ramya	196Y1A0432	6936 3332 8931
3	S. Ravali	196Y1A0484	6929 6109 7325
4	K. Kcerthana	196Y1A0411	2909 2514 3082

Mentor: Mrs. Swetha, Asst. Prof, CSE

Project description:

In health care Industry new inventions are coming to minimize the work for bed ridden patients. We are designing a simple and affordable supporting device for bed ridden patients. Our main aim is develop new healthcare product which can help significantly to the bed ridden patients and increase in the quality of life and average life expectancy.



Rejani
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PROJECT PROPOSAL FORM

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Dt: 24-11-2020

Title of the Project : Design and fabrication of 3D Printer

Duration of the Project : 2020-21

Name of the Department : CSE

Principal Investigator : Mandu Mounthyujaya, Designation : Asst. prof.

Co-Principal Investigator(s) :





Sl. No.	H.T. No.	Full Name
1	196Y1A0405	Ala Deekshitha
2	176Y1A0490	T. Abhinaya
3	206Y5A0407	B. Vasvi
4	186Y1A0427	D. Sai Sriya

Project Estimation : 3,50,000/- (In Lakhs)


Signature of PI

(Approved / Not approved)

Committee

1. Dr. E. Sudarshan 
2. Dr. N. Srivani 
3. Dr. M. Gopal 
4. Mr. M. Rajitha 

An amount of 2,70,000/- has been sanctioned.


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WARANGAL - 506 371 (T.S.)





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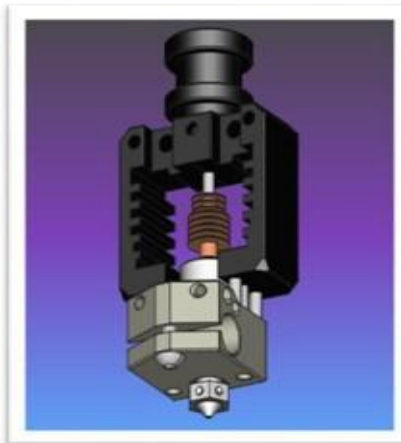
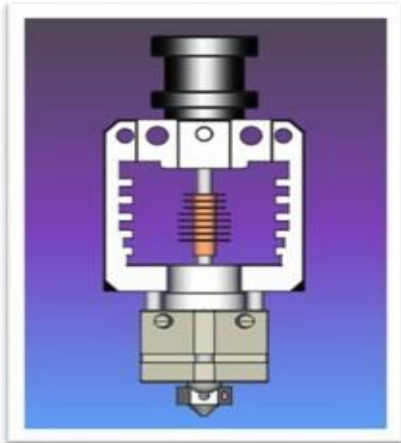
14. Design and fabrication of 3D printer

S.No	Student Name	H.T.No	Aadhar No.
1	Alla Deekshitha	-196Y1A0405	3923 3007 1398
2	T. Abhinaya	-196Y1A0490	3751 3313 0385
3	B. Vasavi	-206Y5A0407	6118 1429 7944
4	Devaruppala Sai Sriya	-186Y1A0427	2133 2460 4105

Mentor: Mr. M.Mruthyunjaya, Asst. Prof, EEE

Project description:

3D Printing is a process of making three dimensional solid objects from a digital file. Additive process is used for the creation of 3D pointed objects. In this process an object is created by laying down successive layers of materials until the object is found. 3D printing starts with a 3D model synthesis.



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PROJECT PROPOSAL FORM

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Dt: 25-11-2020

Title of the Project : Library Management System

Duration of the Project : 2020-2021

Name of the Department : CSE

Principal Investigator : Ms. V. Pranathi, Designation : Asst. prof.

Co-Principal Investigator(s) :

Sl. No.	H.T. No.	Full Name
1	196Y1A0408	Ankathi Soumya
2	196Y1A0472	N. Prasanna
3	206Y5A0401	A. Shivani
4	186Y1A0410	Harshini Annabina

Project Estimation : 1,60,000/- (In Lakhs)

Pranathi
Signature of PI

(Approved / Not approved)

Committee

1. Dr. E. Sudarshan *ES*
2. Dr. N. Srivani *NS*
3. Dr. M. Gopal *MG*
4. Mr. M. Ranjith *MR*

An amount of 1,60,000 has been sanctioned.

Rejani
Principal



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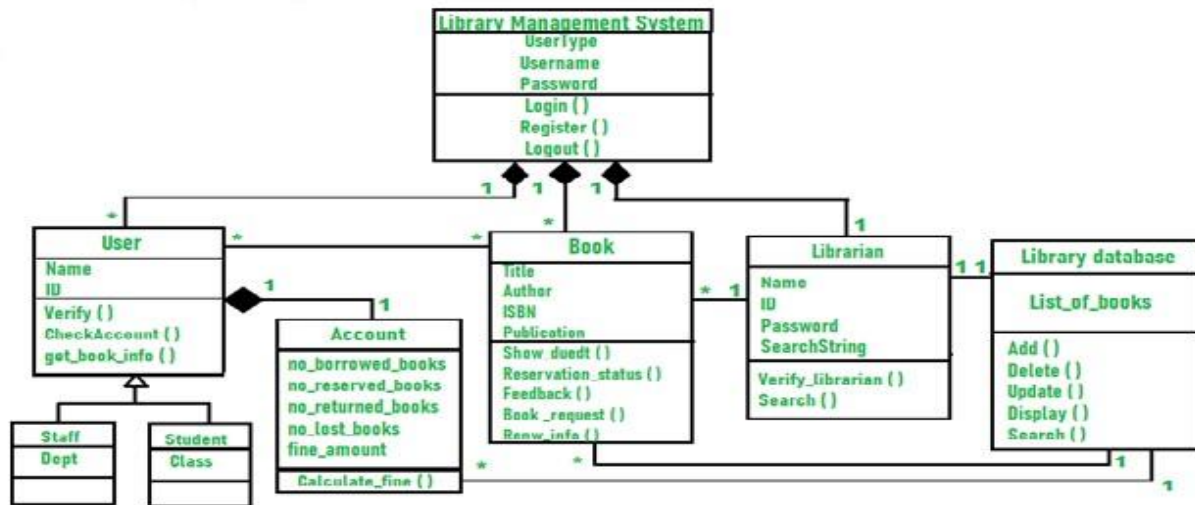
15. Library Management System

S.No	Student Name	H.T.No	Aadhar No.
1	Ankathi Soumya	196Y1A0408	4619 4210 6844
2	N. Prasanna	196Y1A0472	4805 0841 8601
3	A. Shivani	206Y5A0401	2651 0059 5668
4	Harshini Annaboina	186Y1A0410	5489 6874 2069

Mentor: V.Pranathi, Asst. Prof, CSE

Project description:

The Library Management System is an application for assisting a librarian in managing a book library in a school/college/university. The system would provide basic set of features to add/update members, add/update books, and manage check in specifications for the systems based on the client's statement of need. Library management system is a typical management Information system (MIS), its Development include the establishment and maintenance of back-end database and front-end application development aspects. For the former require the establishment of data consistency and integrity of the strong data security and good libraries. As for the latter requires the application fully functional, easy to use and so on.



Pranathi
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PROJECT PROPOSAL FORM

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Dt: 25-11-2020

Title of the Project : Agriculture Crop Yield Unit

Duration of the Project : 2020-2021

Name of the Department : CSE

Principal Investigator : B. Proshaiith, Designation : Asst. Prof

Co-Principal Investigator(s) :

Sl. No.	H.T. No.	Full Name
1	196Y1A0446	C. Sridhya
2	196Y1A0435	E. Sachitha
3	206Y5A0409	R. Sony
4	196Y5A0406	J. Sushmita

Project Estimation : 2,80,000/- (In Lakhs)

B.P
Signature of PI

(Approved / Not approved)

Committee

1. Dr. E. Sudarshan SD
2. Dr. N. Sivani SN
3. Dr. M. Gopal GM
4. Mr. M. Rajith Kumar RM

An amount of 2,50,000/- has been sanctioned.

Rajini
Principal



Rajini

PRINCIPAL

Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (T.S.)





SUMATHI REDDY

INSTITUTE OF TECHNOLOGY FOR WOMEN

L e a r n i n g a t i t s b e s t

Affiliated to JNTUH - Approved by AICTE

15. Agriculture crop yield Unit

S.No	Student Name	H.T.No	Aadhar No.
1	Gadudasu Srividya	196Y1A0441	2690 7479 9081
2	Eluka Suchitha	196Y1A0435	2586 6841 4514
3	B. Sony	206Y5A0409	8763 4534 0028
4	J. Sushmitha	196Y5A0406	2763 3757 0236
Mentor: Mr. B.Prashanth, Asst. Prof, CSE			

Project description:

Estimation of crop yield using modern ICT tools which is quick and reliable for making a realistic plan for procurement and to compensate farmers for yield loss if any. (current methods take months in crop cutting experiments and farmers have to wait formonths to get compensated in case of loss etc.)



Rajai
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PROJECT PROPOSAL FORM

Date : 7-7-21

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Title of the Project : Solar floor cleaner Robot

Duration of the Project : 2020-2021

Name of the Department : CSE

Principal Investigator : S. Vishali, Designation : Asst. prof.

Co-Principal Investigator(s) :




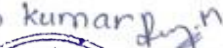
Sl. No.	H.T. No.	Full Name
1	21641A6723	K. Manasa
2	20641A0568	P. kalpana
3	20641A0523	D. kathyayani
4	20641A6630	K. Preyrana
5		
6		

Project Estimation : 2,60,000/-



Signature of PI

(Approved / Not approved)

Committee

1. Dr. E. Sudarshan 
2. Dr. N. Srivani 
3. Dr. M. Gopal 
4. Mr. M. Ranjith kumar 

Rejected


Rajai
Principal




PRINCIPAL

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PROJECT PROPOSAL FORM

Date: 25-11-2020

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Title of the Project : IoT Garbage Segregator and Bin Level
Indicator

Duration of the Project : 2020-2021

Name of the Department : CSE

Principal Investigator : M.S.V. Pranathi, Designation : Asst. Prof.

Co-Principal Investigator(s) :

Sl. No.	H.T. No.	Full Name
1	216Y5A6704	U. Pravalika
2	196Y1A0511	B. Navya
3	196Y1A0573	N. Pavani sri
4	186Y1A0594	R. Likithasree
5		
6		

Project Estimation : 2,10,000/-

Pranathi
Signature of PI

(Approved / Not approved)

Committee

1. Dr. E. Sudarshan
2. Dr. N. Srivani
3. Dr. M. Gopal
4. Mr. M. Ranjith kumar

Rejected

Rajani
Principal



Rajani
PRINCIPAL

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CIRCULAR

Off/SRITW/NewGe IEDC/2019-2020/001

Dt: 15/07/2019

It is hereby informed to all the faculty members that NewGen IEDC is sanctioning funding assistance to Innovative ideas & Prototype development. Interested faculty can apply for funding on or before 01/08/2019. Faculty can select students from all branches.

Rejai
PRINCIPAL

Copy to

1. All HoD's (ECE & CSE)
2. Administrative Officer
3. NewGen IEDC Cell



Rejai
PRINCIPAL
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CIRCULAR

Off/SRITW/NewGen IEDC/2019-2020/02

Dt: 03/08/2019

The enclosed list of innovative projects is shortlisted for funding under the NewGen IEDC sponsored by DST and NSTEDB implemented by EDII, Ahmedabad.

Rjai
PRINCIPAL

Copy to

1. All HoD's (ECE & CSE)
2. Administrative Officer
3. IEDC coordinator



Rjai
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PROJECT PROPOSAL FORM

Date: 26/07/2019

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Title of the Project: pond skimmer

Duration of the Project: 2019-2020

Name of the Department: ECE

Principal Investigator: K. Ravi Kiran, Designation: Asst. professor

Co-Principal Investigator(s):





Sl. No.	H.T. No.	Full Name
1	166YIA05B0	V. Anusha
2	166YIA0572	M. Lakshmi
3	186YIA05B2	M. Vedha Sreshtha
4	186YIA0583	P. Bindusree
5	176YIA0423	K. mani deepika
6	176YIA0423	Dr. Sai prasanna.

Project Estimation: 2,50,000/-




Signature of PI

(Approved / not approved) Approved

Committee

1. Dr. E. sudarshan 
2. Dr. N. Srivani 
3. Dr. M. Gopal 
4. M. Ranjith kumar. 

An amount of 2.4 Lakhs has been sanctioned to the above project.

 
Principal



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PROJECT PROPOSAL FORM

Date: 37/07/2019

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Title of the Project: Challenging Dust Bin

Duration of the Project: 2019-20

Name of the Department: ECE

Principal Investigator : N. Swathi, Designation: Asst. Professor

Co-Principal Investigator(s):

Sl. No.	H.T. No.	Full Name
1	186YIA05B2	T. Akanksha
2	186YIA05B1	T. Malavika
3	186YIA0581	P. Navyasri
4	186YIA04A0	V. Ramyasri
5	176YIA0452	K. Sriyamsha Reddy
6		

Project Estimation: 2,00,000/-

Swathi
Signature of PI

(Approved / not approved)

Committee

1. Dr. E. Sudarshan ES
2. Dr. N. Srivani NS
3. Dr. M. Gopal MG
4. M. Ranjitha kumar MR

An amount of 2 lakhs
has been sanctioned to the
above project.

Rajai
Principal



Rajai

PRINCIPAL

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SUMATHI REDDY

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L e a r n i n g a t i t s b e s t

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PROJECT PROPOSAL FORM

Date: 29/07/2019

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Title of the Project: Smart Delivery Box

Duration of the Project: 2019-2020

Name of the Department: ECE

Principal Investigator : N. Govardhan, Designation: Asst. Professor

Co-Principal Investigator(s):





Sl. No.	H.T. No.	Full Name
1	186Y1AD476	R. Reethika
2	186Y1AD581	V. Anusha
3	186Y1AD456	M. Shrisisha
4	176Y1AD401	A. Sai Keerthana
5	186Y1A0521	Ch. Salonikhanna
6	18Y1AD506	A. Ramya

Project Estimation: 2,70,000/-


Signature of PI

(Approved / not approved)

Committee

1. Dr. E. Sudarshan 
2. Dr. N. Srivani 
3. Dr. M. Gopal 
4. M. Ranjith Kumar 

An amount of 2.5 Lakhs
has been sanctioned to
the above project.


PRINCIPAL


Principal



Sumathi Reddy Institute of Technology for Women
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INSTITUTE OF TECHNOLOGY FOR WOMEN

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PROJECT PROPOSAL FORM

Date: 24-07-2019

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Title of the Project: Ammonia Testing kit

Duration of the Project: 2019-20

Name of the Department: FCE

Principal Investigator: E. Kumara Swamy, Designation: Asst. professor.

Co-Principal Investigator(s):





Sl. No.	H.T. No.	Full Name
1	186YIA0585	Zora Praveena
2	186YIA0590	R. Rajeshwari
3	186YIA0566	M. Tejasri
4	186YIA0564	M. Sirtchanda
5	186YIA0572	M. Abhitha
6	176YIA0451	K. Nikhitha.

Project Estimation: 2,30,000 -



Signature of PI

(Approved / not approved)

Committee

1. Dr. E. Sudharshan 
2. Dr. N. Srivani 
3. Dr. M. Gopal 
4. M. Rangith Kumar 

An amount of 2.1 Lakhs has been sanctioned to the above project.


Principal




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PROJECT PROPOSAL FORM

Date: 27-09-2019

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Title of the Project: currency detector for Blind People

Duration of the Project: 2019-2020

Name of the Department: ECE

Principal Investigator : Dr. M. Gopal, Designation: Asst. Professor.

Co-Principal Investigator(s):

Sl. No.	H.T. No.	Full Name
1	18641A0548	K. Manvitha Rao
2	18641A0515	B. charitha
3	18641A05A1	S. K. Sony
4	18641A0413	B. Swetha
5	17641A0419	ch - Akarcha.
6		

Project Estimation: 3,00,000/-

gopal
Signature of PI

(Approved / not approved)

Committee

1. Dr. E. Sudharchan *ES*
2. Dr. N. Srivani *NS*
3. Dr. M. Gopal *gopal*
4. M. Ranjith Kumar *RM*

An amount of 28 Lakhs
has been sanctioned to the
above project.

Rajani
Principal



Rajani
PRINCIPAL

Sumathi Reddy Institute of Technology for Women
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L e a r n i n g a t i t s b e s t

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PROJECT PROPOSAL FORM

Date: 29-07-2019

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Title of the Project: Line path Tracking Robot

Duration of the Project: 2019-2020

Name of the Department: ECE

Principal Investigator : K. Srinivas, Designation: Asst. Professor

Co-Principal Investigator(s):





Sl. No.	H.T. No.	Full Name
1	186YIAD589	Rabia Baski
2	186YIAD5A7	Syedat Maditha banu
3	186YIAD596	Razeena zuya
4	186YIAD491	Arshreen Fathirra
5		
6		

Project Estimation: 4,00,000/-


Signature of PI

(Approved / not approved)

Committee

1. Dr. E Sudarshan 
2. Dr. V. Srivani 
3. Dr. M. Gopal 
4. M. Ranjith kumar 

An amount of 3.7 Lakhs
has been sanctioned


PRINCIPAL


Principal



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PROJECT PROPOSAL FORM

Date: 29-7-2019.

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Title of the Project: Magic Eye

Duration of the Project: 2019-2020

Name of the Department: ECE

Principal Investigator: T. Chandra Prakash, Designation: Asst-Professor

Co-Principal Investigator(s):

Sl. No.	H.T. No.	Full Name
1	17641A0491	P. madhurya
2	17641A0470	P. Chandana
3	17641A0486	A - Srivenela
4	17641A0496	T - Kavya
5	17641A0472	Rehana Begum
6	18641A0565	M - Sci Priya

Project Estimation: ₹,80,000/-

Tchprakash
Signature of PI

(Approved / not approved)

Committee

1. Dr. E. sudarshan *ES*
2. Dr. N. Sridani *NS*
3. Dr. M. Gopal *MG*
4. M. Ranjith Kumar *RM*

An amount of 2.6 Lakhs has been sanctioned to the above project.

Rejai
PRINCIPAL

Rejai
Principal



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PROJECT PROPOSAL FORM

Date: 26-07-2019

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Title of the Project: "IoT Based Live Viced Status and Tracking Security For School bus"

Duration of the Project: 2019-2020

Name of the Department: ECE

Principal Investigator : ch. padmaja, Designation: Asst. Professor.

Co-Principal Investigator(s):

Sl. No.	H.T. No.	Full Name
1	19641A0414 M. Madhumitha	M. Madhumitha 19641A0414
2	19641A0403	A. Manichandana.
3	18641A0546	G. Supriya
4	18641A0567	M. Swetha
5		
6		

Project Estimation: 2,50,000/-

Ch. Padmaja
Signature of PI

(Approved / not approved)

Committee

1. Dr. E. Sudarshan [Signature]
2. Dr. N. Srivani [Signature]
3. Dr. M. Gopal [Signature]
4. M. Ranjith kumar. [Signature]

An amount of 2.3 Lakhs has been sanctioned to the above project.

[Signature]
PRINCIPAL

[Signature]
Principal



Sumathi Reddy Institute of Technology for Women
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PROJECT PROPOSAL FORM

Date: 26-07-2019.

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Title of the Project: She Bracelet for the Women Protection

Duration of the Project: 2019-2020

Name of the Department: ECE

Principal Investigator : K. Mahender, Designation: Asst Professor

Co-Principal Investigator(s):

Sl. No.	H.T. No.	Full Name
1	18641A0521	ch. Saloni Khana
2	17641A0497	Y. Abhigna
3	17641A0583	Rasha
4	17641A0450	K. Preethi
5		
6		

Project Estimation: 2,00,000/-

Signature of PI

(Approved / not approved)

Committee

1. Dr. E. Sudarshan
2. Dr. N. Srivani
3. Dr. M. Gopal
4. M. Rajith Kumar

An amount of 1.7 Lakhs
has been sanctioned to
the above project -

Principal
PRINCIPAL

Principal



Sumathi Reddy Institute of Technology for Women
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L e a r n i n g a t i t s b e s t

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PROJECT PROPOSAL FORM

Date: 30-7-2019.

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Title of the Project: soil Testing kit

Duration of the Project: 2019-2020

Name of the Department: ECE

Principal Investigator : Shyamsunder Merugu Designation: Asst-Professor

Co-Principal Investigator(s):

Sl. No.	H.T. No.	Full Name
1	16641A0570	m. Rachana
2	16641A0582	Y. Pooja
3	16641A0594	Likitha
4	16641A05A3	Manasa
5	16641A04A1	V. Richika Sanjana
6	17641A07450	K. Preethi

Project Estimation: 3,00,000/-



Signature of PI

(Approved / not approved) 29/8/19

Committee

1. Dr. E. Sudarshan ES
2. Dr. N. Sivani NS
3. Dr. M. Gopal MG
4. M. Ranjith Kumar RM

An amount of 2.9 Lakhs has been sanctioned to the above project.


Principal




PRINCIPAL

Sumathi Reddy Institute of Technology for Women
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SUMATHI REDDY

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PROJECT PROPOSAL FORM

Date: 26-7-2019

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Title of the Project: Virtual care taker - online patient monitoring SM

Duration of the Project: 2019-2020

Name of the Department: ECE

Principal Investigator : M. Pavani, Designation: Asst-Professor

Co-Principal Investigator(s):

Sl. No.	H.T. No.	Full Name
1	186Y1A04A1	V. Rishika Sanjana
2	176Y1A0452	K. Sriyamsha Reddy
3	186Y1A0456	M. Shirisha
4	186Y1A0413	B. Swetha
5		
6		

Project Estimation: 3,50,000/-

Pavani
Signature of PI

(Approved / not approved)

Committee

1. Dr. E. Sudarshan [Signature]
2. Dr. N. Srivani [Signature]
3. Dr. M. Gopal [Signature]
4. M. Ranjith Kumar [Signature]

[Signature]
PRINCIPAL

[Signature]
Principal



Sumathi Reddy Institute of Technology for Women
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SUMATHI REDDY

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PROJECT PROPOSAL FORM

Date: 30-7-2019

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Title of the Project: Implementation of vehicle tracking sm
using IOT

Duration of the Project: 2019-2020

Name of the Department: ECE

Principal Investigator : M. Ram Prasad, Designation: Asst. Professor

Co-Principal Investigator(s):





Sl. No.	H.T. No.	Full Name
1	186YIA0502	T. Akanksha
2	186YIA0581	P. Navyasri
3	166YIA0502	Y. Pooja
4	186YIA04AD	V. Ramyasri
5		
6		

Project Estimation: 3,00,000/-


Signature of PI

(Approved / not approved)

Committee

1. Dr. E. Sudarshan 
2. Dr. N. Srivani 
3. Dr. M. Gopal 
4. M. Ranjith Kumar 


PRINCIPAL

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Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (T.S.)





SUMATHI REDDY

INSTITUTE OF TECHNOLOGY FOR WOMEN

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PROJECT PROPOSAL FORM

Date: 29-7-2019

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Title of the Project: Women Safety using IoT

Duration of the Project: 2019-2020

Name of the Department: ECE

Principal Investigator : L. Mahesh, Designation: Asst-Professor

Co-Principal Investigator(s):

Sl. No.	H.T. No.	Full Name
1	176Y1A0451	K. Nikhitha
2	186Y1A0572	m. A bhitha
3	176Y1A0450	K. Preethi
4	176Y1A0401	A- Saikeerthana
5		
6		

Project Estimation: 2,00,000/-

Mahesh
Signature of PI

(Approved / not approved)

Committee

1. Dr. E. Sudarshan ES
2. Dr. N. Sivani NS
3. Dr. M. Gopal MG
4. M. Ranjith Kumar RK

Rajai
PRINCIPAL
Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (T.S.)





SUMATHI REDDY

INSTITUTE OF TECHNOLOGY FOR WOMEN

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PROJECT PROPOSAL FORM

Date: 30-7-2019

To
The Principal,
Sumathi Reddy Institute of Technology for Women,
Ananthasagar, Warangal.

Title of the Project: Automation of tollgate

Duration of the Project: 2019-2020

Name of the Department: ECE

Principal Investigator : G. Naveesh, Designation: Asst. Professor

Co-Principal Investigator(s):

Sl. No.	H.T. No.	Full Name
1	176Y1A0423	K. Mani Deepika
2	176Y1A0432	G. Sai Prasanna
3	186Y1A05A3	manasa
4	186Y1A0581	P. Navyasri
5		
6		

Project Estimation: 2,00,000/-

Naveesh
Signature of PI

(Approved / not approved)

Committee

1. Dr. E. Sudarshan ES
2. Dr. N. Sivani NS
3. Dr. M. Girpal MG
4. M. Rajith Kumar MRK

Rajai
Principal



Rajai

PRINCIPAL

Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (T.S.)

