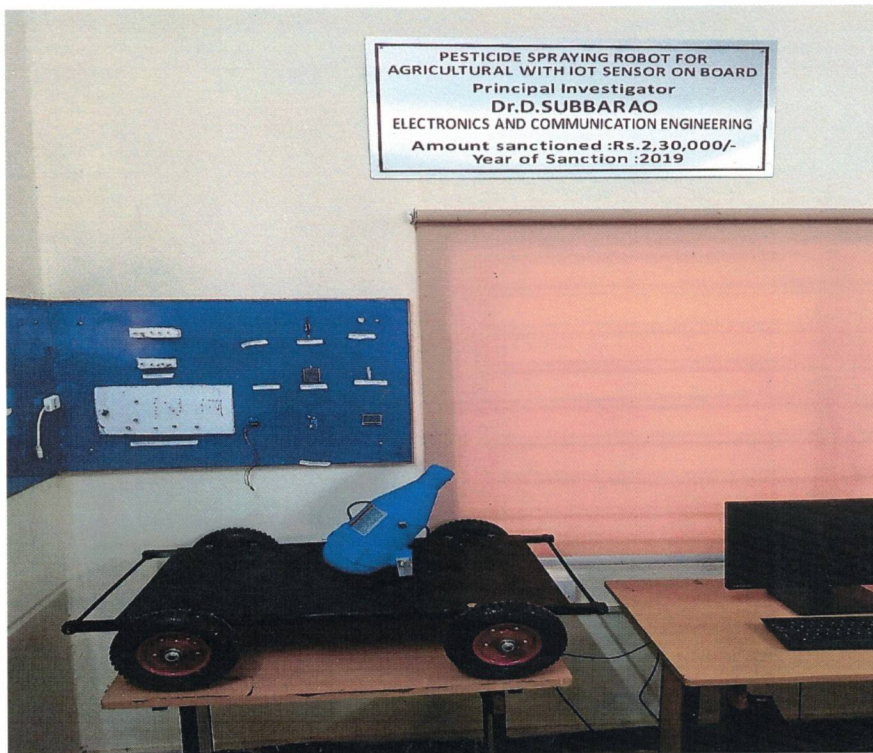





Siddhartha Institute of Engineering and Technology has initiated an innovation ecosystem to inculcate research activities among students and faculty members.

Pesticide Spraying Robot for Agriculture with IOT sensor on Board:

This is a novel innovation which works remotely. The robot senses the 'tubule' and immediately sprays the pesticide in and around the affected area. The advantage of this innovation is not only work remotely using Internet but also safe as there is no physical contact with the pesticide.




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(Approved by AICTE, Affiliated to JNTUH & Accredited by NBA)

Vinobha Nagar, Ibrahimpatnam, Ranga Reddy Dist - 501 506, Telangana, INDIA.

E-mail : info@siddhartha.ac.in; www.siddhartha.ac.in

Digital Notice Board 6x4 Feet

This is developed by the Faculty and Student team as a consultation Project. The digital board caters to the notifications and announcements to general public.



Schud
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Design and Development of Commercial 3D-Printer:

This 3D printer is intended to produce small fans for SMPS, Computer Memory cards and some of the blank PCBs.



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Solar Panel Cleaning Robot:

This Robot is developed for cleaning dust accumulated on Solar Panels. The Robot goes to the interior places and cleans the dust at elevated places.



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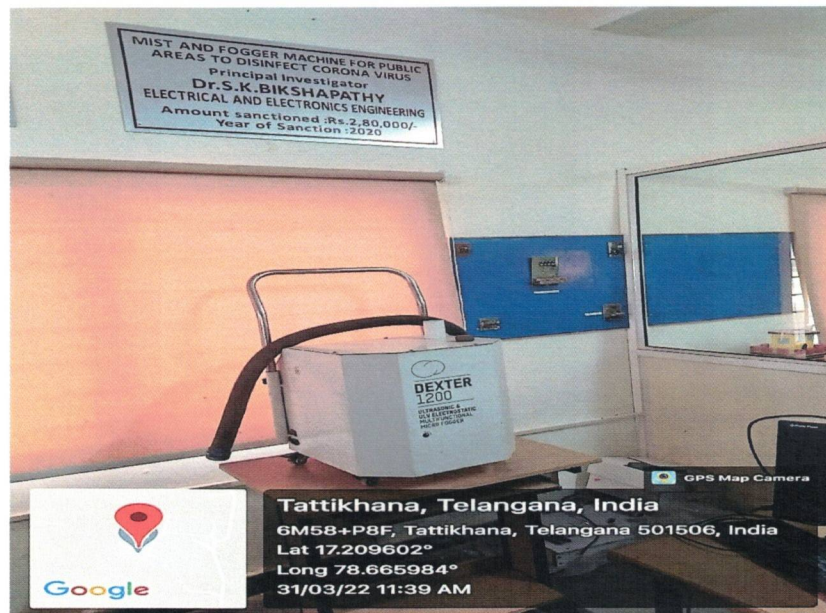
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MIST and FOGGER machine for public areas to disinfect corona virus:

This is developed during the COVID-19 pandemic where disinfecting the public areas were the most important. This is useful for Gateway apartment, offices and Educational Institutions.



S.K. Bikhshapathy

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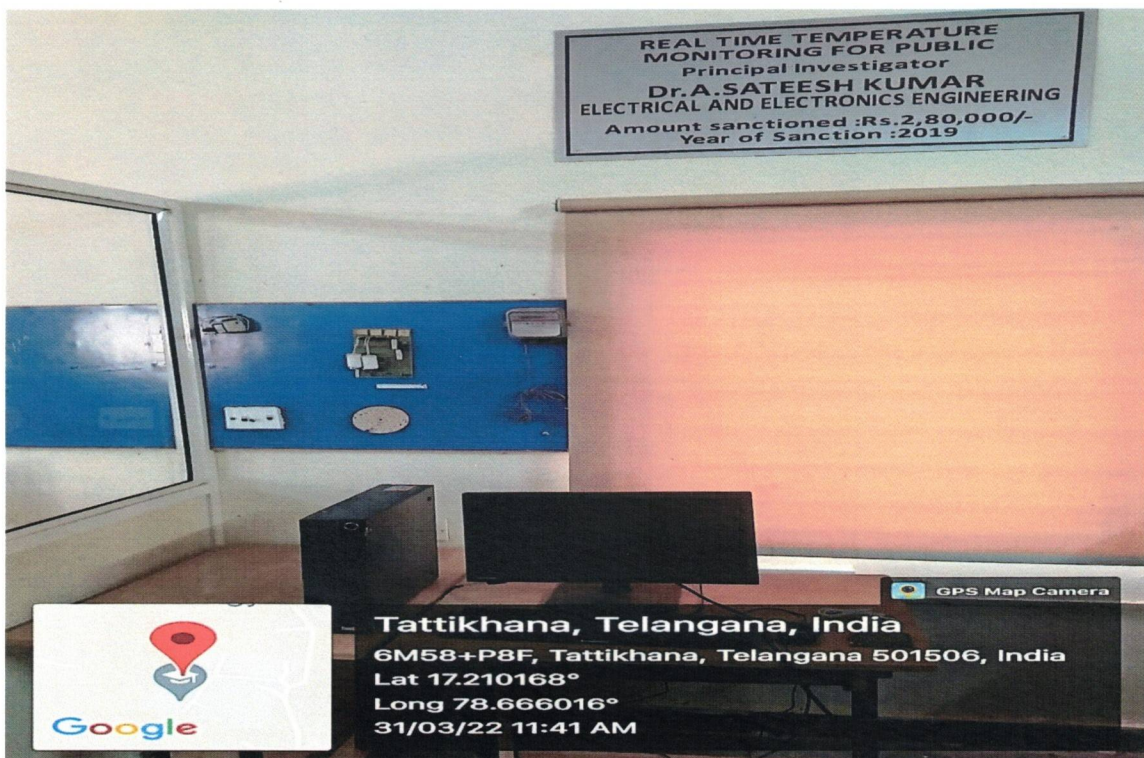
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Real Time Temperature Monitoring for Public:

This device is designed and developed for instant measuring of Temperature of Public. It is useful for travellers, Students etc.



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AI SURVEILLANCE

This project detects authorized students and faculty members and also fix unauthorized entry. This project also detects students who are roaming outside during class time.



(Signature)

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