



IEEE **SIGNAL PROCESSING SOCIETY**

Vellore Institute of Technology,
Vellore

Presents



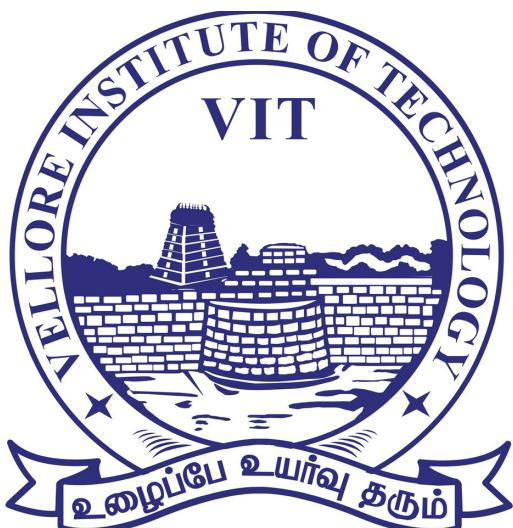
HACKX

Sponsorship Brochure

ABOUT VIT

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VIT was established with the aim of providing quality higher education on par with international standards. It persistently seeks and adopts innovative methods to improve the quality of higher education on a consistent basis.



- Recognized as an Institute of Eminence (IOE) by MHRD, Government of India.
- 16th ranked University by MHRD-NIRF.
- No.1 Private University for Innovation (2019) as recognized by ARIIA, Government of India.

- 15 Research programs are offered in the AY 2019-2020.
- Over 36,000 students spread in 4 Campuses, with nearly one-third of them are women, 1700 faculty and 1090 staff



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ABOUT IEEE SPS

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Founded as IEEE's first society in 1948, the Signal Processing Society is the world's premier association for signal processing engineers and industry professionals. IEEE-SPS VIT Chapter is one of the leading and finest student chapters in VIT University.

We conduct webinars, classroom sessions for hands-on experience, night lab sessions and outreach in Vellore. Our primary vision is to provide the innovative and enthusiastic 'engineers-to-be' a platform to explore their ideas and knowledge in the Signal Processing field. We aim at making students apply their knowledge into real-life, productive projects; hereby creating progress in the scientific arena.

- The Society organises numerous conferences around the world every year, focusing on the innovations shaping the future of signal processing and the future of our world.
 - Members have opportunities to be involved in boards and committees, and at the local level members are actively immersed in regional chapters , working on issues and projects that shape what's next in signal processing .
 - SPS serves its members through *high quality publications, conferences, technical and educational activities, and leadership opportunities*. Its goal is to keep members abreast of the latest information and to serve the public at large
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ABOUT HACKX

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HackX is a premium 36- hours hackathon to be organised by IEEE-SPS, vit student chapter.

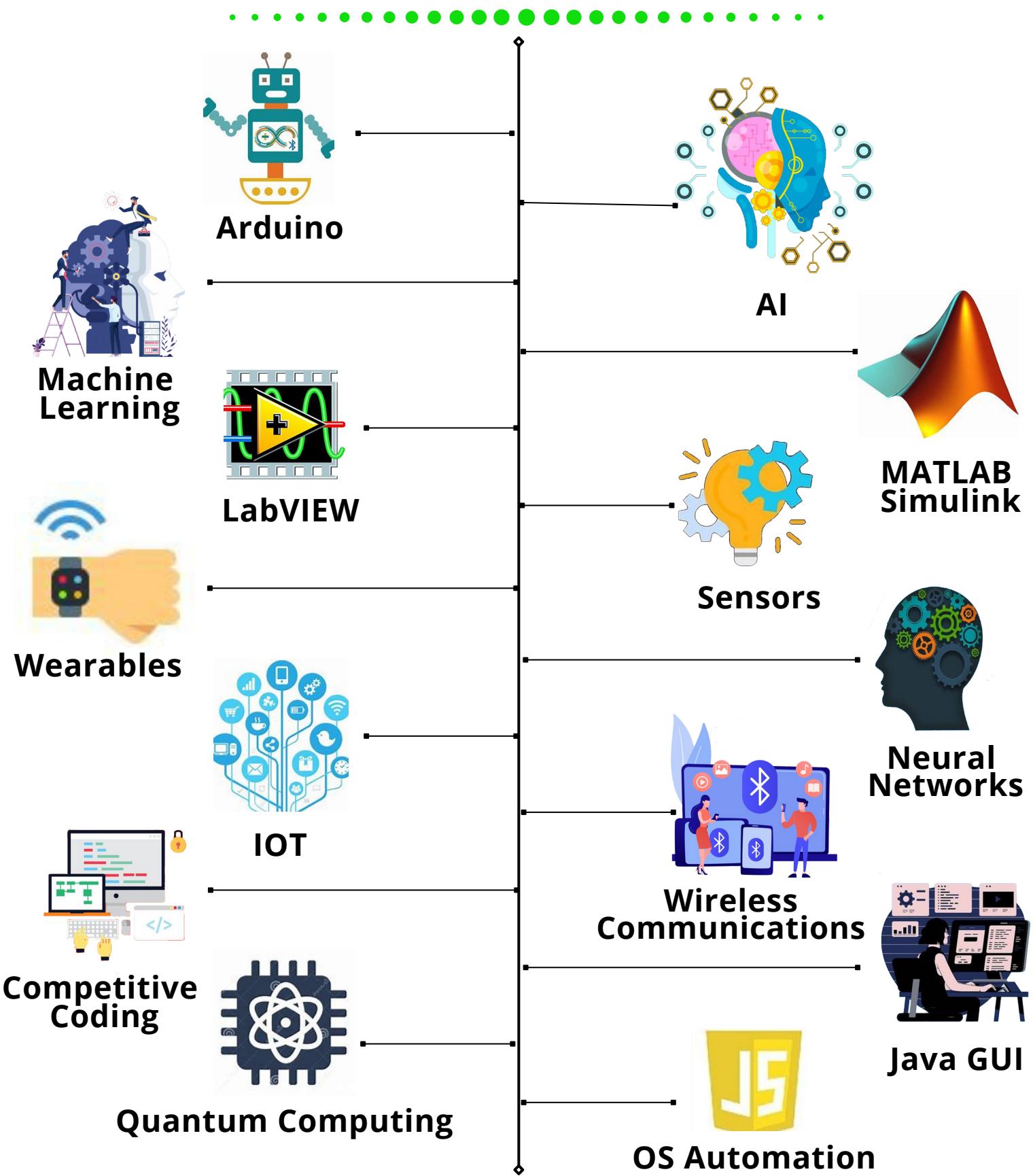
With the aim of providing aspiring engineers and tech enthusiasts a platform to showcase their skills, this hackathon will promote development and exchange of scientific knowledge.

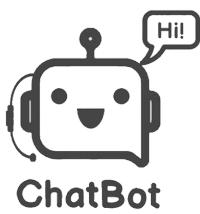
It envisions to maximise creativity, competitiveness and efficiency among the participants. Students from all over VIT University and even external universities will be invited to be a part of this technical extravaganza.

The hack will recognise the best projects and award them for their excellence.

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SPS EVENTS AND WEBINARS





BUILDING CHATBOT: Expertise from Scratch



SELF DRIVING CAR: End to End

IBM-DEV WORKSHOP: A Developer's Paradise



TEMPORA: An Ideathon

OUTREACH

Every attempt has been made by the Management and other administrative boards of VIT to assure that every student finds VIT a very lovely, fun and resourceful community to employ their erudite years. Through the events and Outreach by clubs and chapters, students are not simply revealed to the university but also with reputed colleges and universities in and around the country.



SPS PROJECTS

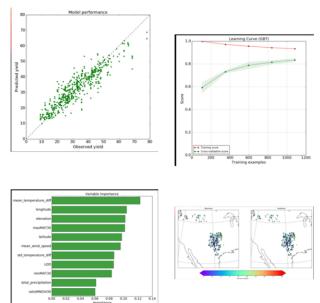
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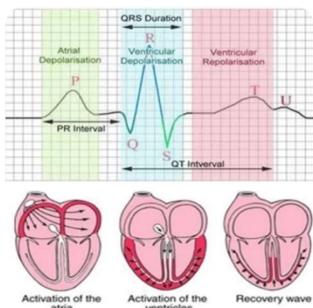
Wireless Communication Protocols Using ESP32



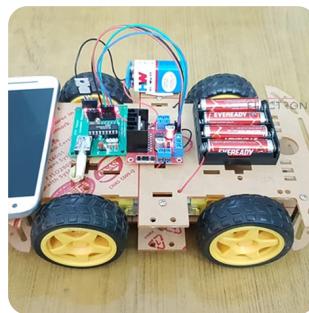
Pi music player



Quality check of crops: using weather prediction



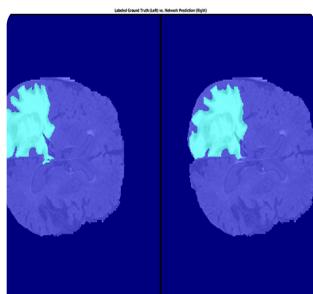
ECG analysis by using Matlab



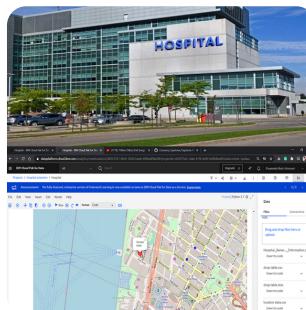
DTMF Controlled Robot without "Microcontroller"



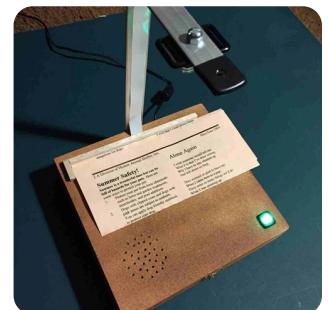
Drug recommendation based on patient detail



3-D Brain Tumor Segmentation Using Matlab



Hospital selection



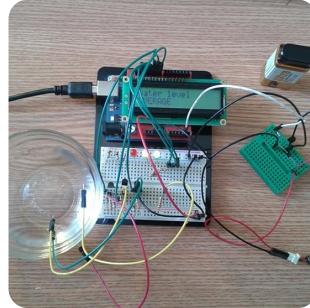
Pi Text Reader for blind

SPS PROJECTS

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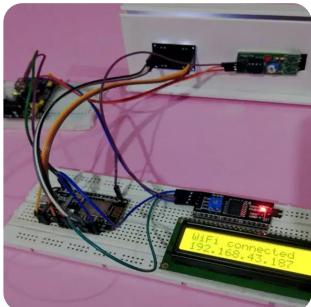
**IoT based
agriculture**



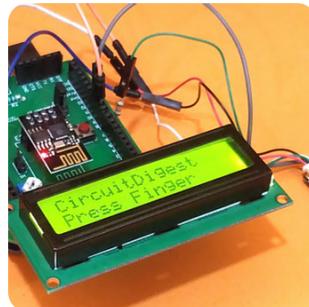
**Automatic water
level indicator
using Arduino**



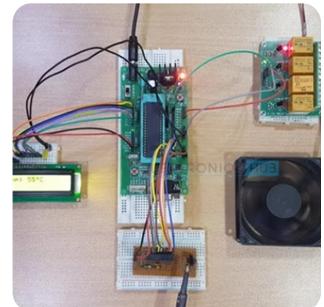
**Real-Time Face
Detection Using
MATLAB**



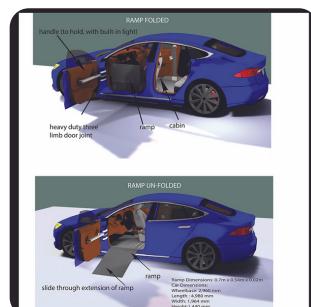
**IOT based Smart
Currency Counter
using NodeMCU**



**IoT Based Biometric
Attendance system
using Arduino and
Thingsboard**



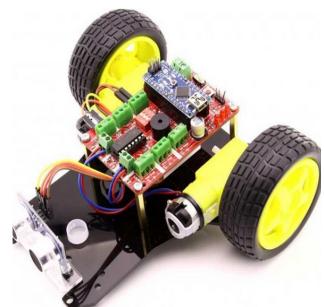
**Temperature
Controlled DC Fan
using Micro-
controller**



**Modified Tesla
Model S For The
Disabled**



**IoT based disaster
management**



**Obstacle Avoiding
Vehicle using
Arduino**

SPONSORSHIP DETAILS

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General Perks	BRONZE	SILVER	GOLD	PLATINUM
Send Judges		✓	✓	✓
Send Mentors	✓	✓	✓	✓
Speakers		✓	✓	✓
Participants can use the API/Platform/ Software	✓	✓	✓	✓
Special track			✓	✓
Own problem statement				✓
Complete right on all the projects made under that track				✓
Sponsor/Conduct any mini event during hack.	✓	✓	✓	✓
Presentation during the hack.		10 mins	20 mins	40 mins
Separate channel on Discord.			✓	✓

SPONSORSHIP DETAILS

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Branding Perks	BRONZE	SILVER	GOLD	PLATINUM
Social media shoutouts	✓	✓	✓	✓
Social media promotion during hack as well as for next 2 months		✓	✓	✓
Recognition as Sponsors in website	✓	✓	✓	✓
API/Softwares listed in website			✓	✓
Logo in email sent to 30000+ students		✓	✓	✓
API/Software list in email sent to 30000+students				✓
Logo on T-Shirts delivered to the participants			✓	✓
Featuring Logo in our Promotional video	✓	✓	✓	✓
Logo on all certificates			✓	✓
Logo on all events posters during Hack				✓
Increasing company's Google rating				✓

SPONSORSHIP DETAILS

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Recruiting Perks	BRONZE	SILVER	GOLD	PLATINUM
Access to all participants Github/ Resume			✓	✓
Access to only LinkedIn of all participants		✓	✓	✓
Private interview channels on discord.				✓
Access to all projects(except special track projects of any specific sponsor)				✓
Send Recruitment emails	✓	✓	✓	✓
	Rs.15,000	Rs.25,000	Rs.45,000	Rs.65,000

OTHER TYPES OF SPONSORSHIPS

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**Send Speakers to conduct Workshops
(both Technical and Non-Technical)**

Send Mentors

Gift Cards / Licenses / Coupons

Goodies and Swags

Subscriptions / Memberships / Discounts

Educational (Technical) Courses for free

Cloud Credits

CONTACTS

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