



IEEE

SIGNAL PROCESSING SOCIETY

**Vellore Institute of Technology,
Vellore**

Presents



HACKX

Sponsorship Brochure

ABOUT VIT



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



ABOUT IEEE SPS



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



ABOUT HACKX



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

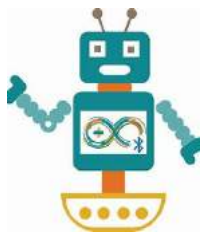
With the aim of providing aspiring engineers and tech enthusiasts a platform to showcase their skills, this hackathon will promote development and exchange of scientific knowledge.

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.

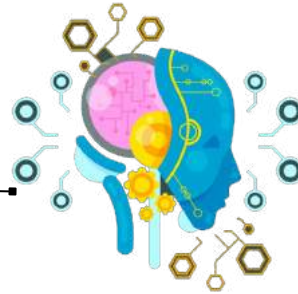
The hack will recognise the best projects and award them for their excellence.



SPS EVENTS AND WEBINARS



Arduino



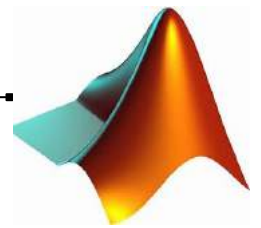
AI



Machine Learning



LabVIEW



MATLAB Simulink



Sensors



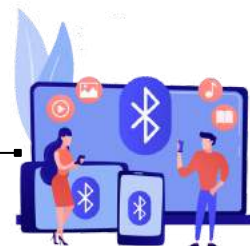
Wearables



IOT



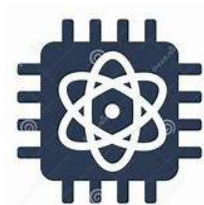
Neural Networks



Wireless Communications



Competitive Coding



Quantum Computing



Java GUI



OS Automation



BUILDING CHATBOT: Expertise from Scratch

EXPLORE THE GIT: Git and GitHub



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 event 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.

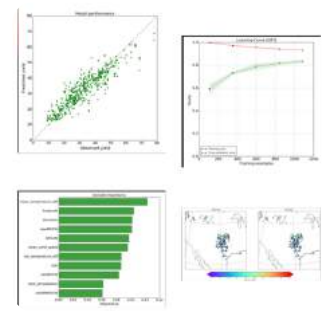
SPS PROJECTS



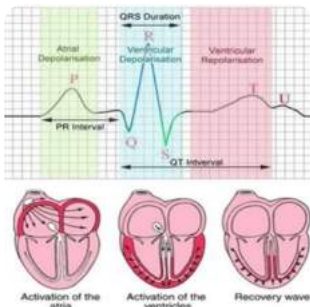
**Wireless
Communication
Protocols Using
ESP32**



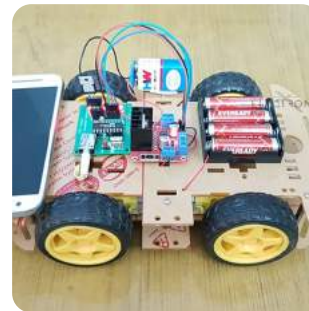
Pi music player



**Quality check of
crops: using
weather
prediction**



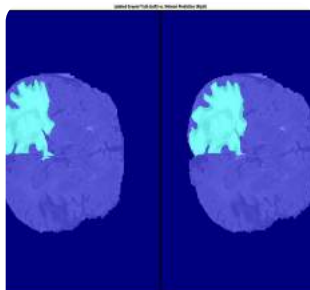
**ECG analysis by
using Matlab**



**DTMF Controlled
Robot without
"Microcontroller"**



**Drug
recommendation
based on patient
detail**



**3-D Brain Tumor
Segmentation
Using Matlab**



Hospital selection

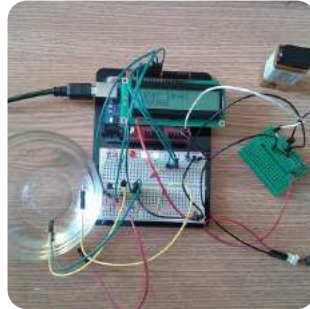


**Pi Text Reader for
blind**

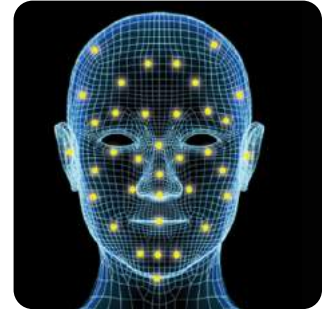
SPS PROJECTS



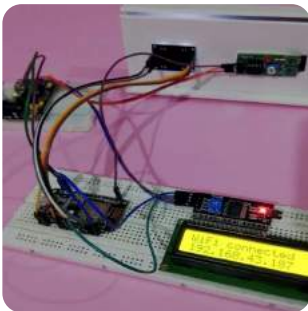
IoT based agriculture



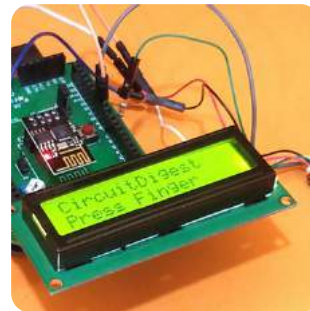
Automatic water level indicator using Arduino



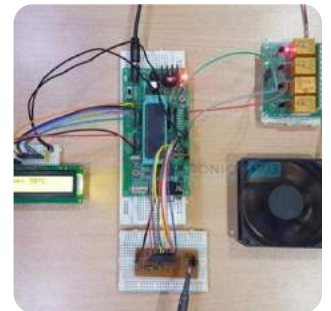
Real-Time Face Detection Using MATLAB



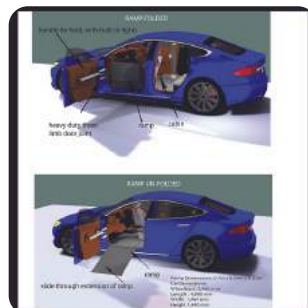
IOT based Smart Currency Counter using NodeMCU



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



General Perks	BRONZE	SILVER	GOLD	PLATINUM
Send Judges		✓	✓	✓
Send Mentors	✓	✓	✓	✓
Speakers	✓	✓	✓	✓
Participants can use the API/Platform/Software	✓	✓	✓	✓
Own problem statement		✓	✓	✓
Presentation during the hack.		10 mins	20 mins	40 mins
Separate channel on Discord.			✓	✓

SPONSORSHIP DETAILS



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



BRONZE

SILVER

GOLD

PLATINUM



Rs.5000

Rs.8,000

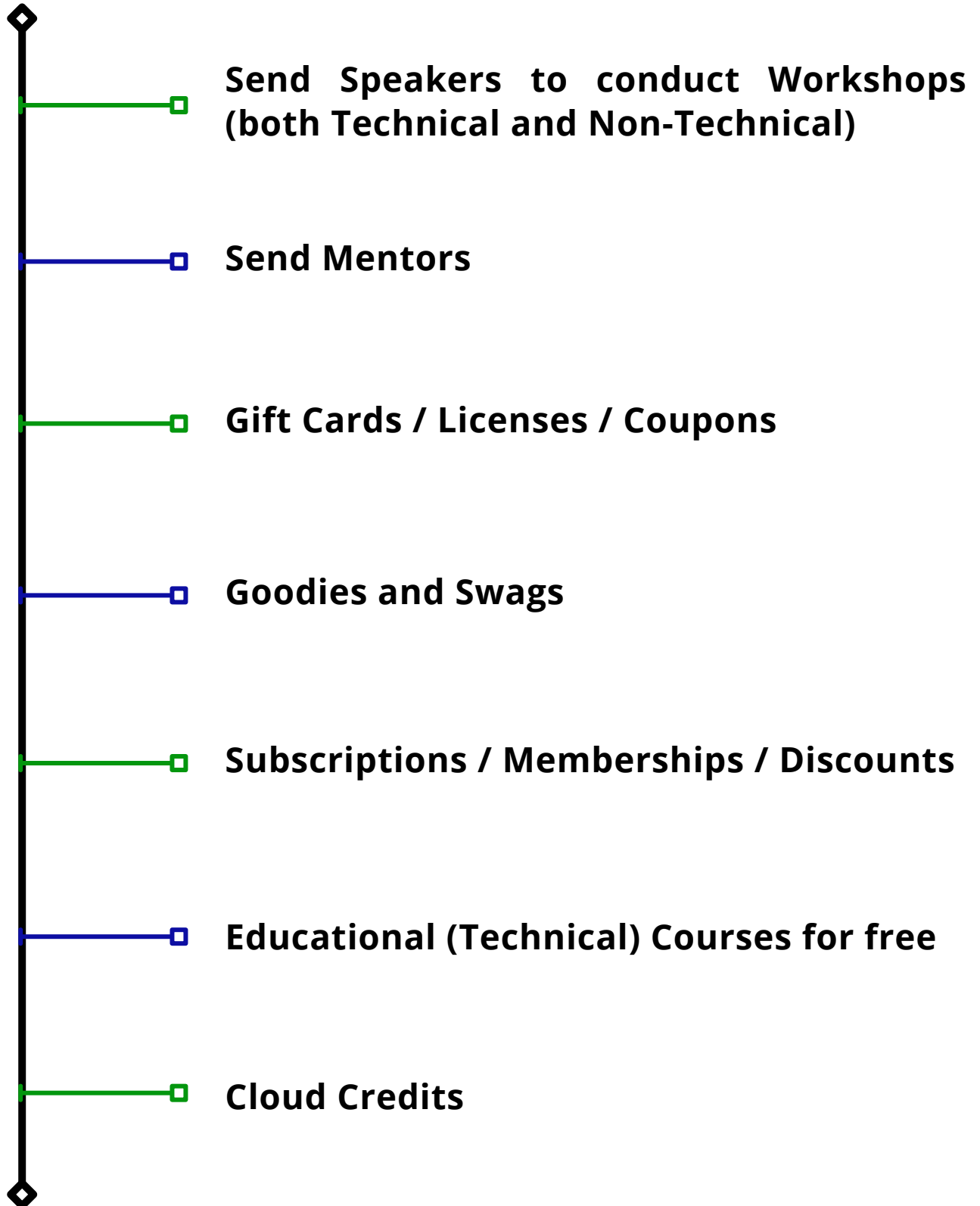
Rs.11,000

Rs.15,000

Keeping in mind the COVID-19 scenario we have kept the Sposnorship Amount Less.

The above Sponsorship details are negotiable.

OTHER TYPES OF SPONSORSHIPS



CONTACTS



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