

Council for Innovation and Excellence

STUDENT POC SCHEME

Results of POC Proposals

S.No	Institution Name	Title of the project	Department	Students Name	Amount Rs
1	Kamaraj college of engineering and technology, S.P.G.Chidambara Nadar, C.Nagammal Campus, Vellakulam, virudhunagar, Tamil Nadu - 625701	A Traffic compliant self-driving car	Computer science and engineering,	R.B. Shridharan S. Zawahar S. Srikumbesh	11,399
2	Velammal College of Engineering and Technology, Velammal Nagar, Viraganoor, Madurai 625009	Design and implementation of an automatic irrigation system based on monitoring soil moisture.	Electrical & Electronics Engineering	V. Jeevithaswari M. Harini A. Gayathri	10,583
3	Kamaraj College of Engineering and Technology, Virudhunagar, S.P.G.Chidambara Nadar, C.Nagammal Campus, Virudhunagar 625701	Weed Remover using Machine Learning	Computer science and engineering,	B. Swetha V. Subalakshmi N. Rohini	11,000
4	Velammal College of Engineering and Technology, Velammal Nagar, Viraganoor, Madurai 625009	Deep Learning Strategies for Fault Diagnosis in PV Systems	Electrical & Electronics Engineering	J. Mothiga Shivani	25,000
5	The American College, Alagar Kovil Main Rd, Alwarpuram, Tallakulam, Madurai, Tamil Nadu 625020	Onion segregation using AI	B.Sc Computer science	R. Adhiban	25,000

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6	The American College, Alagar Kovil Main Rd, Alwarpuram, Tallakulam, Madurai, Tamil Nadu 625020	Enterprise Data Management ML Hackathon: Revolutionizing Data Protection	B.Sc Computer science	J. Giridhar aparajith	15,000
7	Velammal College of Engineering and Technology, Velammal Nagar, Viraganoor, Madurai 625009	Monitoring of Coma patients using Smart system	Electrical & Electronics Engineering	K.Ananthalakshmi A.Lanisha Virgin P.Rajeswari	9,066
8	VPMM Engineering College For Women Taluk Krishnan Kovil Street, Srivilliputhur, Krishnan Kovil, Tamil Nadu 626190	IoT Edge Computing Devices	B.E Electronics and Communication Engineering	Anupriya	20,000
9	Madurai Kamaraj University Palkalai Nagar, Tamil Nadu 625021	Smart products development approaches for Industry 4.0	MBA	K. Arun	12,500

Terms & Conditions

1. The scheme is established to provide financial assistance to final-year undergraduate and postgraduate students (in engineering and all sciences) for conducting scientific research, with a particular focus on Proof of Concept (POC)s that leverage technologies such as Internet of Things (IoT), Artificial Intelligence (AI), Blockchain, and Automation to improve efficiency, sustainability, and safety in industrial settings.

2. The POC team is not allowed to change the topic or deviate from the objectives of the approved POC proposal. If any such changes occur, the grant will be considered void and the institution must return the approved amount to Quantanics & Edge Matrix Corporation.
3. The POC sanction letter and the grant amount will be sent to the Principal/Registrar of the institution, with a copy to the POC Guide.
4. The funds shall be sanctioned as installments on completion of reviews.
5. The approved POC must be completed and it must be submitted by the end of March 2024.
6. The POC must be in working condition while submitting and must meet the requirements given by the council during the review meetings.
7. The candidate needs to submit both Hardware and Firmware to the council.
8. If the candidate fails to bring the model into working condition or fails to give the expected outcome, the funds need to be returned back.
9. The candidate shall not disclose or submit the ideas to other funding agencies during this process and an NDA(Non Disclosure Agreement) would be signed. On violation of the agreement the grant shall be cancelled.
10. The Utilization Certificate (UC) and Statement of Expenditure (SE) must be signed by the POC guide, Head of Department (HOD), and Principal/Registrar/Dean, with an official seal as applicable. The POC guides are responsible for the timely submission of the POC Report (20-30 pages), Seminar Paper (6 pages), UC, and SE.
11. If the POC guide wishes to leave the institution where the POC is based, the institute/guide must inform the council immediately. In consultation with the council, the institute/guide must take steps to ensure the successful completion of the POC before relieving the guide.

12. Process Road Map

Date	Events
29.10.2023	Initial Idea Pitching
20.11.2023	Modified Idea Pitching
14.02.2023	POC Review
24.03.2024	Final Demo

The mode of presentation and the venue shall be informed later through the mail.



Er. Faiz Hussain

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