



R3 Projects – Spring 2021 RFP

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Region 3 Projects
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Currently Funded Projects from Fall 2020 funding

Title	Group	Section
Social Distancing Tracking System	University of Technology, Caribbean Maritime University, Digicel Jamaica Limited	Jamaica
Automated COVID-19 Temperature Sensor	University of West Indies - Student chapter	Jamaica
Pandemic Desk Shields	WIE	Jamaica
Sanitizing Drone	Valencia College	Orlando
Autonomous Surface Disinfection Robot	University of Central Florida	Orlando
Pandemic Member Support	Section	Melbourne
COVID-19 Hackathon: Global Challenges, Novel Solutions	Section	Richmond

* Region 3 2020 expense: \$6.4K



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Unplanned Benefits for Richmond section

Unplanned Benefits

- organizing a Robotics and Automation Society Chapter.
- expand our outreach to high schools
- reactivate an IEEE Student Branch

Allen Jones

Chair, IEEE Richmond Section

Chair, Richmond Chapter of the IEEE Computer Society



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Guidelines

- ▶ Develop a team to solve a problem associated with the following:

Supporting the new normal (*invent, design, experiment, support*)

Possible topics:

- Hybrid meetings
 - Hybrid K-12 Education (for the teacher, students, and/or family)
 - Virtual tours
 - Family-based STEM experiences and interactions
- ▶ Other topics will be considered
 - ▶ Problem / Solution must align with the IEEE Fields of Interest
 - ▶ Consider engaging section members / chapters / affinity groups / student chapters / community
 - ▶ Project Funding is one time up to \$1,000 per team based on submission requirements

* Existing projects can apply if the application identifies new or expanded activity over the existing project. We are not adding funds to complete an original project, but will consider funding the expansion over and above what was previously committed to.



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How to register

- ▶ Each section should develop a written plan with the following elements:
 - Define the problem
 - Define the solution
 - Who will participate?
 - What funds are required?
 - What is the proposed time-line?
 - Letter from section chair agreeing to support the project and take responsibility for funds
- ▶ Submit plan to R3 Projects committee for evaluation (g.randall@ieee.org)
- ▶ Each proposal will be evaluated by a committee:
 - Does the project make sense and meet the guidelines?
 - Are there any risks to IEEE that need to be evaluated?
 - Are the funds requested appropriate for the task?

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Proposal Acceptance

- ▶ If proposal is accepted
 - Funds will be transferred to Section CB account.
 - Team must update status monthly to R3 Projects committee
 - Must include pictures (people, project, community)

- ▶ R3 Project committee will post progress online of each team
 - Visibility to IEEE members of ongoing project in the region
 - Allow individual teams to consult with other teams working on similar projects

- ▶ R3 will highlight some teams based on progress / success
 - Great for social media updates, newsletter, SoutheastCon recognition



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Timeline

- ▶ **Announcement by May 1st**
- ▶ **Project applications due June 15th**
- ▶ **Applications reviewed, projects selected, and funds released by July 1st**

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Request

- ▶ **Requesting project funding to not exceed \$20K**
 - \$50k in budget 4.90.200 - “Initiatives”
 - Funds to be released in June
 - Fall 2020 expended \$6.4K
 - Potential for a Fall 2021 Project Funding cycle
 - R3 FinCom reviewed and supports this request

- ▶ **Goals of doing projects**
 - Engage members
 - Engage sections / chapters / affinity groups / student branches / community
 - Get sections started in the process of developing projects
 - Solve real life problems
 - Opportunity for projects to grow
 - Increase visibility in local communities

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Motion

► R3 Motion

Move that up to \$20k of 2021 Initiatives Budget be used to support the Region 3 Project initiative as described. Region 3 will fund accepted proposals through grants transferred to the group's section Concentration Banking Account (or NextGen equivalent) upon acceptance by the Project Review Committee and the Region 3 Director's concurrence. Funded groups are expected to produce monthly reports and participate in publicity efforts.