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CRYPTOHAWKS

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THE NEW YEAR!

SATHYA KRISHNAN

As 2022 ends and the new year begins, we all can't wait to see what the new year holds for us. As you all know this is our sophomore season (2nd year). Even though we have many goals and aspirations, we don't know what the future holds. What obstacles we will face, what competitions we will win, etc, that is for our future selves to find out. During the pre-season of 2022, we recruited many more members into robotics, trained them for the upcoming season (hence Bunny Bots), and made lots of changes to each of our departments (for efficiency and effectiveness). Even though that was our first year, we did a great job in last year's season and pre-season. Every year, we are seeing improvement though out robotics.



The FRC season will officially start on January 7th, when they will announce the games of 2023 and KICKOFF the season! This is a very exciting moment for everyone since no one really knows what to expect. Parents and family are invited to participate and watch only for the first hour of the kickoff (12:00-1:00 PM). The total event will last around three and a half hours (12:00-3:30 PM). It is advised that all robotics members join this meeting, just to get the gist of things. Robotics as a whole has one main resolution, and that is to improve robotics in any way we possibly can.

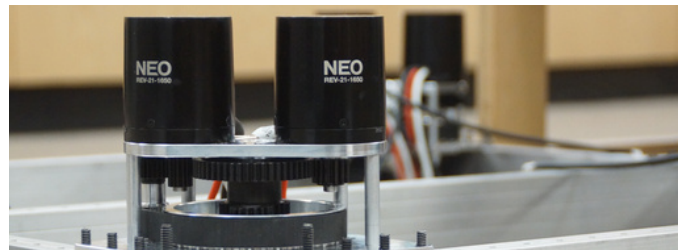


MECHANICAL & CONTROL GOALS

Our Mechanical and Control teams are pretty straightforward. The Mechanical department focuses solely on building the actual robot. Of course, our main goal is to be more efficient and manage time properly. Most of the time, we are on a huge time crunch (in both mechanical and control).

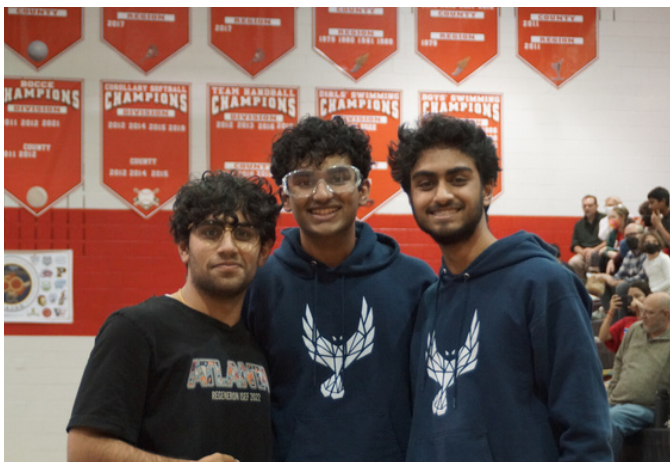
Control's main focus is to program and control the robot. Their main goal this year is to get more time to practice controlling the robot and learn more efficient programming skills that potentially could help the robot in different ways.

To achieve these goals, our mechanical and control divisions must collaborate and work together more, (which they are doing). If Mechanical finishes the robot faster, there is more time for control to kick into action! There is more time to tweak the robot, practice controlling the robot and program the robot.



NON-TECH GOALS

As for our non-tech division, our main goal is to reach out to the community and market / help out with robotics in general. Our outreach division is currently working on fun activities for robotics. This year, their main goal is to plan and create more events and be more creative for the coming year. Outreach focuses on team building and bonding, and holds various events. They also help out with different tasks for different divisions of robotics. They communicate with almost every division of Robotics. This division of robotics is very creative, and differs almost all the time. There is no one protocol for them.





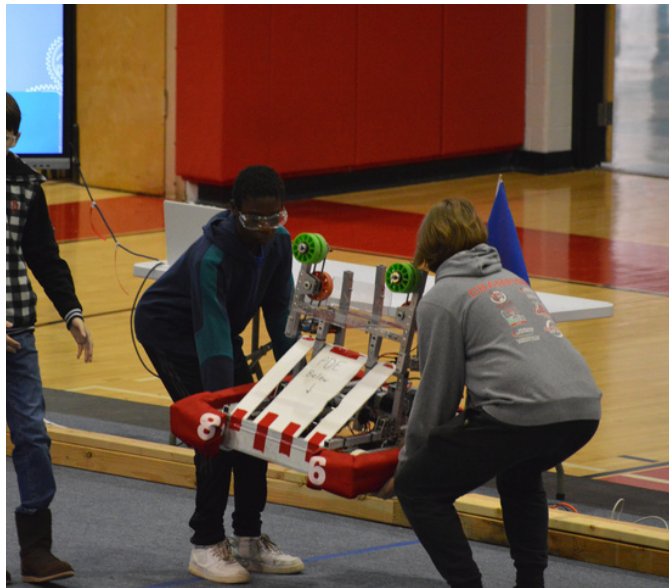
NON-TECH GOALS

As you all know, it is quite expensive to run robotics overall, so our business team comes in very handy. If you might have guessed, Business focuses on all aspects of finance for robotics. This year they want to raise more money for robotics, and quickly before the season starts, and we want to spend money wisely. We are starting more collaborations and fundraisers this year with other company's and organizations. We also want to benefit and make getting materials easier so we are still considering the idea of a booster club. With these new years resolutions, I think we can accomplish our goal as a whole. I would say, as long as we have our priorities straight, we are good to go, and this goes for all of robotics.

Marketing is not quite so straightforward. Unlike our other sub-teams, we have many goals to accomplish in different areas of robotics. The bright side is that we have a good organizational method for all this. Our

marketing division is currently focusing on getting more people on board and seeing what each person can do in the upcoming few months. We need people to manage photography, blogs, social media content, YouTube, Instagram, Twitter, ideas, designs, etc. Our main goal is to come out to the community and advertise our robots/Crytohawk as a whole. As we get closer to the season marketing and outreach will have more to do, while our business division can relax a bit. It has always been like that. Marketing also wants to focus on getting content out there as efficiently, and as widely spread as possible. We are also working on our new merch for the upcoming season (coming out soon)!





HOW TO HELP!

As you all know, it is quite expensive to fund robotics. Even though we are about to go into the new season in a few days, we still could use your help. I'm not going to go too in depth about our finances, but on average we need around 30,000. This includes the entry of the competitions, events, and the budget needed to build the actual robot. Believe it or not, the most expressive part of it all is entering the competitions, which in total costs around 29,000 avg.

We also have add a bit more money just in for case if we need it as back up, and we need to buy back up materials and host events for various reasons. Our business division and robotics as a whole is truly working hard and around everyone's schedules to make all this happen. thank you to all the students, parents and all your support as well.

If you or someone you know have contacts with a company that is willing to sponsor or mentor for us, please contact Mr. Joshua Holmes at joshua.holmes@fcps.org. **We have a sponsorship packet** that gives a rundown on the benefits of sponsoring us, which you can obtain a copy of the pdf [linked here](#), and here is the individual interest form that you can find [linked here](#).

