

October 2024 Newsletter

Continuing our annual rookie training and attending an off-season competition, MVRT had a truly action-packed month!

Over the October 26th-27th weekend, MVRT participated in the Capital City Classic! It was held at Pleasant Grove High School, home of FRC team 2073 EagleFroce Robotics. We truly had a blast attending this competition, from waking up at 3 A.M. to make the trip, training our new drive team, and allowing veterans to modify and gain essential skills and experiences in our last Crescendo game of the off-season.



In the weeks leading up to CCC, MVRT fixed key aspects of the robot to ensure a smooth operation at CCC! Specifically, the engineering department worked diligently on fixing the climber ensuring that it would allow us

to score points during the competition. With a smooth amp system and an accurate shooter, MVRT finished off strong at CCC. Alongside FRC Team 8, FRC Team 1425, and FRC Team 4698 part of the 5th alliance, we ranked at 7th overall.



CCC was also a great opportunity for members interested in the drive team! MVRT continued its tryouts for the

Operator, Human-Player, and Technician positions. Where members were eager to step onto the field and showcase their skills. Advait Anand, a Veteran and 3-year team member, mentions his experiences in a competitive setting where he tried out for the Operator role! He mentions "It was a new experience for me being on the field, and making actions that would directly impact the robot" However he also states "Even though there was a sense of pressure it was fun at the same time" and he believes "CCC

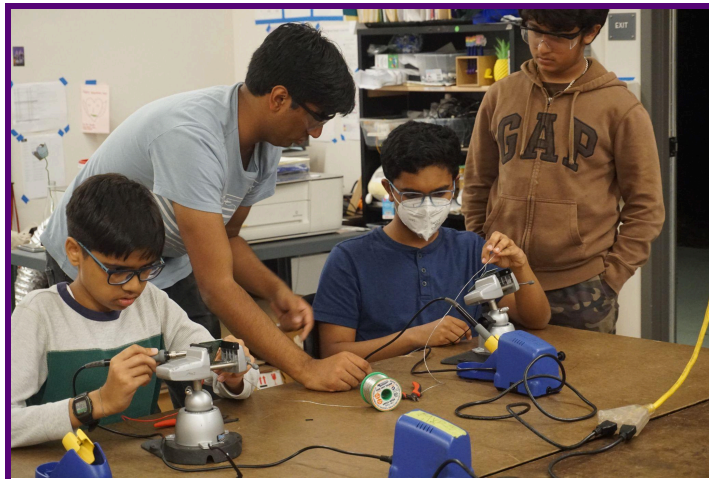
was a great experience to improve and practice my operating skills as well as experience the onfield pressure!”

With an amazing drive team, MVRT can not wait, to take on build season competitions! Additionally members who refined their skills at pits are eager to take what they have learned into future competitions.



Alongside competing at CCC, MVRT has been conducting rookie training! As the pace of Rookie training picks up, rookies have been delving into more complex topics such as sensors part of electrical and software as well as improving on their CAD skills part of the

mechanical division! Not only this, but rookies have also been gaining experience in operations. Learning and researching about the various Outreach programs MVRT conducts, applying Budgeting skills, and learning about grants in the Finance Division while learning more about graphics design in marketing.



Additionally, rookies will be introduced to a project they will be working on in groups! This project

will entail both an engineering and operations aspect, where rookies will be expected to design, CAD, and Mill their designs for a specific subsection of the robot. Additionally, using the skills they have learned as part of the electrical and software divisions, they will work towards integrating their system into a larger bot.

On the operations side, they will be expected to research an assigned Outreach program. Furthermore, by applying skills they learned in the marketing and finance training they will work towards promoting and budgeting for their outreach program!

Finally, mechanical veterans are furthering their knowledge through mill training conducted by Mr. Shinta!