

## ABSTRACT

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### **Pembelajaran robotika dan eksplorasi robot kits avishkaar di PT Racer Robotic Indonesia**

*Merdeka Belajar is a concept to give students the freedom to organize their own education according to their interests, talents and career goals. Various forms of outside learning activities, such as doing internships/work practices in industry, carrying out community service projects in villages, teaching at schools, participating in student exchanges, conducting research, carrying out entrepreneurial activities, making independent studies/projects, and taking part in humanitarian programs. This internship/Industrial Practicum was carried out at PT Racer Robotic Indonesia. The company operates in the professional education sector with STEAM-based education programs. Provide understanding in the field of robotics and programming to students, study other robotic product variants. Practicums are carried out in two divisions, RnD and trainer. Practitioners are assigned to the Rnd division to work on animation scratch modules or learning materials for elementary to high school students, while the trainer division teaches robotic extracurriculars to collaborating schools. This MBKM report is focused on the assignment of practitioners working to research existing tools at companies, working on projects and trainers to teach robotics extracurriculars to kindergarten to high school students. During the internship, the MBKM internship at PT. Indonesian Robotic Racer gained a lot of knowledge, information, soft skills and hard skills. With the existence of MBKM, it becomes a forum for writers to experience working in the industrial world, which of course is something they don't get while in college.*

**Keywords :** *Internship, Robotic*