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2024 date april 24 2024 presentations 11 00am 2pm award ceremony 3 30pm location busch student center multipurpose room 604 bartholomew road piscataway nj 08854 electrical engineering capstone all electrical engineering majors must complete the electrical engineering capstone series as a cohort b engr 494 engineering design innovation 3 prerequisites a minimum grade of 1 7 in either b ee 332 or b me 333 or a minimum grade of 2 0 in css 360 any of which may be taken concurrently electrical and computer engineering capstone design 4900 the capstone sequence is the primary culminating project of your electrical and computer engineering curriculum carry out a formal design experience taking you from design requirements to idea design generation through prototyping and testing 2024 electrical engineering capstone projects electrical engineering automated plant caretaking system darren chau ee khrystyna stepura ee shion mizuguchi ee advised by professor carl sable this project implements an indoor gardening system that automatically takes care of plants forty nine teams of both online and on campus students displayed their solutions to electrical engineering problems in a variety of fields including enhancing solar power generation capabilities detecting toxic carbon monoxide gas improving mobility for those with visual disabilities and purifying the air of carbon dioxide electronic and computer engineering control mechatronics engineering power engineering biomedical engineering electrical engineering capstone showcase 2023 or better known as eecs2023 is the fourth final year student exhibition day organized by the faculty of electrical engineering fke the electrical and computer engineering curriculum has developed into emerging technology fields such as energy power electronics solar cells smart grid environment sensors and sensor networks for environmental protection and bioelectronics and biophotonics a background in ece fundamentals is provided by coursework in linear systems a senior year sequence in design required of all electrical engineering students at the milwaukee school of engineering is described commencing in the fall qua degree offered bachelor of science in electrical engineering b s e e nature of the program educational objectives professional practice electrical engineering graduates will be successful in professional practice in engineering post graduate education

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the electrical and computer engineering curriculum has developed into emerging technology fields such as energy power electronics solar cells smart grid environment sensors and sensor networks for environmental protection and bioelectronics and biophotonics a background in ece fundamentals is provided by coursework in linear systems

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