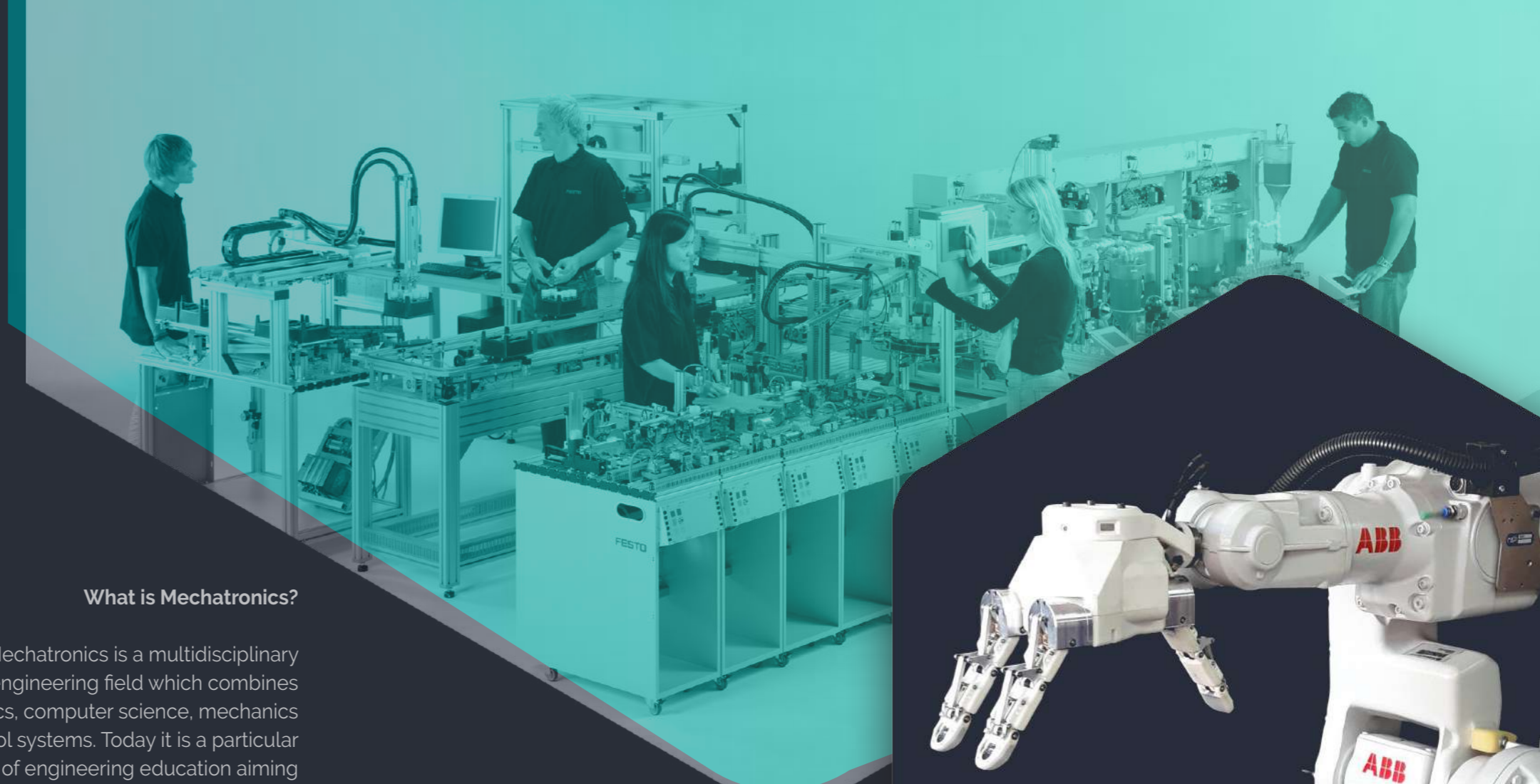
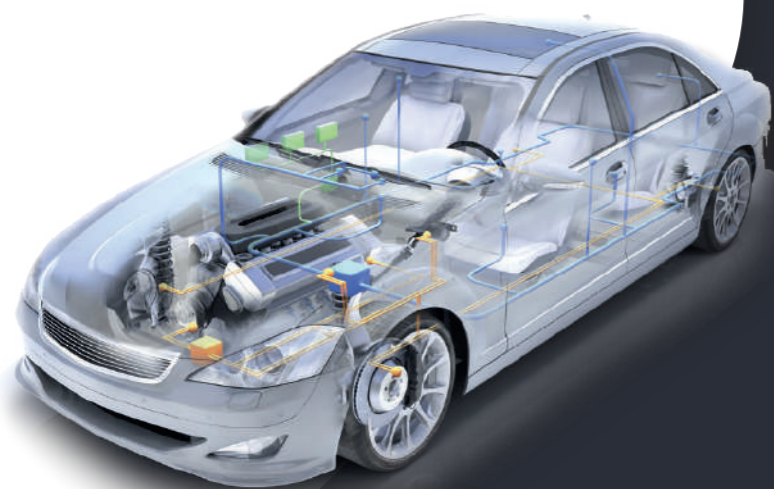


## Šta je mehatronika?

Mehatronika je multidisciplinarna inženjerska oblast koja predstavlja sinergiju elektrotehnike, mašinstva, računarstva i automatskog upravljanja. Javlja se kao poseban obrazovni profil na polju tehničkih nauka, u nastojanju da se ostvari edukacija inženjera sposobnih da razumeju u celini funkcionisanje i projektovanje savremenih sofisticiranih uređaja i sistema kao sto su: kućni uređaji, automobili, autonomne bespilotne letelice, CNC mašine, liftovi i pokretne stepenice, roboti za zavarivanje, automatski vođena vozila, i sl.

**Studijski program mehatronike** je prvi interdisciplinarni studijski program na Fakultetu tehničkih Nauka u Novom Sadu koji je krenuo sa radom školske 2002/2003. godine. Studije mehatronike na FTN danas se izvode na tri nivoa: osnovne akademske studije, master akademske studije i doktorske akademske studije.



## What is Mechatronics?

Mechatronics is a multidisciplinary engineering field which combines electronics, computer science, mechanics and control systems. Today it is a particular profile of engineering education aiming to prepare new generations of engineers capable to understand all aspects of functioning and designing modern sophisticated devices and systems, such as: household appliances, vehicles, unmanned aerial vehicles, CNC machines, elevators and escalators, welding robots, automated guided vehicles etc.

**Mechatronics study program** is the first interdisciplinary study program at the Faculty of Technical Sciences, University of Novi Sad, started in school year 2002/2003. The studies of Mechatronics at the Faculty of Technical Sciences are today performed on three levels: undergraduate academic studies, master academic studies, and PhD studies.



POSTANITE I VI PRIJATELJ  
**MEHATRONIKE**

BECOME A FRIEND OF  
**MECHATRONICS**

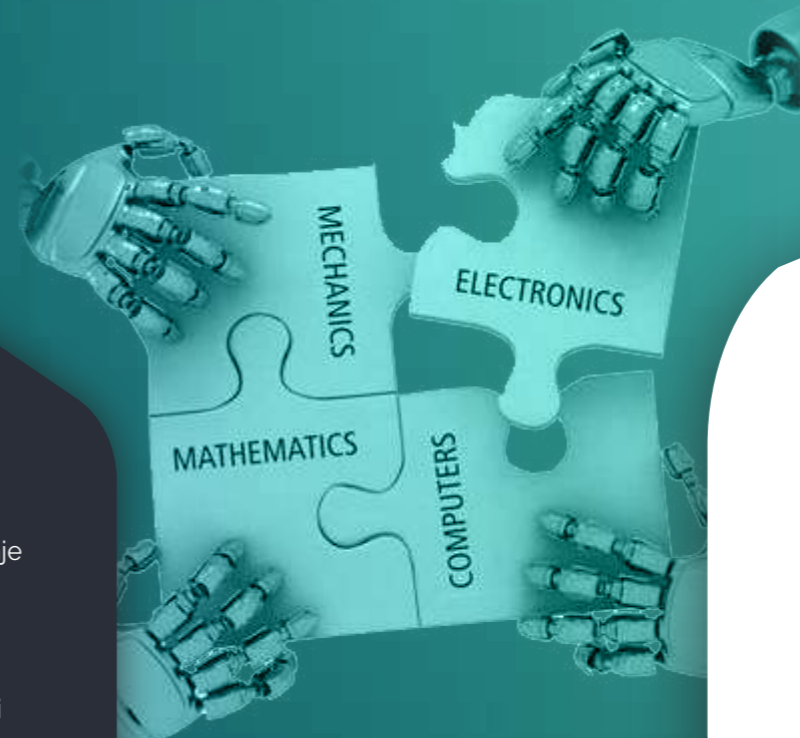
### Šta dobijate učešćem u ovom programu?

- Viši kvalitet diplomiranih inženjera mehatronike
- Prostor za reklamiranje vaše kompanije na našem sajtu
- Mogućnost isticanja logoa i reklame vaše kompanije na doniranoj opremi i laboratorijama
- Direktni kontakt sa studentima završnih godina
- Preporuke za najbolje studente mehatronike
- Mogućnost bližeg upoznavanje studenata sa vašom kompanijom (delatnošću, kadrovskim potrebama, poslovnim ponudama, i sl.)
- Mogućnost prezentacije i upoznavanje studenata i zaposlenih sa vašim proizvodnim programom
- Obuku studenata za rad na doniranoj opremi tokom izvođenja nastavnog procesa
- Uključivanje naših istraživačkih resursa u rešavanje vaših aktuelnih problema iz domena mehatronike, robotike i automatizacije
- Mogućnost prilagođavanja sadržaja pojedinih nastavnih predmeta specifičnim potrebama vaše kompanije
- Pristup domaćim i inostranim fondovima namenjenim za podršku saradnje privrede i naučno obrazovnih institucija
- Publikaciju rezultata međusobne saradnje u naučnim i stručnim časopisima u zemlji i inostranstvu
- i još mnogo toga...



### Kako možete postati prijatelj mehatronike?

- Donacijom opreme za potrebe naših nastavnih i istraživačkih laboratorija
- Učešćem na zajedničkim projektima
- Međusobnom razmenom iskustava iz prakse kroz organizovanje zajedničkih stručnih predavanja
- Zajedničkim učešćem na domaćim i međunarodnim naučno-stručnim konferencijama, sajmovima, itd.
- Donacijom računarske opreme ili softverskih licenci za obuku i rad studenata i istraživača
- Dostupnošću vaših resursa za potrebe studenata mehatronike (omogućavanjem korišćenja opreme, softvera, podataka iz procesa, i sl.)
- Organizovanjem fakultativnih poseta studenata vašoj kompaniji
- Omogućavanjem studentima obavljanje stručne prakse i izradu diplomskih radova u vašoj kompaniji
- Stipendiranjem studenata mehatronike
- Sponzorisanjem izrade robota i učešća ekipa studenata na međunarodnom takmičenju EUROBOT
- Na neki drugi (svoj) način...



### You can become a friend of Mechatronics by:

- donating equipment for our teaching and research laboratories
- establishing cooperation on joint projects
- mutual exchange of practical experiences through organizing joint professional seminars
- joint participation in national and international scientific and professional conferences, fairs, etc.
- donating computer equipment or software licenses for students and researchers
- sharing your resources with the students of Mechatronics (by allowing the use of your equipment, software, process data, etc.)
- organizing study visits for our students to your company
- arranging student internships, conducting a study and writing their thesis in your company
- providing scholarships to students of Mechatronics
- sponsoring student teams to built robots and participate in the international EUROBOT competition
- proposing your own model...

### What can you benefit by participating in this program?

- Higher quality of graduate Mechatronics engineers
- Raising brand awareness of your company by recognition on our website
- Possibility of promoting your company's logo and advertisement on donated equipment or laboratories
- Direct contact with students in their final years of studies
- Recruiting benefits by referring the best students to your company
- Familiarizing students with your company (your activity, recruitment needs, business possibilities, etc.)
- Possibility of organizing dedicated presentations of your company and products for students and researchers
- Students training on your donated equipment during studies
- Involvement of our researchers in solving your current problems in the domain of mechatronics, robotics and automation
- Possibility of influencing course development in your sector according to the specific needs of your company
- Access to national and foreign funds aimed at industry-university joint projects
- Presentation of the research results driven by our cooperation in national and international scientific and professional journals
- And more...

