

Dr Todor Janić, red. prof.

Uža naučna oblast: Poljoprivredna tehnika

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Zvanje:

Redovni profesor

Obrazovanje:

- **Dipl. inž. (1990)** - Poljoprivredni fakultet u Novom Sadu, smer: Poljoprivredna tehnika i racionalizacija
- **Magistar nauka (1995)** - Poljoprivredni fakultet, u Novom Sadu, oblast: Procesna tehnika i energetika
- **Doktor nauka (2001)** - Poljoprivredni fakultet u Novom Sadu, oblast: Procesna tehnika i energetika

Odabrane publikacije:

1. **Janić, T.**, Igić, S., Dedović, N., Pavlović, D., Turan, J., Sedlar, A.: Thermal power of small scale manually fed boiler, Thermal science, 19(2015)1, pp. 329-340
2. Brkić, M., **Janić, T.**, Igić, S.: Assessment of species and quantity of biomass in serbia and guidelines of usage, Thermal science, 16(2012)1, pp. S79-S86
3. **Janić T.**, Janić V., Igić S., Višacki V.: Uticaj vrste i forme biomase na toplotnu snagu kotlova, Savremena poljoprivredna tehnika, 44(2018)2, 65-72
4. Janić V., **Janić T.**, Igić S., Višacki V.: Sušenje povrća u tunelskim sušarama sa biomasom kao gorivom, Savremena poljoprivredna tehnika, 44(2018)2, 85-92
5. **Janić T.**, Janić V.: Tehnologija i tehnika za peletiranje biomase, Savremena poljoprivredna tehnika, 42(2017)3, 95-101,

Odabrani projekti

6. "Zaokruživanje materijalno-energetskog bilansa proizvodnje u Poljoprivrednom kombinatu Beograd" (evidencioni br. NP EE 722-1014 B, 2004-2005. god.) (**rukovodioc projekta**).
7. "Razvoj postrojenja za energetske konverzije balirane biomase (slame žitarica) za potrebe industrije u ruralnim ravničarskim regijama" (evidencioni br. NP EE 720 1037 B, 2004-2005) (**učesnik u projektu**).
8. Tehno-ekonomska karakterizacija, tipizacija i izbor kapaciteta i postrojenja za korišćenje biomase u sušarama i proizvodnim pogonima ZZ "Bag-Deko" u Bačkom

Gradištu, studija, (evidencioni br. NP EE 273022, 2007 god.) (**učesnik u projektu**).

9. Unapređenje materijalno-energetskog bilansa i razvoj preduslova za primenu ekološki korektnih energetskih sistema zasnovanih na sopstvenim energetskim resursima (biomasi) u PK "Mitrosrem" u Sremskoj Mitrovici (evidencioni br. NP EE 273021, 2006 – 2009.) (**rukovodioc projekta**).
10. "Razvoj i unapređenje tehnologija za energetski efikasno korišćenje više formi poljoprivredne i šumske biomase na ekološki prihvatljiv način uz mogućnost kogeneracije", (evidencioni br. III 042011, od 2011 - 2020 god.) (**učesnik u projektu**).

Akadske aktivnosti:

- Nastava iz uže naučne oblasti poljoprivredna tehnika na osnovnim akademskim, master i doktorskim studijama
- Mentor

Članstvo u udruženjima:

- Nacionalno naučno društvo za poljoprivrednu tehniku - predsednik
- Savez inženjera i tehničara Srbije - SMEITS

Ostalo:

- Glavni i odgovorni urednik časopisa: "Savremena poljoprivredna tehnika", Nacionalnog naučnog društva za poljoprivrednu tehniku
- Govori, čita i piše engleski, a govori i čita ruski.

PhD Todor Janić, ful prof.

Field of research: Agricultural Engineering

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Title:

Full professor

Education:

- **Dipl. eng. (1990)** - Faculty of Agriculture in Novi Sad, major: Agricultural Engineering and Rationalization
- **Master of Science (1995)** - Faculty of Agriculture, in Novi Sad, field: Process Engineering and Energy
- **Doctor of Science (2001)** - Faculty of Agriculture in Novi Sad, field: Process Engineering and Energy

Selected publications

1. **Janić, T.**, Igić, S., Dedović, N., Pavlović, D., Turan, J., Sedlar, A.: Thermal power of small scale manually fed boiler, *Thermal science*, 19(2015)1, pp. 329-340
2. Brkić, M., **Janić, T.**, Igić, S.: Assessment of species and quantity of biomass in serbia and guidelines of usage, *Thermal science*, 16(2012)1, pp. S79-S86
3. **Janić T.**, Janić V., Igić S., Višacki V.: Influence of type and form of biomass on thermal power of boilers, "*Contemporary Agricultural Engineering*", 44(2018)2, 65-72
4. Janić V., **Janić T.**, Igić S., Višacki V.: Drying vegetables in tunnel dryers with biomass as fuel, "*Contemporary Agricultural Engineering*", 44(2018)2, 85-92
5. **Janić T.**, Janić V.: Technology and technique for pelleting biomass, "*Contemporary Agricultural Engineering*", 42(2017)3, 95-101,

Selected projects

1. "Completion of material and energy balance of production in the Agricultural Combine Belgrade" (registration number NP EE 722-1014 B, 2004-2005) (project manager).
2. "Development of a plant for energy conversion of baled biomass (cereal straw) for the needs of industry in rural lowland regions" (registration number NP EE 720 1037 B, 2004-2005) (participant in the project).
3. Techno-economic characterization, typification and selection of capacities and plants for the use of biomass in dryers and production plants of ZZ "Bag-Deko" in

Bački Gradište, study, (registration number NP EE 273022, 2007) (participant in the project) .

4. Improvement of material-energy balance and development of preconditions for application of ecologically correct energy systems based on own energy resources (biomass) in PK "Mitrosrem" in Sremska Mitrovica (registration number NP EE 273021, 2006 - 2009) (project manager).
5. "Development and improvement of technologies for energy efficient use of several forms of agricultural and forest biomass in an environmentally friendly manner with the possibility of cogeneration", (registration number III 042011, from 2011 - 2020) (project participant).

Academic activities:

- Teaching in the already scientific field of agricultural technology in basic academic, master's and doctoral studies
- Mentor

Membership in associations:

- National Scientific Society for Agricultural Engineering - President
- Association of Engineers and Technicians of Serbia - SMEITS

Other:

- Editor-in-Chief of the journal: "Contemporary Agricultural Engineering", National Scientific Society for Agricultural Engineering
- Speaks, reads and writes English, and speaks and reads Russian.