Dragica Milenkovic took a part in realization of next scientific-research projects:

1. Optimization of pump construction with cavitations respect (1979, 1980, 1981), Regional community of sciences-Niš.
2. Hydraulic transient in pump plants, analysis and method for parameters computation, generation of computational algorithm and choice of optimal protection, (1983, 1984, 1985), Regional community of sciences-Niš.
3. Development of modern method for theory boundary layer researching (1983,1984,1985), Regional community of sciences-Niš
4. Friction welding, research and analysis of influence parameters, Regional community of sciences-Niš.
5. Research and development of hydraulic characteristics and construction of centrifugal pumps in function of energy saving (1986, 1987,1988), Regional community of sciences-Niš
6. Mechanical systems and their application (1981, 82, 83, 84, 85), Republic community of sciences -Beograd.
7. Application of numerical computations (1986, 87, 88, 89, 90), Republic community of sciences –Beograd.
8. Research in mechanics with applications (1986, 87, 88, 89, 90), Republic community of sciences -Beograd.
9. Research of flow processes in hydraulic machines and systems in function of stability and enhancement of energetic characteristics, (1991, 92, 93, 94, 95), Republic scientific fund.
10. Modern problems in mechanics (1991, 92, 93, 94, 95) Republic scientific fund.
11. Current problems in mechanics and applications (1996,97,98,99,2000) Republic of Serbia
12. Computation, construction, prototype development and testing of twin flow pumps (1.12.1996-30.11.1997.)
13. 11M04 – Development of methods and models for researching of phenomenon and mechanisms in processes in function of efficiency of mechanical systems, Faculty of Mechanical Engineering, Republic of Serbia, manager dr Zoran Boričić
    subprojects:
    a) Research of flow processes in hydraulic elements in function of controllability stability and enhancement of energetic characteristics (manager D.Nikodijević).
    b) New methods for construction calculations and fabrications of centrifugal pumps with small specific speeds (manager D.Milenković)
14. Pipe turbines with power up to 10MW project number: S.2.06.16.0159
    a) Hydro mechanical equipment for pipe turbines with power up to 10MW (manager D.Milenković).
    b) Auxiliary systems for pipe turbines with power up to 10MW (manager B.Bogdanović).
15. Optimization of pump plants for water distribution systems (demo-city Leskovac), NPEE 413-42b
16. OI 1373 Analytical and numerical methods of fluid mechanics (manager Vladan Đorđević, Ph.D.)
17. Research of optimal tribo-pair cylinder block-valve plate at axial-piston pumps and hydro motors with aim in quality and efficiency improvement MIS. 3.02.0078. B.
18. Turbine-pump aggregate for irrigation, NPEE 1006, (manager B.Bogdanović).
19. Developments of energy efficiency pump stations for multistory building, NPEE 242004, (rukovodilac D.Milenković).

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2. Z.Boričić, D.Nikodijević, D.Milenković; A parametric method in the theory of the non-stationary two-dimensional MHD boudary layer at a porous contour; International Conference on Problems in Fluid Mechanics and Hydrology, June 23-26, 1999. Prague, Czech Republic, organized by the institute of Hydrodynamics AS CR; Proceedings of the inernational Conference, Volume 1, Mechanics of Fluids and disperse systems, Rheology and Biomechanics; 22-29. (R54)
3. D. Milenković, The unstable operation of turbo machines, Facta Universitatis, series mechanics, automatic control and robotics, vol2, No 7/2, 1999., pp. 561-574. (R52)
4. B. Šefik, D. Milenković, Analiza osnovnih konstruktivnih rešenja postrojenja za sagorevanje otpada i načina njihovog priključenja na sistem daljinskog grejanja, II Međunarodno savetovanje o dostignućima elektro i mašinske industrije DEM II '99, Banja Luka 1999. (R54)
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6. Z.Boričić, D.Nikodijević, D.Milenković; Unsteady plane MHD boundary layer of the fluid whose electroconductivity is a decreasing function of velocity ratio; Bulletins for Applied & computing mathematics, BAM-1686/99 XC-B, 7-14 TU-Budapest. (R52)
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14. V.Saljnikov, Z.Boričić, D.Nikodijević; General similarity method for unsteady MHD free convection problems on the vertical wall; FACTA UNIVERSITATIS, Series Mechanics, automatic control and robotics, Vol.2, No 10/2, 2000; 1233-1241, Univesity of Nis. (R52)
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