

60 YEARS OF THE FACULTY

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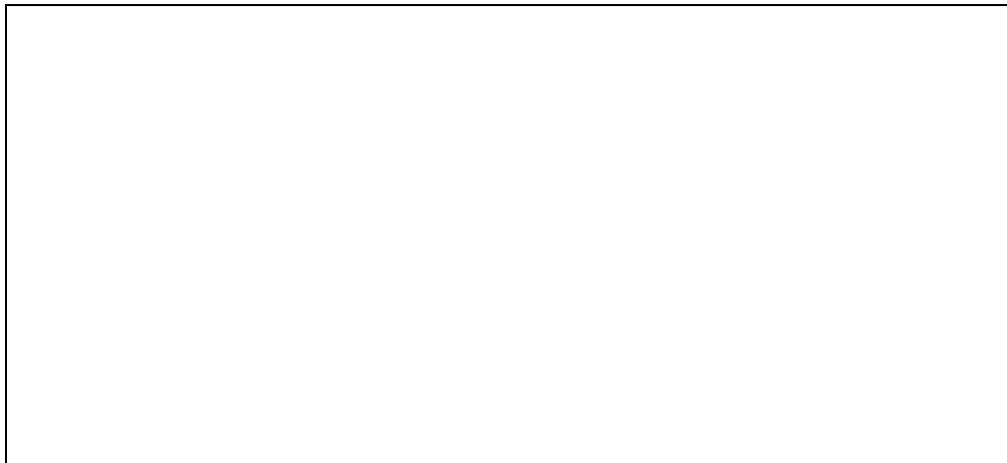
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**FACULTY OF SPORT AND PHYSICAL EDUCATION
UNIVERSITY OF BELGRADE
60th ANNIVERSARY**

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1. UNIVERSITY OF BELGRADE

Picture 1 University building in Belgrade

University of Belgrade is the largest and the most significant academic institution in Serbia, the center of education, scientific and social life, and a source of highly educated personnel, not only for our country but for the entire region. In 2005 we marked the 100th anniversary of the first University Law. Precisely 100 years ago, the Advanced School was transformed into the University of Belgrade which had 34 professors and 788 students.

Today, the University of Belgrade comprises 31 faculties, classified into 5 groups (Technical sciences, Medical sciences, Natural sciences and Mathematics, Biotechnical sciences) as well as five scientific institutes. Besides, the University library “Svetozar Markovic” with a stock of over 1,5 million publications, as well as the Computer center also belong to the University. The number of students who have graduated at the University of Belgrade exceeds 320.000, the number of Master’s degrees awarded reached 28.000 and the Doctor’s degrees until today were awarded to 12.000 candidates. Currently, 72.000 students of graduate studies are acquiring knowledge, taught by 2.500 professors and associate professors, as well as that many assistant professors and teaching associates.

The greatest challenge awaiting the University of Belgrade today is an adequate implementation of the reform and the new University Law. The re-entering into the family of European universities means the adaptation of the high education system to the standards of the Bologna principles. The task of reaching the European Higher Education Area by 2010, imposes the harmonization and identification of curricula, i.e. academic ranks, as well as mobility of students, teachers and staff, based on that.

MEMBERS OF THE UNIVERSITY OF BELGRADE

FACULTIES

SCIENTIFIC INSTITUTES

UNIVERSITY LIBRARY
"SVETOZAR MARKOVIĆ"

- INSTITUTE FOR BIOLOGICAL RESEARCH "SINIŠA STANKOVIĆ"
- INSTITUTE OF MOLECULAR GENETICS AND GENETIC ENGINEERING
- INSTITUTE FOR PHYSICS
- INSTITUTE FOR PHILOSOPHY AND SOCIAL THEOR
- INSTITUTE FOR CHEMISTRY, TECHNOLOGY AND METALLURGY

FACULTY GROUP OF NATURAL SCIENCES AND MATHEMATICS

FACULTY GROUP OF TECHNICAL SCIENCES

FACULTY GROUP OF BIOTECHNICAL SCIENCES

FACULTY GROUP OF SOCIAL SCIENCES

FACULTY GROUP OF MEDICAL SCIENCES

- FACULTY OF BIOLOGY
- FACULTY OF GEOGRAPHY
- FACULTY OF MATHEMATICS
- FACULTY OF PHYSICAL CHEMISTRY
- FACULTY OF PHYSICS
- FACULTY OF CHEMISTRY

- FACULTY OF ARCHITECTURE
- FACULTY OF CIVIL ENGINEERING
- SCHOOL OF ELECTRICAL ENGINEERING
- FACULTY OF MECHANICAL ENGINEERING
- FACULTY OF MINE AND GEOLOGY
- FACULTY OF TRAFFIC AND TRANSPORT ENGINEERING
- TECHNICAL FACULTY IN BOR
- FACULTY OF TECHNOLOGY AND METALLURGY
- FACULTY OF ORGANIZATIONAL SCIENCES

- FACULTY OF AGRICULTURE
- FACULTY OF FORESTRY

- FACULTY OF ECONOMICS
- FACULTY OF LAW
- FACULTY OF ORTHODOX THEOLOGY
- TEACHERS' TRAINING FACULTY
- FACULTY OF POLITICAL SCIENCES
- FACULTY OF SECURITY
- FACULTY OF PHILOSOPHY
- FACULTY OF PHILOLOGY

- FACULTY FOR SPECIAL EDUCATION AND REHABILITATION
- SCHOOL OF MEDICINE
- FACULTY OF DENTAL MEDICINE
- FACULTY OF VETERINARY MEDICINE
- FACULTY OF SPORT AND PHYSICAL EDUCATION**
- FACULTY OF PHARMACY

2. FACULTY OF SPORT AND PHYSICAL EDUCATION (FROM “DIF” TO “Faculty of S&PE” 1946-2006)

In 1946, realizing the necessity to have more qualified personnel in the field of physical culture, the government of the Federative People’s Republic of Yugoslavia made the “Decree on the Federal Institute for Physical culture”, that was established as the “High vocational school of general state interest, whose task is to prepare highly qualified leaders and teachers of physical culture.” It was determined that the studies would last three years, and only two years later, in 1948, the studies were prolonged to four years, that raked this school among the rest of the advanced education institutions. However, the education of the professional staff in the field of physical culture had been initiated much earlier than 1946.

ONE-YEAR COURSE FOR TRAINING OF PHYSICAL EDUCATION TEACHERS IN SCHOOLS

The Minister of the Ministry of Physical Education of the people in the Kingdom of Yugoslavia, **Bujic,*** PhD, with the approval of the Ministry of Education Margasevic, made the decision on the foundation of ***One-year preparation course for PE teachers in schools in 1938*** and prescribed the curriculum for the work of this school, that included 25 subjects.

Adolf Pihler,* PhD was appointed the administrator of this One-year course, and the instruction was carried out in the building of Sokol Belgrade in 27 Deligradska Street, in which, this Institution, that changed names, years of studying and curricula, continued its to work until 1968.

The school lasted for one year (two semesters), and after that most of the 49 participants, who completed this One-year course became PE teachers in secondary schools and teachers’ training schools.

SCHOOL FOR PHYSICAL EDUCATION

After the first two years of activities of the One-year course, the Minister of the people’s physical education, realizing the necessity to enlarge the program of professional qualification of teachers, established School for physical education, seated in Belgrade in 1939.

This newly established School was advanced vocational school at the same level with the Teachers’ training College, and the curriculum predicted 30 courses. Milivoje Vuk Aracic was appointed rector.

In the academic 1939/40 33 male and 25 female students were enrolled and in 1940/41 35 male and 21 female students.

However, the beginning of the Second World War (1939) and the immediate war danger that threatened the Kingdom of Yugoslavia, forced the Minister of people’s physical education to make the decision on dismissal of the School for physical education on March 31, 1941.

The April war in 1941 against the Kingdom of Yugoslavia, and consequently its occupation, interrupted the regular instruction for the students of physical education, but not the work of the School, which continued to exist administratively.

Twenty days after the liberation of Belgrade (November 11, 1944) the School for physical education, continued its work by gathering the teachers and the preparation of “physical culture courses”. And while the Second World War was still on, even at the territory of Yugoslavia, the teachers of the School organized from March to September 1945 three physical culture courses for staff in the area of physical culture.

CONTINUATION OF WORK OF THE SCHOOL FOR PHYSICAL EDUCATION AFTER THE SECOND WORLD WAR

The Ministry of Education of the **Democratic Federative Yugoslavia** made the decision on July 18, 1945 on establishment of One-year Advanced Course that enrolled 75 students. The reduction of the duration of the course resulted from the great and urgent necessity for rapid creation of necessary professionals in the field of physical culture.

STATE INSTITUTE FOR PHYSICAL CULTURE

On July 16, 1946, the Government of the **Federative People’s Republic of Yugoslavia** made the Decree on State Institute for Physical Culture. It was determined that the studies were to last three years, and two years later (1948) the studies were prolonged to four years.

INSTITUTE OF PHYSICAL CULTURE

Starting from the academic 1951/1952 the name of the State Institute for Physical Culture was changed in to the Institute for Physical culture, in accordance with the existing socio-political and administrative changes, in the initiated process of withering away of the state. Except for the name change, all the obligations, tasks, organization and function of the School remained the same.

Picture 2 Old building of the “State Institute for Physical culture”

ADVANCED SCHOOL FOR PHYSICAL EDUCATION

“The Law on Advanced School for Physical Education” emanated by the National Assembly of the People’s Republic of Serbia in 1956 made equal the position of this School with the status of the students of other faculties with the provision that reads:

“The Diplomas issued by the Advanced School have the same value as the Diplomas issued by the Faculties of the University”

The Advanced School for Physical education became a member of the University of Belgrade on January 6th 1963, which was a credit to this institution for overall contributions made in education and scientific work. That way it was admitted that it reached the level and range of other faculties of the University of Belgrade.

In the academic 1964/65 the first generation of 16 students, started their post-graduate studies.

The first Doctor's degree in the field of physical education sciences was awarded to professor Nikola Kurelic, teacher of this School in May 1965 at the Academy of Warsaw and he became the first Doctor of Science in the field at this faculty in Yugoslavia.

In September 1968, after 30 years of work in the building of the former Sokol house, of the Sokol society of Belgrade in Deligradska street number 27, the school moved to a new building at Kosutnjak.

FACULTY FOR PHYSICAL EDUCATION

The Assembly of the Socialist Republic of Serbia emanated the Law on Faculty of Physical Education on 11 December 1968 which said that "The Advanced School for Physical Education in Belgrade shall continue its work as the Faculty for Physical Education".

That way the ceaseless efforts and tentative of the teachers, students and employees of this school to reach the level of the faculty – the highest university educational-scientific institution, were rewarded. Starting from 1985 the December 11th is celebrated as the Day of the Faculty.

FACULTY FOR PHYSICAL CULTURE / FACULTY OF PHYSICAL CULTURE

The Faculty for Physical Education changed its name into the Faculty for Physical Culture in 1987 so that the new name could encompass the entire activity of the Faculty in all the aspects of physical culture (physical education, sport, sports recreation). In the course of 1990 the name Faculty for Physical culture was changed into Faculty of Physical Culture.

FACULTY OF SPORT AND PHYSICAL EDUCATION

With significant changes of the Curriculum, new departments for Physical Education, Sport and Recreation (in the following year departments of Sport and Recreation merged into a unique department) were established and during 2000 the Faculty of Physical Culture changed its name into Faculty of Sport and Physical Education.

3. FACULTY OF SPORT AND PHYSICAL EDUCATION TODAY

3.1. SYLLABUSES AND TENDENCIES WITHIN THE FACULTY PROGRAMS

After several years of work on modifications, in 2003 the new syllabuses and curricula of the Faculty of Sport and Physical education were adopted, enabling the acquisition of high educational qualification and professional titles for two clearly separated profiles: field of physical education and field of sport. Besides, at that time the curriculum for sport studies was established in conformity with the Bologna principles.

The studies of the first degree (undergraduate) lasting four years, were defined as:

BASIC ACADEMIC STUDIES:

- program at the Department for physical education and
- program at the Department for sport (with majors, one of them being Recreation),

Then, the studies of the second degree lasting one year

Graduate academic studies

- graduate academic studies – master degree for both programs and
- graduate specialist's studies with specific programs and

finally the studies of the third degree that last three years
Doctor's studies, with particular programs.

The Faculty is home to separate programs: **PROFESSIONAL STUDIES** lasting three years. The accepted majors include: coaches, recreation, sports journalists and sports managers. The Specialists' professional studies are also planned for accreditation.

All programs realized at the Faculty till the emanation of the new Law on High Education, functioned pursuant to the transitional provisions, especially the post-graduate studies, that have been carried out at the Faculty since 1964, and that lasted two years, with the compulsory Master Degree thesis as well as the Doctor's degree thesis. Even this curriculum and the syllabuses are in conformity with the modifications at the Department of Sport, in 2005 was changed and as such accepted at the University Council.

At the Faculty, even the lower educational levels were successfully realized: for coaches in the field of sport and recreation. For some time in the past we were entitled to train personnel of the VII level of professional qualification, which until the Law denied that possibility was useful for the practice. Should the Law on sport give legal grounds for it, new courses for the titles (in accordance with the professions nomenclature) would be organized.

Reform actions, that are carried out at the Faculty, are only a logic sequence of the continuous, a decade long innovations of curriculum and syllabuses. The latest modifications established new subjects, that in accordance with the development

tendencies in the field of physical education, sport and recreation as well as the titles that are acquired by three-year studies (sports journalist and sports manager).

[Picture 3 Today's Faculty](#)

[Pictures 4 and 5 Eastern and Northern side of the Faculty](#)

New curriculum and syllabuses resulted from the effort of the faculty personnel, in accordance with the current reform processes of higher education, keeping its authenticity, that originated from decade long establishment of the institution, given the experience, based on which these institutions were built leaving us as a base for further building.

The latest modifications of curriculum and syllabuses were approached, because of the problems caused by the extensive education of personnel, as well as due to the shortage of experts with high educational profiles in sport. Although the Faculty in several occasions offered complete drafts of curricula and educational programs for various profiles of personnel that were accepted by the University of Belgrade, until these latest modification the Ministry of Education had not approved their realization.

In future, we intend to link even more closely to the requirements of physical education, sport and recreation and to transfer our personal affirmation in these areas to the institutional cooperation, investing in students' education what is of the most qualitative in profession and in science, with the faculty staff and visitors.

The educational system has clearly defined criteria. The Faculty has always respected them, so the process of the latest reform is directed towards providing as qualitative as possible education of the teaching staff for the subject Physical education and all educational programs for children in pre-school, primary schools, students in secondary schools, at faculties. Various specialized programs are planned, individually or in collaboration with other faculties, among them being the education of experts for work with children with special needs (in the processes of inclusion and with special programs).

The curricula and syllabuses of the faculties and colleges, that educate staff in the area of sport and recreation require balance between appropriate theoretical education, practice and pedagogic-coaching practice. Our Faculty insists particularly on the connection between theoretic and practical instruction. In that sense, the Faculty undertakes significant efforts for providing most qualitative premises for practical training. Surely, this can only be achieved by external support. Realization of the current curricula at the Faculty functionally connects qualitative education with the practice requirements, as well as the introduction to the scientific-research work in the respective fields.

[Picture 6 Faculty lobby](#)

CURRICULUM FOR UNDERGRADUATE BASIC FOUR-YEAR STUDIES

Year	DEPARTMENT SPORT	DEPARTMENT P.E.
First year	Antropomotrics Anatomy of locomotor system Sociology of sport History of sport Computer science Theory of sport Elements of children sport 1 Theory and practice of sports branch 1 Optional Course	Antropomotrics Anatomy of locomotor system Sociology of Physical culture History of Physical culture Computer science Foreign language 1 Theory of Physical culture Theory and teaching methods of elementary games Theory and teaching methods of volleyball Program bases of Physical Education
Second year	Biology of Human Development Physiology of physical activity Biomechanics General psychology Pedagogy Foreign language (1 and 2) Sport for all Elements of children sport 2 Theory and practice of sports branches 2 Optional Courses	Biology of Human Development Physiology of physical activity Biomechanics General psychology Developmental Psychology Foreign language 2 Theory and teaching methods of handball Theory and teaching methods of athletics Theory and teaching methods of recreation Theory and teaching methods of apparatus exercises 1
Third year	Physiology and biochemistry of sport Elements of sports medicine Nutrition and stimulants in sport Psychology of sport Pedagogy of sport Organization and administration in sport Theory of sports training Technology of sports training Theory and practice of sports branch 3 Optional Courses	Pedagogic Psychology Theory and teaching methods of Physical Education Theory and teaching methods of swimming and water polo Theory and teaching methods of dances Theory and teaching methods of rhythmic gymnastics Theory and teaching methods of martial arts Theory and teaching methods of basketball Theory and teaching methods of skiing Outdoor Activities
Fourth year	Motor control Information systems in sport Introduction into research Analytics and Diagnostics in Sport Management in Sport School Sport Management in Sport Theory and practice of sports branch 4 Optional Courses Diploma examination	Theory and teaching methods of Physical Education - Pedagogic internship Corrective gymnastics Facilities of Physical education Introduction to research work Health Education and Ecology Theory and teaching methods of Sports training Theory and teaching methods of Skiing Theory and teaching methods of Football Theory and teaching methods of Apparatus Exercises 2 Theory and teaching methods of Rowing Optional courses Diploma examination

Optional courses	History of Physical culture, Theory of Physical Culture, Volleyball, Developmental Psychology, Skating, Handball, Personal fitness, Acrobatics, Group fitness, Table tennis, Pedagogic psychology, Rhythmic gymnastics, Outdoor activities, Skiing, Basketball, Martial Arts, Swimming and Water polo, Exercising with music, Corrective gymnastics, Self-defense, Health education and ecology, Woman and Sport, Archery, Football	Orienteering, Exercises with Music, Group fitness, Recreation of Pupils in nature, Table Tennis, Skating, School Sport and Olympic Education, Archery, Self-defense Pre-school Physical Education, Personal Fitness, Recreational Activities of pupils, Physical Activities of children with special needs
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Picture 7 Great lecture hall of the Faculty

GRADUATE ACADEMIC STUDIES		
	SPORT	PHYSICAL EDUCATION
	Scientific systems in sport Work at research project Projecting of top sports result Final work elaboration	Philosophic principles of Physical Education Methodology Motor researches in Physical Education Pedagogic-psychological principles of researches in Physical Education Biologic elements of researches in Physical Education Motor control Modules of Theory and Teaching methods of Physical Education (Student is obliged to select the field of studies: <ul style="list-style-type: none"> - Theory and teaching methods of pre-school physical education, - Theory and teaching methods of physical education of junior elementary school age; - Theory and teaching methods of physical education of senior elementary school age; - Theory and teaching methods of physical education of high school age; - Theory and teaching methods of physical education of university age; - Theory and teaching methods of special physical education; - Theory and teaching methods of physical education of children and youth with special needs.)

PROGRAMS OF PROFESSIONAL STUDIES		
	Major: sports coach	Major: recreation
First year	Antropomotrics	Antropomotrics
	Anatomy of Locomotor System	Anatomy of Locomotor System
	Foreign language	Foreign language
	Computer science (with elements of Statistics)	Computer science (with elements of Statistics)
	Physiology and Biochemistry of Sport	Physiology of Physical Activity
		Theory of Physical Culture
Second year	Biology of Human Development with Basis of Sports Medicine	Biology of Human Development with Basis of Sports Medicine
	Psychology of Sport	Psychological Elements of Recreation
	Theory of Sports Training	Theory of Sports Training
	Biomechanics	Biomechanics
	Sport Pedagogy	Andragogical bases of Recreation
	Sociology of Sport	Sociologic Bases of Recreation
	Nutrition and Stimulants in Sport	Nutrition of Recreationists
Third year	Analytics and Diagnostics in Sport	Analytics and Diagnostics in recreation
	Elements of Children Sport	Elements of Children Sport
	Organization and Administration in Sport	Organization and Administration in Sport
	School Sport	Recreation Medicine
	Technology of Sports Training	Technology of Sports Training
First, Second and Third year	Theory and Practice of Sports Branch	Theory and Teaching Methods of Recreation
	<i>Optional courses (more than 36 courses)</i>	<i>Optional courses (more than 40 courses)</i>
	Diploma examination	Diploma examination

PROGRAMS OF PROFESSIONAL STUDIES		
	Major: sports journalist	Major: Sports manager
First year	Introduction to journalism	Introduction to Sport Management
	History of Sport	Sport economics
	Foreign language	Foreign language
	Computer science (with elements of Statistics)	Computer science (with elements of Statistics)
	History of Sport Journalism	Theory of Sport
	Sports rules	Law in Sport
		Sport for all
Second year	Communicology	Financial Management
	Theory of Sports Training	Theory of Sports Training
	Sport Journalism in printed media	Management of Facilities in Sport
	Agency Sport Journalism	Psychology of Management
	Introduction to Sport Medicine	Sociology
	Nutrition and Stimulants in Sport	Organization in Sport
	Sports facilities and requisites	Administration in Sport
	Organization of Sports events	
Third year	Sports radio journalism	Communicology
	Sports TV journalism	Introduction to Marketing in Sport
	Psycho-social bases of sport	Marketing of Sports organization and events
	Sport for all (recreation)	Management of Human Resources
	Elements of children sport	Elements of children sport
	School sport	School sport
	Organization and Administration in Sport	Management of Sports Projects
First, Second and Third year	Theory and Practice of Sports Branch	Theory and Teaching Methods of Recreation
	Compulsory optional course (sport)	Compulsory optional course (sport)
	<i>Optional courses (more than 36 courses)</i>	<i>Optional courses (more than 30 courses)</i>
	Diploma examination	Diploma examination

Program for One year SPECIALIST'S ACADEMIC STUDIES

Core field SPECIAL PHYSICAL EDUCATION	Core field ANTROPOMOTORICS	Core field THEORY OF PROFESSION
<ul style="list-style-type: none"> - Special Physical Education Condition - Analytics and diagnostics in training - Specialist's work and tutorial <p>Optional courses</p> <ul style="list-style-type: none"> - Antropomotrics - Technology of Sports Training - Biomechanics of Sport - Psychology of Sport - Physiology and Biochemistry of Sport - Informational Systems in Sport 	<ul style="list-style-type: none"> - Theory of antropomotrics - Teaching methods of antropomotrics - Elaboration of specialists' thesis tutorial <p>Optional block courses</p> <p>Theory of profession and application</p> <ul style="list-style-type: none"> - Antropomotrics in function of training - Antropomotrics in function of P.E. instruction - Antropomotrics in function of recreation - Antropomotrics in function of Special P.E. and adaptive exercising - Antropomotrics in function of Rehabilitation - Antropomotrics in function of Art and Culture - Equipment, apparatus and accessories in antropomotrics 	<ul style="list-style-type: none"> - Theory and Methodology - Elaboration of thesis <p>Theory of profession</p> <ul style="list-style-type: none"> - Anthropology - Ontology of profession - Axiology of profession - Gnoseology of profession - Esthetics and ethics of profession - Philosophy of profession

3.2. METHODIC-RESEARCH LABORATORY “MIL”

Basic data

Methodic-research laboratory was founded on November 16th, 1990 by the Decision of the Faculty (Act 02 no. 5563-1) made upon accepting the project “Organization and realization of the Methodic-research laboratory of the Faculty for Physical culture”. The project was approved as one of the essential program orientation in the Faculty development.

The purpose of the Methodic-research laboratory was unification of the existing material goods and better organization of professional and scientific staff, as the essential prerequisites for research in physical culture (physical education, sport and recreation). Thus, material base was established providing technical-technological conditions for multidisciplinary and complex approach in the researches of fundamental, developmental and applied character in the field of physical culture.

Together with the orientation towards research work, Methodic-research laboratory has its function in realization of various instruction programs for students at professional, academic, specialist’s and doctor’s degree studies.

The project predicted that the researches within the Methodic-research laboratory should be realized by the professional and scientific staff of the Faculty, assisted also by the visiting staff, engaged in physical culture as well as those from complementary fields.

Organization and realization of the Project of Methodic-research laboratory predicted the conditions for further development of the laboratory, fulfilled the presumptions for continuity in researches. The project also created the preconditions for gathering and selection of research staff from students and generally, the favorable surroundings for research approach in problem solving in physical culture.

Position and tasks of the laboratory are created by the Faculty statute, and the way and working conditions are regulated by special Regulations – Regulations on work of the Methodic-research laboratory.

Equipment

Methodic-research laboratory is situated in the premises of about 460m² and organized as a group or relatively independent and mutually compatible functional units. The equipment in the Methodic-research laboratory is predominantly obtained thanks to donations and resources of the Ministry, through scientific-research projects.

In accordance with the basic contents of its work, it comprises the following units: IT, motor, medical-biological and psychology unit.

IT unit is equipped with computers and additional accessories: scanners, printers. The computers have programs for text processing, as well as for mathematic-statistic and

graphic data elaboration. The computers are externally linked by modem, on line, connected in the academic network dif.bg.ac.yu.

Picture 8 Computer center

Motor unit is equipped with modern and computerized equipment for measuring of basic muscle functions, with computerized system for cinematic movement analysis *Qualysis*TM, that enables two and three-dimensional analysis of movement.

Additionally, Methodic-research laboratory is equipped with computerized and modified system of measuring of the modality of strength expression “*Spremo&Barac*”, computerized system of photocells for single and repeated movements, computerized *Ergo-jump system (Bosco system)* for strength evaluation and program for indirect assessment of the structure of muscle fibers, computerized ergo-jump system for strength assessment and elementary forms of speed demonstration, anaerobic and aerobic endurance and agility. The Lab also possesses the classical instruments for assessment of flexibility.

Pictures 9 and 10 Motor unit

Medical-biological unit is equipped for monitoring of growth and development, health condition, functional and working abilities – applying methods of somatoscopy, somatometry, electrocardiography, telemetry, ergonomy, lactate, blood, urine analyses etc. The evaluation of work capability is done by various test-protocols by using the apparatuses for direct oxygen consumption – *TIM 100* as well as of apparatuses for lactate analysis *Analox LM 4*. *Body impedance* is used for assessment of fats in the body.

Pictures 11 and 12 Medical-biological unit

Psychological unit is equipped with computerized system for assessment and evaluation of reaction and attention (*polyreactimeter* – measuring of simple and complex reaction).

All units of the Methodic-research laboratory are **interconnected and equipped** with computers. The equipment enables formation of data bases, data acquisition and fast elaboration in function of health status assessment, morpho-functional and psychological features, as well as motor abilities of students and athletes of different age, who train various disciplines.

A separate unit, equipped with configuration for automatic data elaboration and program packages for mathematic-statistic and graphic data elaboration and text processing is at disposal for IT lessons and usage of the Internet data bases.

Projects

Until now, the Methodic-research laboratory hosted the realization of the following projects supported by the Ministry of science, technology and development, Ministry of education and sport as well as by the Faculty:

1. **“Physiological and biomechanical principles of human locomotion”**, financed by the Ministry of Science of the Republic of Serbia (1991-1995). The holder of the project: the Faculty of Physical Culture, head of the project: Prof. Slobodan Jarić, PhD. The project was realized in association with the Institute for Medical Researches in Belgrade.
2. **“Influence of strength of agonist and antagonist muscles on mechanical features of fast movement”**, financed by the Federal Ministry of Science, technology and development (1994-1997). The holder of the project: the Faculty of Physical Culture, head of the project: Prof. Slobodan Jarić, PhD. The project was realized in association with the Institute for Medical researches in Belgrade.
3. **“Assessment of muscular function pursuant to the motor tests”**, Head of the project: Prof. Slobodan Jarić, PhD. The project was realized in association with the Institute for Medical researches and Faculty of Medicine.
4. **“Development of apparatus for diagnosis of visual motor coordination”**. Head of the project: Ksenija Ribarić-Jankes, PhD. The project was realized in association with the Center for Multidisciplinary Researches, Faculty of Electrical Engineering and Faculty of Medicine.
5. **“Evaluation of the method for assessment of muscular role and neural factors and their adaptive modifications in human locomotion”**, Head of the project: Prof. Slobodan Jarić, PhD. The project was realized in association with the Institute for Medical Researches in Belgrade.
6. **“Morphologic, motor and psychological factors of adoption of technique in rhythmic gymnastics”** Head of the project Prof. Lepa Radisavljević, and the project was financed by the Ministry of education and sport.
7. **“Development of morphological abilities, physical abilities, body status and some psychological features of the elementary school pupils 1st – 8th grade”**, (Belgrade study) Head of the project: Prof. Vladimir Koprivica, PhD.
8. **“Monitoring of health condition, morpho-functional features, motor abilities and psychological features persons talented for sport”** Project of the Methodic- research laboratory of the Faculty. Head of the project: Prof. Dušan Ugarković PhD.

Additionally, research projects of the chairs, subjects as well as staff and assistant projects are realized in the Methodic-research laboratory,

Up to now around 9000 persons from various sports disciplines of different age and gender have been tested (4528 medical records of athletes and 4650 tested candidates for admission to the Faculty).

Systematic monitoring of health, growth and development, functional features and motor abilities of sports-oriented persons and athletes is carried out pursuant the contracts stipulated with Football Clubs Partisan, Red Star, OFK Belgrade, Čukarički, Basketball club Best etc.

Picture 13 Outside of the hall

3.3. JOURNAL “PHYSICAL CULTURE” AND “ALMANAC”

“PHYSICAL CULTURE”

Among numerous scientific and professional sources in physical culture there is our oldest Journal “Physical Culture”. For 60 years, more that half a century of uninterrupted duration and testimony of all that had happened in the profession and science of physical culture, the Journal followed and shared the fate of our oldest educational institution “DIF” (State Institute of Physical Culture) and today’s Faculty of Sport and Physical Education.

Table 1.: Survey of names and publishers of the Journal (1947-2005)

«PHYSICAL CULTUE » - GENESIS OF A MATURATION	
1. 1947/1,	« FISKULTURA » - journal for theory and practice of physical culture (published by the Committee for physical culture of the Government of FNRJ)
2. 1950/1-2 ,	« PHYSICAL CULTURE » - journal for theory and practice (Committee for physical culture of the Government of FNRJ)
3. 1951/1-2 ,	« PHYSICAL CULTURE » - journal for theory and practice (State Institute for Physical Culture)
4. 1954/1-2 , ,	« PHYSICAL CULTURE » - journal for theory and practice (Institute for Physical culture)
5. 1957/1-2 ,	« PHYSICAL CULTURE » - journal for theory and practice (Advanced school for Physical education)
6. 1960/1-2 ,	« PHYSICAL CULTURE » (Yugoslav Association of Physical Culture teachers)
7. 1961/1-2 ,	« PHYSICAL CULTURE » (journal of the Federation of Associations of P.E teachers of Yugoslavia)
8. 1967/1-2,	« PHYSICAL CULTURE » journal of the Federation of Associations of Pedagogues of Physical culture of Yugoslavia)
9. 1974/1,	« PHYSICAL CULTURE » (journal of the Community for physical culture of the Socialist Republic of Serbia)
10. 1975/1,	« PHYSICAL CULTURE » (publisher Republic community for Physical culture) ,
11. 1990/91/1-2	« PHYSICAL CULTURE » (publisher Faculty of Physical culture, University of Belgrade)
12. 2000/1-4	« PHYSICAL CULTURE » (publisher Faculty of Sport and Physical Education, University of Belgrade)

The date of birth of our oldest professional (and later scientific) journal is April 27th, 1947, in 27 Deligradska St., at the “Old” DIF. Although its first name was “Fiskultura” (1947-1949), and in the first edition it was stated that the publisher was the Government Committee of the Federative People’s Republic of Yugoslavia (FNRJ), and for a certain period the Association of pedagogues of physical culture and the Republic community for physical culture, the Journal was predominantly edited by the teachers from the “State Institute for Physical Culture” and it was always under the Faculty roof.

Thus, the Journal from its first name »**Fiskultura**«, **journal for theory and practice** (1947-1949) grew into “**Physical Culture**”, **journal for theory and practice**. Since 1961-2006 it has changed its name into »**Physical culture**«. It used to be and still is the leading and scientific magazine in physical culture in our country.

The editors-in-chief were university professors: Branko Polič (1947-1953), Borivoje Jovanović (1954-1956), Miloš Nišavić (1956-1973), Miladin Ilić (1974-1989) and Božo Bokan (1990-2005).

The most summarized sixty-year »life« of the Journal looks like this: five editors, total of 67 editorial members (of which 5 editors-in-chief), 58 volumes, 239 issues, 22.447 pages, about 1500 authors and 4.710 published papers (Table 2).

Table 2: Survey of the Journal in periods over 60 years of continuous publishing

<i>Periods</i>	<i>Issues published</i>	<i>Total pages</i>	<i>Total contributions</i>	<i>Publisher</i>	<i>Editor-in-chief</i>
(1) 1947/50	20	2193	276	Gov. Committee Of FNRJ	Branko Polič
(2) 1951/59	43	4222	699	DIF Belgrade Advanced school of P.E. Belgrade	Branko Polič Bora Jovanović Miloš Nišavić
(3) 1960/73	70	5593	1075	Federation of associations thicers P.E.	Miloš Nišavić
(4) 1974/89	76	6565	1880	Republic self-Management community	Miladin Ilić
(5) 1990/2005	30	3874	780	Faculty of Physical culture Belgrade, Faculty of Sport and P.E. Belgrade	Božo Bokan
Total	236	22447	4710		

Throughout the entire period the Journal was thematically oriented towards the overall field of Physical culture, with certain direction towards school physical education.

“Physical culture” in the first three periods had Yugoslav orientation, and according to the status of the publisher in the first and in the third period it was a federal review, only to reach more national character in the fourth and fifth period, as per its editor-in-chief and per authors of the contributions.

The most significant changes in the editorial form of the Journal occurred in 1974 (the fourth period), when B format was changed into bigger A4 format, the documentation elements were integrated (summary of contributions in Serbian and in English on a separate card), and some other standards were applied (authors' addresses etc.).

New change i.e. Journal printing on B format, occurred in 1994 when the new summary was placed in the heading of the article, the content is given in Serbian, English and Russian language, and some other details were harmonized with the current requests of the Ministry of science and technology (today Ministry of science and environment protection.).

Picture 14 239 volumes for 60 years of publishing of the Journal “Physical culture”

The Journal published original articles and contributions and occasional translations as well. The most prominent changes in sixty years occurred with regard to the category of the articles. In the first, second, third and in the major part of the fourth period the articles were not categorized individually (into scientific and professional). However, in the third period since 1970 the section “Scientific paper” has been established, hosting such papers. The same form continued throughout the fourth period conclusively with 1986. Since 1987 the permanent individual categorization was initiated. At the same time critic review of the articles was introduced and it was carried out by the selected critics who were not members of the editorial staff.

The papers in the Journal are anonymously reviewed by the eminent experts of the related specialization, and the list of critics is published in the last volume of the Journal every year. The papers are categorized in the following groups:

- original scientific papers,
- reviews,
- previous communications,
- reports from the scientific/professional meeting,
- inviting lectures or communications,
- professional papers.

The participation of scientific papers in the year from 1987 to 1996 amounted to 14% to 33.6% of all articles and that tendency, with slight decrease, was kept all the time to 2005, and thus the Journal, beside its professional orientation acquired more and more scientific direction. Finally, since 1995 the Ministry of science and technology of Serbia has been co-financing printing of “Physical culture” as “the publication of special

interest for science” giving it thus the credit of belonging to the category of scientific journals.

The Journal is referred to three foreign INDOC centers in their referral bulletins:

- “Sportdokumentation” from Colonia (Germany),
- “Sport and Recreation Index” from Ottawa (Canada) and
- “Sports Documentation Monthly Bulletin” from Birmingham (Great Britain).

The Journal was included in the “International Review of the Foreign Journals of Physical Culture”, that was published by the Commission for Information Sources of the International Association for Sport IT. Some Journals from the former and present state used to and still do publish articles from our Journal.

The Journal makes exchanges with some twenty leading journals in the world. It is regularly distributed to the greatest libraries (National, University) as well as to the Faculties of Physical Culture in Serbia.

The Scientific-Teaching council of the Faculty of Sport and P.E. in 2006, concluded that the journal should develop into a Journal of international significance i.e. become “publication of special interest for world science in the field of physical culture.” That means that soon an international editorial staff of the Journal will be gathered (consisting of domestic and international competent experts), establishment of the international anonymous reviewers of the articles, bilingual presentation of the items (in Serbian and in English) and the entire series of prerequisites in accordance with the world publishing standards.

“ALMANAC”

In addition to “Physical culture” there was also a need to start one more publication that would be annual (professional) faculty publication.

Such an idea was realized in 1961 by start-up of a professional almanac named “Annals” that used to be published until 1977 and had a total of 8 books, in which the items of teachers and associates of the Faculty were published. After the eighth book and after a 13-year long break (until 1990) it can be considered that the Annals stopped its regular printing, but they have certainly been the forerunner of a new annual faculty publication that appeared in 1990.

The idea for foundation of a new publication was initiated by the professors Milivoje Matić, Božo Bokan and Miloš Kukulj. The Scientific-Teaching College of the Faculty on October 10th 1989 put in charge the aforesaid professors to elaborate a preliminary design of the project and to submit to the faculty college a plan of future “Collection of papers of teachers and associates.”

The choice of the project presenters for the future publication, was that it should be another thematic professional publication and not the only professional, that will publish the contributions of teachers and associates. They agreed that it will not only be the collection but a selection of teachers’ and associates’ papers.

Proposing the title Almanac for the new publication, the authors proposed and the Council adopted the basic elements for future faculty publication:

- “Almanac is permanent, periodical (generally annual) and autonomous (with a possibility of occasional association) faculty publication;
- Whose basic professional reason would be presentation of (selected) communications of teachers and associates of the Faculty prepared on one determined topic from the professional field of physical culture and presented at one of the faculty professional meetings (generally: within the professional part of the program to mark the faculty anniversary);
- That will also publish selected and accepted projects and previous communications of the published researches of the teachers and associates on professional issues outside the thematic framework from the previous paragraph;
- That will keep following and publishing three professional surveys: a) titles of the published papers of teachers and associates in the previous one year period; b) master theses titles; c) titles of PhD theses defended at the Faculty in the same time interval.”

The first issue of the new publication was released in 1990. Until today, 12 separate books were printed (volumes, numbers) and each of them, besides regular chronicles of the faculty events and titles of the published papers of the faculty teachers and associates, master and doctoral theses in one-year period, published the selected (reviewed) papers of the participants of the scientific meetings on the occasion of the faculty anniversary.

For all those who would like to search for works in the aforementioned 12 publications it should be noted that the scientific meetings on occasion of the Faculty anniversary were topic based with the following titles (in order of publication):

1. Physical education and gymnastics – homage to Milica Šepa
2. Creative work in sport
3. Phenomenon of sports game
4. Recreation – modern need and care for people
5. Changes in Physical Culture – changes in professional personnel education
6. Word on professional words
7. Ways of sports development
8. Exercising and training
9. Scientific and professional periodicals and other IT sources in physical culture
10. Physical activity – theory and practice (01 – competition)
11. Physical activity – theory and practice (02 – youth sports)
12. Interdisciplinary aspects of physical activity

Collective results are presented in the table 3 and show that since 1990, a total of 12 separate books (volumes, issues) on 2930 pages of B5 format was published with the total number of 528 authors (prevalently domestic, and in the recent years foreigners as well), who produced 346 works and 159 other professional contributions. Professors: Milivoje Matić (3 issues), Drago Tomić (3 issues), Božo Bokan (2 issues), Zorica Petrović (2 issues), Jovan Petrović (1 issue) and Živojin Živanović (1 issue) gave significant contribution in editing of these 12 books.

Based on the aforementioned indices, the Almanac, as a professional-informative official paper of the Faculty, justified its existence and together with the “Physical

Culture” confirmed the necessity of existence of such specialized journals, beneficial for all those who are to reveal the secrets of physical culture.

Table 3: Collective indices of 12 issues of “Almanac”

« <i>Almanac</i> » <i>No./year</i>	<i>I n d i c e s</i>				Editor-in-chief of the issue
	No. pages	No. authors	No.of Authors’ Items	No. of remaining items	
1/1990	96	20	16	12	Prof. Milivoje Matić, Ph.D.
2/1991	214	37	26	12	Prof. Milivoje Matić, Ph.D.
3/1992	207	37	32	8	Prof. Drago Tomić, Ph.D.
4/1992	250	73	41	18	Prof. Živojin Živanović, Ph.D.
5/1993	192	54	38	12	Prof. Jovan Petrović, Ph.D.
6/1994	180	29	22	5	Prof. Drago Tomić, Ph.D.
7/1995	198	22	14	31	Prof. Milivoje Matić, Ph.D.
8/1996	389	82	54	21	Prof. Drago Tomić, Ph.D.
9/1997	344	43	30	25	Prof. Božo Bokan, Ph.D.
10/2001	243	43	23	4	Prof. Božo Bokan, Ph.D.
11/2002	352	47	25	5	Prof. Zorica Petrović, Ph.D.
12/2004	265	41	25	6	Prof. Zorica Petrović, Ph.D.
Overall	2930	528	346	159	

Picture 15 “Almanac”

3.4. LIBRARY AND BOOKSHOP

LIBRARY

»Libraries and museums are mirrors of culture and of the level of civilization of one nation”

Library of the Faculty of Sport and Physical education started working in 1946 at the State Institute for Physical Culture (DIF) with a modest book stock of about 1000 library items. Together with the transformation of “DIF” into the Advanced school for

physical culture, and later into a Faculty, the library also developed and grew in quantity and quality.

Today it is a significant instructional-scientific unit of the Faculty with rich deposit of over 23000 library items. It is a true treasury of knowledge, science and experience. Our library ranks as the oldest sports library, both in former and in present state Union. The library possesses precious publications, not only from the field of sport and P.E. but from complementary fields (exp. medicine, psychology, sociology, pedagogy, philosophy, art etc.)

Our library stock includes many precious rarities not only of the Belgrade University but also in the country, such as for example “OLYMPIA” Von Adolf Boetticher, published in Berlin in 1883, the oldest Sokol publication among which we underline “SOKOL OF DUSAN THE GREAT” from 1925, ‘SOKOL” Journal of the Banat Sokol “Sokol of the ADRIATIC” from 1926 “Sokol” from 1919 “Sokol education from 1931 etc. The library possesses a famous “HISTORY OF VARIOUS SLAV PEOPLES” written in original Slav-Serbian language, published in Budim in 1823.

Our library is an integral part of the Faculty, intended primarily to meet the needs of students, teachers, assistants and employees of the Faculty, but its publications also serve all those who are interested in the field of sport and physical education.

This library is included in the network of interlibrary cooperation and loans, both in the country and abroad. The publications are acquired by purchase, loans, exchange, and gifts. Especially important is the exchange of publications and journals. By exchanging our journal “Physical culture” we used to receive more than 100 journal titles. Nowadays it is far less – some ten publications. Collaboration with the Library of Congress in Washington has always been very fruitful.

The Library has well placed and arranged catalogues: by name-author, subject, catalogue of diploma papers, and catalogue of the Faculty publications, Master and Ph.D. theses; professional catalogue done in UDK system is particularly important and elaborated.

At the end of 2004 the Library introduced the electronic catalogue COBISS, so the most recent books can only be researched by e-catalogue. COBISS (Cooperative Online Bibliographic Information System) is an organizational model of linking of libraries into a bibliographic information system with mutual cataloguing, mutual bibliographic-catalogue data base, with numerous functions of Virtual library. The aim of VBS project is linking of Serbian libraries into a unique information system, which would enable library users to approach the information and documents in electronic form in an organized and rational way, notwithstanding whether they originate from the system itself or they are used to access to some special information, at any computer on the Internet. The library is on the site of the Faculty with the most important links for searching in COBISS.

[Picture 16 Library](#)

BOOKSHOP

The bookshop is a very important service within the Faculty. It started as the place where teacher's notes used to be mimeographed and sold. Today it is a real bookshop, a place where students can buy books, faculty publications, as well as publications of other authors, basically whatever that is newly published in the field of Sport and Physical culture. There students can buy applications, forms, everything that is necessary to enroll to a new semester; it is also possible to photocopy materials. Simply the bookshop is a valuable service for students who can "carry out" many important affairs related to their studies there.

[Picture 17 Bookshop](#)

3.5. FACULTY FACILITIES

Administrative Faculty building, built intentionally (1962-1968), mostly satisfies the needs of theoretic instruction both for lectures and the so called theoretical exercises.

Two big lecture halls with 120 seats are equipped with the corresponding audio-visual means (overhead projector, TV, video-beam), the same as the two smaller lecture halls with 100 seats. There are also two classrooms that can host 36 students each, a specialized IT classroom with 22 computers and a special classroom for the group of medical subjects within the Methodic-research laboratory.

Often, for smaller groups of students (up to 25) the main auditorium is used (as well as for Diploma examinations), because it is also equipped with modern audio-visual means. For diploma examinations, we also use the premises of the Dean's office, but since it is equipped for working meetings as well, it can also be used for lectures. Finally, the reading room that can be used by 30 students at the same time, can also be included into teaching premises.

The Faculty area houses an open football grass pitch, athletics track and fields, as well as spaces that can be used as handball, volleyball and basketball courts. There are also four open tennis courts with drossy ground, two of which are covered in winter by balloon frame coverage.

The immediate closeness of Košutnjak woods provides more free areas that are used for the requirements of practical training (running tracks, exercise lawns).

[Pictures 18-23 Details from practical lessons](#)

Practical lessons of the subject Theory and teaching methods of camping and Theory and teaching methods of skiing are performed outdoors: skiing usually at the Mountain of Kopaonik and camping is done either at the seaside or in once permanent camping site of the Faculty: Djanići at the lake of Perućac.

[Picture 24 Details from camping](#)

[Picture 25 And 26 Details from skiing \(students and teachers\)](#)

3.6. MUSEUM OF PHYSICAL CULTURE OF SERBIA FACULTY OF SPORT AND PHYSICAL EDUCATION IN BELGRADE

THE MUSEUM OF PHYSICAL CULTURE OF SERBIA OF THE FACULTY OF PHYSICAL EDUCATION was opened in 1979 in the premises of the Faculty of Physical Education in Belgrade, 156 Blagoja Parovića street, and today functions as an integral unit of the Faculty, including in its work all professors, associates and students.

Since the very beginning of the Museum work, professors and associates of the Faculty have offered invaluable professional help and directly cooperate in realization of its program. During these 27 years historic material has been intensively collected, systematized and then deposited according to the thematic contents. Additionally, cooperation was established with athletes, sports workers, clubs and associations, in order to take over the archive materials that so far were often destroyed by negligence.

The museum of physical culture of Serbia originates from museum collection, that was founded by the professor of History of physical culture Borivoje Bora Jovanović, at the State Institute for physical culture in 1948. His work was continued in 1964 by Jovan – Vanja Petrović, assistant and teacher of this subject.

Since the very beginning the Museum collection (1948) encountered numerous problems, first of all being the lack of appropriate space, that could offer conditions for storage, preserving and exhibition of the collected materials i.e. by opening of the Museum of Physical Culture.

After the establishment of the Republic community of physical culture of Serbia in 1973 the financial problems were solved, and when the Faculty of physical culture at Košutnjak, offered its premises, the problem of space of the Museum of Physical culture, was permanently solved.

The Museum of Physical Culture was opened on December 12th, 1979 in the reconstructed premises of the Faculty of Physical Education in Belgrade, 156 Blagoja Parovića Street, when it got the official name **MUSEUM OF PHYSICAL CULTURE OF SERBIA OF THE FACULTY OF PHYSICAL EDUCATION**. At the opening celebration, among many people, there were also the delegates of the Republic community of physical culture. The celebration was opened by Dragoslav Jovanović, president of the Assembly of the Republic community of physical culture.

On this occasion, the guests and present persons visited the first museum exhibition that was prepared by the professors and associates of the Faculty: Nikola Kurelić, Ph.D, Stefan Ilić, PhD, prof Janko Leskošek and curator Jovan Vanja Petrović, financially supported by the Republic community of Physical culture of Serbia, Commission for history, archives and museum of physical culture of Serbia and Faculty of Physical Education.

[Picture 27 Sokol uniform \(detail from the Museum\)](#)

The exhibition had five separate divisions:

- The first division: “Beginnings of physical exercising in Serbia and Sokol organization

- The second and third division: "Olympic Games from Athens to Montreal (1896-1976)"
- The fourth and the fifth division: "Sports games, competitions and actions, Sports associations and legacies of famous athletes."

Several years later, thanks to Prof Dragan Petrović, Ph.D. dean at that time, the Museum got another two rooms in which new divisions were opened:

- "Legacies of athletes, sports officials, coaches, faculty professors etc.
- Library and archives
- Storage for exhibits

[Picture 28 Olympic movement in Serbia \(detail from the Museum\)](#)

[Picture 29 Legacy division \(detail from the Museum\)](#)

Even in the forthcoming period Prof Dragan Petrović Ph.D. showed exceptional understanding for the activities of the Museum so as the means were scarce, together with Prof. Angelina Petrović in 1997, he financed the publishing of a Museum Catalogue that presented the institution to the public.

In newly created conditions Museum could display, in different thematic exhibitions, the achievements of physical culture, from the earliest days till today, in the premises of Museum and the Faculty but also in other places all around Serbia, on occasions of various jubilee of events from the past of physical culture or important sports events.

The museum today collaborates directly with the Museum of Vojvodina, Museum or Red Star as well as with other sports clubs and associations. The curator of the museum Jovan Vanja Petrović presented the Museum activities at many international meetings, as well as at the meetings of directors of Sports and Olympic museums in Lausanne (four times).

Additionally, the exhibitions were organized in many Serbian towns, thematically connected to the sports jubilees: basketball, volleyball, football, athletics, swimming, water polo, gymnastics, cycling, equestrians as well as of "Sokol" organization, exhibiting numerous documents, posters, plaques, medals, accompanied with the corresponding articles from history of those sports.

The most significant Museum exhibition was organized in 1990 in Sava Centar entitled: "Yugoslav Athletes at the Olympic Games between 1896 and 1992", to mark the 80th anniversary of activities in the Olympic movement. The Exhibition was organized in honour of the meeting of the Association of Olympic sports and it was attended by the President of the International Olympic Committee (IOC) Juan Antonio Samaranch and the president of the International Olympic Academy (IOA) Nikkos Filaretos.

Today all the exhibits and the entire historic material are available to the entire professional and broad public for the purpose of:

- Elaboration of various professional and scientific papers of professors, historians, journalists and other persons interested for segments of physical culture;
- Elaboration of diploma, master and doctor's degree theses
- Various TV programs from the field of physical culture;
- Visits of the pupils of Belgrade schools and from other places as well as of different delegations.

The Museum achieved significant results in the entire period primarily thanks to the cooperation of its curators (Jovan Vanja Petrović and Marija Stojić), teachers of the subject History of Physical culture (Prof. Stefan Ilić PhD and Prof. Sladjana Mijatović, Ph.D) as well as of other teachers of the Faculty of Sport and Physical Education from Belgrade.

Throughout this period Museum obviously made great contribution and significance to physical culture in collecting, systematization, protection and presentation of historic material. Putting at disposal all of the funds of the Museum to numerous researches and scientific workers is immeasurable and invaluable contribution to the development of scientific thoughts in the field of history of physical culture, i.e. clarification of numerous events, beginnings and development of particular segments of physical culture of Serbia.

3.7. COMPUTER CENTER AND IT CLASSROOM

History

Development of the computer network of the Faculty started in the mid 90s. After obtaining the first computers and the first attempt to connect them into a united system, a shorter period followed in which the management of the Faculty at that time did not support the development of modern IT technologies, as indispensable tools in modern scientific directions of researches in sport and physical education. Thus, at the beginning of 2001, the existing computer network of the Faculty was practically unusable and it covered a part of the Methodic research lab and Computer center.

Faculty of Sport and Physical Education disposed at the time only with three computers that functioned, two of which had access to the Internet i.e. academic network. The remaining 15 computers were out of order.

The connection to the world at that time was done via two modems of 33.600 Kb/s which at the time was too slow for any serious work.

Due to nonexistence of server room, the central server with the accompanying equipment was settled on a table in the Methodic-Research laboratory, in the improvised conditions.

Newly appointed management of the Faculty realized the significance of the modern IT in the development of teaching, scientific and professional activities at the Faculty. So the Dean's office engaged an expert with a task to, firstly, service the existing computer equipment, and then, by purchasing new ones, to develop the

Faculty computer network, that would interconnect the work of Methodic-Research lab, Computer center, Students' service, Library and the Finance department.

Therefore, the same 2001, new 10 computers were obtained, which created conditions for more successful work of the IT center and other services of the Faculty.

Next, a very important period in the development of the Faculty computer network followed in 2003, when a project of local computer network started – Computer classroom “DIFNET” and soon afterwards, the beginning of works on its installation. Another 20 computers were bought for that purpose.

Eventually, in the mid 2004, a unique network was established, including Dean's office, Finance department and library so that the local computer network covered the right wing of the building ground floor.

The top is uniting of the existing local networks in one whole and arrangement of the central server room that enables their unimpeded functioning. The Faculty also provides new equipment creating thus conditions for increasing the speed of access to the academic network and the internet at 1Gb/s.

Picture 30 IT classroom

TODAY

- Faculty possesses around 60 computers today
- Local computer network reached the capacity of 200 connections with the possibility of further enlargement
- IT center offers possibility to teachers and associates to work undisturbed using all Internet services. “File server” is placed at the local network for keeping the users' data.
- Teachers and associates have the possibility to access all the services of local computer network and the internet from home
- IT classroom, besides the needs of lectures, is at disposal to the students for usage of the Internet and other network conveniences. A special server for teaching purposes has been installed.
- Finance department was equipped with new computers, and the computer network of the service is a separate segment, for security reasons. The server for the purpose of the department has been installed.
- Server room was equipped with all the necessary instruments for unimpeded work of the server and the accompanying network equipment such as: air conditioners, system of continuous supply, which automatically cuts off the servers one hour after the power cut.
- An additional link of 512 kb/s was placed for the access to the Internet.
- New site of the Faculty of Sport and Physical Education with all the accompanying contents.
- The license has been obtained for issuing of the certificates on acquired computer skills recognized in great number of countries (ECDL – European computer driving license). The students will have the opportunity to acquire it within the examination of the Computer science subject.

FUTURE

- Placing of the local computer network in all rooms, purchase of sufficient number of computers.
- Change of telephone installations by new and integration in the system of local computer network - intranet.
- Increase of the internet link to 2 Mb/s by introducing optics on the academic net, in order to realize services such as: distance learning, video conferencing via Internet etc.
- Equipping of the lecture halls with cameras, audio equipment, LCD projectors, in order to enable video conferences and promote teaching quality
- Change of the analogue telephone exchange with a digital one, offering thus new services (ISDN, GSM Gateway, Voice over IP) and enabling cheaper telephone calls via Internet, calls towards GSM mobile phones at much lower prices, possibility of getting to the extensions even after the working hours of the Faculty, without the need for operator on duty.
- Modernization of the Finance department by introducing e-banking.
- Offering the students the possibility to pay for their exams via Internet
- Modernization of the Students' service by introducing new software i.e. data bases, that would enable easier services for the staff and the possibility for students to electronically apply for their exams.

3.8. STUDENTS' SERVICE

Since the foundation of the Faculty the Student's service has been working, enabling the students to realize their rights to graduate and postgraduate studies. It also assists the Masters who fulfilled the prerequisites for elaboration of the Doctor's thesis.

The first information, as well as the first encounter of the students of a new generation is provided by the Students' service.

From the submitting of the documents for entrance examination till enrolling in the first year of studies, confirmation of the semester, enrolling in each successive year, till graduation, every working day from 10 to 12.30, students can contact the Service asking for various confirmations and certificates on examinations passed, average mark obtained etc.

During the examination periods the staff of this Service handles more than 2000 exam application forms that are distributed to the professors, then returned to the Service with the marks and finally placed in students' files. That way the staff of the Service controls the students' rights to take examinations, conditions for enrolment in the following year of studies and a possible change of status of the studies, as well as the issues related to students' standard (students' dormitory, loans, scholarship etc.).

The Service realizes all the rights and obligations pertaining to students pursuant to the Law on Advanced Education, as well as pursuant to the Statute of the Faculty in obtaining the title of:

- Professor of Physical Education
- Professor of Sport
- Master of Science in Physical Culture
- Ph. D. in Physical Culture.

Since the foundation of the Faculty till the end of the academic 2004/2005, 10 583 students were enrolled, 4.533 diplomas were issued, 315 Master degrees and 156 Doctor's degrees were awarded.

Three clerks and one head of the service are employed here. Without good cooperation of the Service with the Dean's office, professors and other Faculty services this large and responsible work would not be successfully realized.

“Thank you for patience, thank you for assistance” are the words with which the graduate students leave the Faculty, and those whose average mark is eight and over continue the studies for acquiring higher professional qualifications.

3.9. THE LIST OF THE TEACHERS AND ASSOCIATES IN CHAIRS

CHAIR OF THEORY AND TEACHING METHODS OF P.E.

1. Associate Prof. Krasomenko Miletić, Ph.D.
(OUTDOOR ACTIVITIES) – head
2. Full time Prof. Dragoljub Višnjić, Ph.D.
(THEORY AND METHODICS OF PHYSICAL EDUCATION)
3. Assistant Prof. Aleksandar Jovanović, Ph.D. *(ELEMENTARY GAMES)*
4. Associate Snežana Radisavljević, M.S.P.E.
(THEORY AND METHODICS OF PHYSICAL EDUCATION)
5. Associate Ivana Milanović, M.S.P.E.
(THEORY AND METHODICS OF PHYSICAL EDUCATION)

CHAIR OF THEORY AND TEACHING METHODS OF RECREATION

1. Associate Prof. Dušan Mitić, Ph.D. (RECREATION) – head
2. Assistant Prof. Stanimir Stojiljković, Ph.D. (RECREATION)

CHAIR OF THEORY AND TEACHING METHODS OF SPORT

1. Associate Prof. Vladimir Koprivica, Ph.D.
(THEORY OF SPORT TRAINING) – head

CHAIR OF INDIVIDUAL SPORT BRANCHES

1. Full time Prof. Đorđe Stefanović, Ph.D. *(ATHLETICS) – head*
2. Assistant Prof. Irina Juhas, Ph.D. *(ATHLETICS)*
3. Assistant Nenad Jankovic, M.S. *(ATHLETICS)*
4. Full time Prof. Srećko Jovanović, Ph.D. *(MARTIAL ARTS)*

5. Full time Prof. Zoran Ćirković, Ph.D. (*MARTIAL ARTS*)
6. Assistant Prof. Goran Kasum, Ph.D. (*MARTIAL ARTS*)
7. Full time Prof. Jaroslava Radojević, Ph.D. (*SPORT GYMNASTICS*)
8. Associate Prof. Vladan Vukašinović, Ph.D. (*SPORT GYMNASTICS*)
9. Assistant Milinko Dabović, M.S. (*SPORT GYMNASTICS*)
10. Assistant Milijan Grbović, M.S. (*SPORT GYMNASTICS*)
11. Assistant Prof. Branislav Jevtić, Ph.D. (*SWIMMING*)
12. Assistant Zoran Bratuša, M.S. (*WATER POLO*)
13. Associate Prof. Dragan Jocić, Ph.D. (*DANCES*)
14. Assistant Prof. Sanja Mandarić, Ph.D. (*DANCES*)
15. Assistant Prof. Robert Ropret, Ph.D. (*SKIING*)
16. Assistant Prof. Darko Mitrović, Ph.D. (*ROWING*)
17. Full time Prof. Lepa Radisavljević, Ph.D. (*RHYTHMIC GIMNASTICS*)
18. Assistant Lidija Moskovljević, M.S. (*RHYTHMIC GIMNASTICS*)

CHAIR OF COLLECTIVE SPORT BRANCHES

1. Assistant Prof. Branko Gardašević, Ph.D. (*HANDBALL*) – **head**
2. Full time Prof. Veljko Aleksić, Ph.D. (*FOOTBALL*)
3. Assistant Aleksandar Jankovic, M.S. (*FOOTBALL*)
4. Full time Prof. Milivoje Karalejić, Ph.D. (*BASKETBALL*)
5. Associate Prof. Saša Jakovljević, Ph.D. (*BASKETBALL*)
6. Assistant Zoran Valdevit, M.S. (*HANDBALL*)
7. Assistant Dejan Ilić (*HANDBALL*)
8. Assistant Zoran Bratuša, M.S. (*WATER POLO*)

CHAIR OF BIOMEDICAL SCIENCES

1. Full time Prof. Nastas Ilić, Sc.D.Med.. (*PHYSIOLOGY*) – **head**
2. Full time Prof. Zlatimir Nikolić, Sc.D.Med.. (*PHYSIOLOGY*)
3. Full time Prof. Marina Đurakić, Sc.D.Med. (*ANATOMY*)
4. Assistant Aleksandra Popović, M.Sc.Med. (*ANATOMY*)
5. Full time Prof. Dušan Ugarković, Sc.D.Med.
(*BIOLOGY OF HUMAN DEVELOPMENT*)
6. Assistant Prof. Marija Macura, Sc.D.Med.
(*BIOLOGY OF HUMAN DEVELOPMENT*)
7. Assistant Prof. Marina Nikić-Đorđević, Sc.D.Med.
(*HEALTH EDUCATION AND ECOLOGY*)

CHAIR OF SOCIAL SCIENCES

1. Full time Prof. Đorđe Štakić, Ph.D. (*SOCIOLOGY*) – **head**
2. Associate Prof. Mladen Galić, Ph.D. (*PEDAGOGY*)
3. Associate Prof. Dušanka Lazarević, Ph.D. (*PSYCHOLOGY*)
4. Associate Prof. Slađana Mijatović, Ph.D.
(*HISTORY OF PHYSICAL EDUCATION*)

CHAIR OF GENERAL PROFESSIONAL AND EDUCATIONAL FIELDS

1. Assistant Prof. Dragan Mirkov, Ph.D. (*COMPUTER SCIENCE*) – **head**
2. Full time Prof. Božo Bokan, Ph.D. (*THEORY OF FISICAL CULTURE*)
3. Full time Prof. Miloš Kukulj, Ph.D (*ANTROPOMOTORICS*)
4. Full time Prof. Zorica Petrović, Ph.D
(*FACILITIES OF PHYSICAL EDUCATION*)
5. Associate Prof. Duško Ilić, Ph.D. (*BIOMECHANICS*)
6. Assistant Vladimir Mrdaković (*BIOMECHANICS*)
7. Assistant Zoran Pajić, M.S. (*ANTROPOMOTORICS*)
8. Assistant Aleksandar Nedeljković, M.S. (*ANTROPOMOTORICS*)
9. Assistant Dejan Suzović, M.S. (*ANTROPOMOTORICS*)
10. Lecturer Gordana Vekarić (*ENGLISH LANGUAGE*)

3.10. DEAN'S OFFICE AND NON TEACHING STAFF

Dean's office

Dean of the Faculty: Full time Prof. Srećko Jovanović

Vice-Deans

- Assistant Prof. Sanja Mandarić, Ph.D.
- Assistant Prof. Irina Juhas, Ph.D.
- Assistant Prof. Darko Mitrović, Ph.D.

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2. Obradović Irena – Typist
3. Matić Biljana – HR and archives clerk
4. Sindelić Dragana – senior laboratory technician
5. Bogosavljević Sida –Head of the Library
6. Perin Slađana – independent librarian
7. Radulović Radmila – Head of the Students' service
8. Popović Mirjana – Clerk of the Students' service
9. Spasojević Zorica - Clerk of the Students' service

10. Zeković Gordana - Clerk of the Students' service
11. Potočan Radovan – Head of sports facilities
12. Slavić Verica – Head of the Department for financial and material issues
13. Malić Snežana - bookkeeper
14. Šmigić Mileva - accountant
15. Isailović Sonja - cashiere
16. Vulić Srđan – qualified worker – locksmith
17. Racić Radojko – warehouse clerk
18. Stefanović Milan – photographer, qualified worker
19. Crnja Ružica – swichboard operator
20. Strinović Olivera – mail-carrier
21. Ćerići Svetlana- charwoman
22. Kostić Slađana - charwoman
23. Krstić Gorica- charwoman
24. Mitrović Svetlana- charwoman
25. Petrović Slađana- charwoman
26. Petrović Suzana- charwoman
27. Popović Mila- charwoman
28. Racić Slavica- charwoman
29. Ristović Svetlana - charwoman
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