



Prof. Doctor of Physical and Mathematical Sciences

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Office hours: Friday from 2 to 3 p.m.

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Google Scholar Profile

Curriculum Vitae

28/09/1973 – 03/01/1976 - Engineer of tashkent electronic equipment plant

06/01/1976 – 04/03/1984 - Engineer of the institute of physics and technology of the academy of sciences of uzbekistan

04/03/1984 – 17/01/1987 - Senior researcher at tashkent institute of irrigation and agricultural mechanization engineers

18/01/1988 – 29/12/1990 - Assistant and associate professor of the tashkent institute of automobiles and roads

02/09/1993 – 28/04/1994 - Dean of the faculty at urgench state university

28/04/1994 – 23/07/2005 - Vice-rector for research and education of urgench state university

23/07/2005 – 22/03/2009 - Director of the urgench branch of the tashkent university of information technologies

22/03/2009 – 10/12/2010 - First vice-rector of the tashkent university of information technologies

15/02/2011 – 31/08/2011 - Chief researcher at scientific and production association "physics-sun" of the academy of sciences of the republic of uzbekistan

02/11/2011 – 06/09/2013 - Head of the department of electromechanics and automation of the tashkent institute of highways

06/09/2013 – 16/09/2016 - Professor of the department of electromechanics and automation of the tashkent institute of highways

16/09/2016 – 31/08/2017 - Professor of the department of physics of the tashkent institute of highways

02/09/2017 – Current - professor of the department of electronics and radio engineering of the tashkent university of information technologies

Award in teaching (Tashkent university of information technology named after Muhammad al Khwarizmi)

See: <https://tuit.uz/en>

Language skills

Mother tongue(s): UZBEK				
Other language(s):				
	UNDERSTANDING		SPEAKING	WRITING
	Listening	Reading	Spoken production Spoken interaction	
ENGLISH	C1	C2	B2 B2	B2
RUSSIAN	C2	C2	C2 C2	C2
Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user				

Books

Photoelectric devices (Фотозэлектрик қурилмалар)

Koshchanov E.O., Yusupov A.
Handbook, Tashkent, 2015. 137 p.

Physical ecology (Физикавий экология)

Koshchanov E.O., Yusupov A.
Handbook, Tashkent, 2006, 132 p.

Environmental problems of energy (Энергетиканинг экологик муаммолари)

Koshchanov E.O., Yusupov A.
Minhoj, 2005, 167 p.

Research focus

Semiconductor physics and technology:

Growth of semiconductor single crystals and films, defects in solids

Electrical and photoelectric properties of semiconductors and semiconductor devices

Heterojunctions

MOSFET and FinFET simulations

Solar cells and thermoelectric cooling.

Academic degrees

1973 - Diploma in electronic engineering, Uzbekistan

1983 - PhD in Physics and Mathematics, Institute of Physics and Technology, Tashkent, Uzbekistan

1993 - Doctor of Physical and Mathematical Sciences, Saint. Petersburg

2000 - Professor's Diploma, Tashkent Uzbekistan,