

# Vazha Shilakadze

## Personal Information

Name Surname: **Vazha Shilakadze**  
Date of Birth: 1946-11-17  
Sex: Male  
Citizenship: Georgian  
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## Education

Academic Degree: Ph.D./Equivalent to Ph.D  
Educational Institution: Polytechnic Institute of Georgia  
Qualification: Machine building technology, metal cutting machines and tools  
Date of grant: 1969-05-01  
Country: Georgia

## Work Experience

Organization: Georgian Technical University (GTU)  
Structural Unit: Department of Mechanical Engineering and Technology  
Position: full professor  
Date of commencement of work: 2021-08-25  
Date of completion of work: 2025-08-25

Organization: Georgian Technical University (GTU)  
Structural Unit: Mechanical Engineering Manufacturing Technology Department  
Position: Assistant Professor  
Date of commencement of work: 2017-06-22  
Date of completion of work: 2021-06-18

Organization: Georgian Technical University (GTU)  
Structural Unit: Mechanical Engineering Manufacturing Technology Department  
Position: Associate Professor  
Date of commencement of work: 2006-10-01  
Date of completion of work: 2017-09-01

Organization: Polytechnic Institute of Georgia

Structural Unit: Mechanical Engineering Manufacturing  
Technology Department  
Position: Docent  
Date of commencement of work: 1987-10-01  
Date of completion of work: 2006-09-01

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Organization: Polytechnic Institute of Georgia  
Structural Unit: Direction of machine building  
Position: senior teacher  
Date of commencement of work: 1983-10-01  
Date of completion of work: 1987-10-01

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Organization: Polytechnic Institute of Georgia  
Structural Unit: Direction of machine building  
Position: Senior scientific worker of the economic  
community  
Date of commencement of work: 1975-10-01  
Date of completion of work: 1983-10-01

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Organization: Polytechnic Institute of Georgia  
Structural Unit: Direction of machine building  
Position: graduate student  
Date of commencement of work: 1972-10-01  
Date of completion of work: 1975-10-01

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Organization: Project Technological Scientific Research Institute  
of Mechanical Engineering and Electrical  
Engineering  
Structural Unit: Direction of machine building  
Position: Junior scientist-worker  
Date of commencement of work: 1969-09-01  
Date of completion of work: 1972-09-01

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## Projects & Grants

Name of the project/grant: Scientific project "Manufacturing pilot samples of  
small wind power plants using basalt fiber,  
installation, testing, determination of operational  
parameters" AR-18-613,  
Position: main performer  
Donor: Rustaveli Scientific Foundation  
Leader Organization: Georgian Technical University (GTU)  
Start | End Date: 2018-09-01 - 2021-09-01

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Name of the project/grant: Scientific project "Research of polymer composite materials reinforced with basalt rods, production of high-pressure cylinders and wind rotors", AR/74/3 - 120/14,  
Position: main performer  
Donor: Rustaveli Scientific Foundation  
Leader Organization: Georgian Technical University (GTU)  
Start | End Date: 2015-09-01 - 2017-09-01

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Name of the project/grant: International scientific project "Improving the mechanism for changing the blade diameter of a variable geometry screw by agreeing with the centrifugal force compensation mechanism and increasing the range of the blade twisting change". G-1600,  
Position: main performer  
Donor: istc  
Leader Organization: Georgian Technical University (GTU)  
Start | End Date: 2008-01-15 - 2010-12-31

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Name of the project/grant: International scientific project "Variable geometry screw with centrifugal compensation forces", G 916,  
Position: main performer  
Donor: istc  
Leader Organization: Georgian Technical University (GTU)  
Start | End Date: 2005-09-01 - 2007-09-01

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## Scientific Productivity

[Google scholar](#)

Cited Index: 2

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## Conference, Symposium, Award

- 2011-10-24 - Innovative technologies and materials, international scientific conference dedicated to the memory of Academician T. Loladze, collection of scientific works, Tbilisi 2011, October 24-27
- 2012-10-19 - Collection of proceedings of the XIX International Scientific and Technical Conference "Mechanical Engineering and Technosphere of the XXI Century", September 17-22, 2012 Donetsk - Sevastopol. Donetsk National Technical University. volume 3. 261 pages
- 2012-10-24 - Abstracts of reports of the IX international scientific and technical conference "advanced technologies of the life cycle of aircraft engines and power plants", September 24-29, 2012, 180 pp. Ukraine, Zaporozhye-Alushta. Zaporizhzhya National Technical
- 2012-03-24 - Proceedings of the 13th International Conference on Tools, ICT 2012. 27-28 march 2012. University of Miskolc, Hungary. Session (G). ISBN 978-963-9988-35-4.

- 2012-10-12 - Collection of proceedings of the VI international scientific and methodological conference “Modern problems of the technosphere and training of engineering personnel” October 11-18, 2012 Tunisia, Djerba island.
- 2012-07-01 - Collection of proceedings of the International Scientific and Technical Conference “Machine-building technologies and automation technology - 2012”. July 09-15, 2012 Yerevan.
- 2017-07-13 - 15th INTERNATIONAL CONFERENCE MODELLING IN MECHANICS 2017, January 19-20, OSTRAVA, ISBN 978-80-248-4010-9, Technical University of Ostrava
- 2022-09-26 - 6th Georgian-Polish International Scientific Conference, TransportBridge Europe-Asia

## Languages

- Georgian
- Russian
- French