



ADDIS ABABA
**SCIENCE AND
TECHNOLOGY**
UNIVERSITY
UNIVERSITY FOR INDUSTRY

Facts and Figures

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About AASTU

Established in 2011, Addis Ababa Science and Technology University (AASTU) has swiftly emerged as Ethiopia's frontier institution for science and technology education, devoted to nurturing innovation, applied research, and propelling industrial development. Offering a comprehensive array of programs, including 13 undergraduate, 43 master's, and 41 PhD programs meticulously tailored to align with the nation's developmental Agenda, AASTU empowers its students to excel as specialists and trailblazers in their respective fields. Embracing a collaborative ethos, AASTU forges partnerships with over 175 international and 127 national entities, enriching its academic fabric and extending its global impact. With an unwavering dedication to excellence and a keen focus on industry relevance, AASTU is steadfastly shaping the trajectory of Ethiopia's scientific and technological landscape, ensuring a brighter, more innovative future for generations to come.

Vision



To be internationally recognized Ethiopian Hub of science and technology with strong national commitment and significant continental impact by 2030.

- Delivering world-class education and training in strategically prioritized science and technology disciplines based on national economic demand,
- Conducting problem-solving applied research to support the productivity and competitiveness of industries
- Serving as a center for knowledge & technological adaptation, innovation & transfer
- Building the technical and managerial capabilities of industries
- Building a national hub of science & technology

Mission



Values

- Professionalism
- Commitment
- Academic freedom
- Collaboration
- Transparency and accountability
- Innovativeness
- Inclusiveness
- Integrity

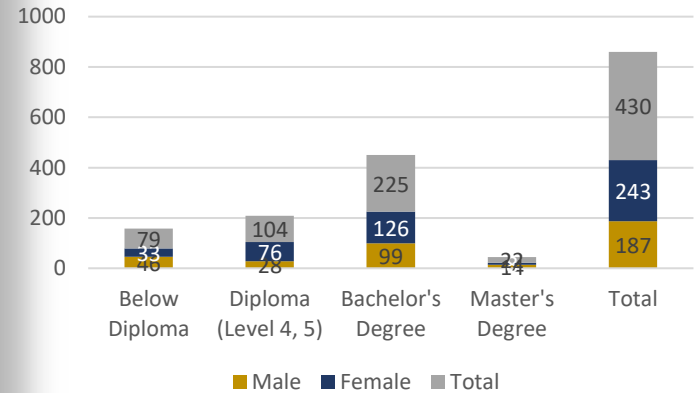
Staff Profile



Administrative Staff by Education Level and Gender

AASTU employs a diverse and skilled workforce dedicated to the academic and professional development of its students.

Administrative staff



- Total administrative staff: 430
- Female staff represent 56.5% of the administrative workforce.

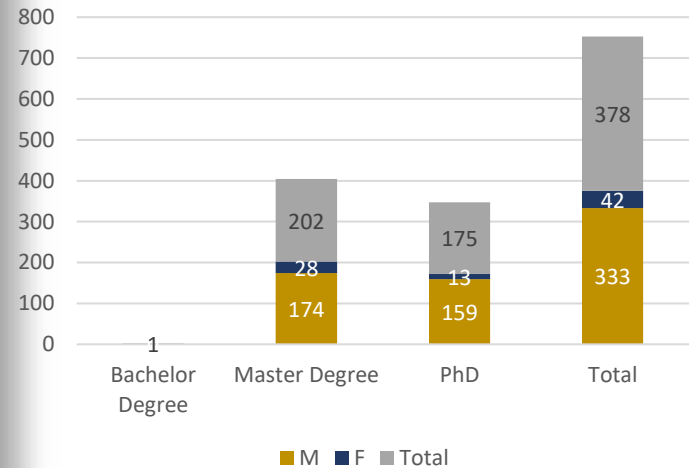
Academic Staff by Education Level (Local and Expatriate)

AASTU has a strong academic team with advanced degrees, both local and expatriate:



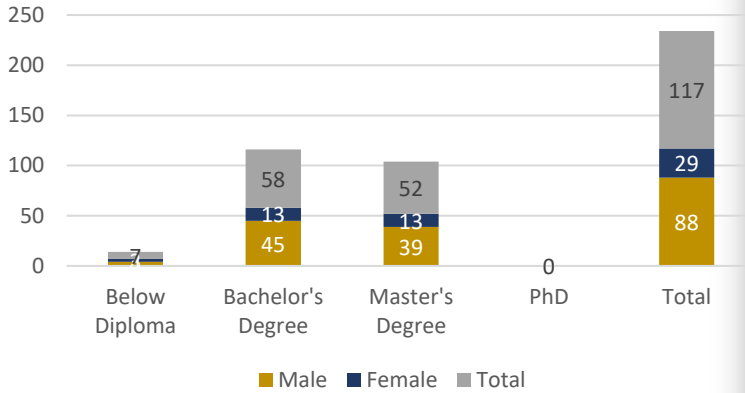
Academic Staff by Educational level

No. Academic Staff



Academic Research Assistants

No. of ARA



Students Enrolment

BSC										
Year	Regular			Extension			BSC Total	Regular		
	M	F	T	M	F	T		M	F	T
1	1248	611	1859	128	26	154	2013	130	30	160
2	865	467	1332	69	6	75	1407	178	76	254
3	781	384	1165	42	5	47	1212	36	6	42
4	941	449	1390	64	6	70	1460			
5	758	291	1049	17	4	21	1070			
6				31	5	36	36			
Total	4593	2202	6795	351	52	403	7198	344	112	456

MSC				PhD						
Extension			MSC Total	Regular		PhD Total	Grand Total			
M	F	T		M	F		M	F	Grand Total	
192	28	220	380	46	7	53	1744	702	2446	
59	12	71	325	21	4	25	1192	565	1757	
113	34	147	189	84	14	98	1056	443	1499	
				52	11	63	1057	466	1523	
							775	295	1070	
							31	5	36	
364	74	438	894	203	36	239	5855	2476	8331	

Foreign Students



Undergraduate

- Male: 6 (Somalia)
- Female: 2 (Sudan, self-sponsor)
- 32 students from South Sudan

Postgraduate

- Male: 1 (PhD), 1 (MA)
- Female: 2 (PhD)
- Student Exchange: 1 Female (6-month research)

Colleges & Departments

AASTU comprises 3 colleges and 13 departments, each focusing on various fields of science and technology. Under three colleges 13 departments are provided.

Applied Sciences college

- Biotechnology
- Food Science and Applied Nutrition
- Geology
- Industrial Chemistry
- Mathematics
- Physics And Statistics

Engineering college

- Architecture
- Civil Engineering
- Mining Engineering
- Electrical Engineering
- Electro-Mechanical Engineering
- Mechanical Engineering
- Software Engineering
- Chemical Engineering
- Environmental Engineering

Social Science and Humanity college Division

- English Language
- Business And Management
- Social Sciences



MSc and PhD Programs

The university offers several MSc and PhD programs designed to equip students with advanced knowledge and skills.

Applied and Natural Science College (MSc)

- Analytical Chemistry and Instrumentation
- Biotechnology (Agricultural Biotechnology)
- Biotechnology (Industrial and Environmental Biotechnology)
- Computational Science
- Food Science and Nutrition
- Geology (Economic Geology)
- Geology (Engineering Geology)
- Geology (Geochemistry)
- Geology (Hydrogeology)
- Geology (Petrology)
- Geology (Sedimentary Geology)
- Geology (Structural Geology and Tectonics)
- Industrial Chemistry

Engineering College (MSc)

- Architecture
- Mining Engineering (Surface Mining)
- Mining Engineering (Mineral Processing)
- Civil Engineering (Structural Engineering)
- Civil Engineering (Road and Transport Engineering)
- Civil Engineering (Construction Technology and Management)
- Civil Engineering (Hydraulic Engineering)
- Civil Engineering (Geotechnical Engineering)
- Civil Engineering (Water Supply and Sanitary Engineering)
- Chemical Engineering (Chemical Process and Product Design)
- Chemical Engineering (Food Process Engineering)

Engineering College (MSc)

- Chemical Engineering (Bio-energy Engineering)
- Chemical Engineering (Smart Materials Engineering)
- Environmental Engineering
- Electrical and Computer Engineering (Communication Engineering)
- Electrical and Computer Engineering (Control and Instrumentation Engineering)
- Electrical and Computer Engineering (Computer Engineering)
- Electrical and Computer Engineering (Power Engineering)
- Electromechanical Engineering (Mechatronics Engineering)
- Mechanical Engineering (Thermal Engineering)
- Mechanical Engineering (Mechanical Design)

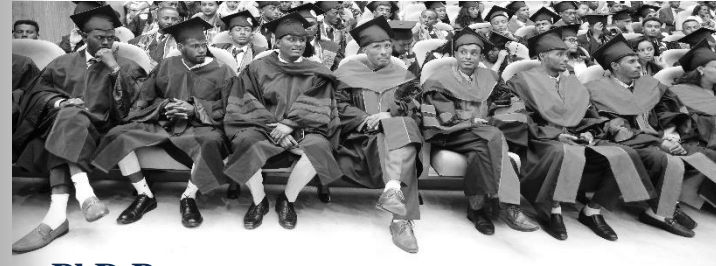
- Mechanical Engineering (Manufacturing Engineering)
- Mechanical Engineering (Automotive Engineering)
- Software Engineering

Social Sciences and Humanity college Division

- Master of Business Administration (Construction Management)
- Master of Business Administration (Industrial Management)

Collaborative

- Space Engineering
- Aeronautical Engineering
- Nuclear science and Engineering



PhD Programs

Applied and Natural Science College (PhD)

- Analytical Chemistry and Instrumentation
- Biotechnology (Agricultural Biotechnology)
- Biotechnology (Industrial and Environmental Biotechnology)
- Computational Science
- Food Science and Nutrition
- Industrial Chemistry
- Geology (Economic Geology)
- Geology (Engineering Geology)
- Geology (Geochemistry)
- Geology (Hydrogeology)
- Geology (Petrology)
- Geology (Sedimentary Geology)
- Geology (Structural Geology and Tectonics)

Engineering College (PhD)

- Architecture
- Mining Engineering (Surface Mining)
- Mining Engineering (Mineral Processing)
- Civil Engineering (Structural Engineering)
- Civil Engineering (Road and Transport Engineering)
- Civil Engineering (Construction Technology and Management)
- Civil Engineering (Hydraulic Engineering)
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- Chemical Engineering (Chemical Process and Product Design)
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- Electrical and Computer Engineering (Communication Engineering)
- Electrical and Computer Engineering (Control and Instrumentation Engineering)
- Electrical and Computer Engineering (Computer Engineering)
- Electrical and Computer Engineering (Power Engineering)
- Electromechanical Engineering (Mechatronics Engineering)
- Mechanical Engineering (Thermal Engineering)
- Mechanical Engineering (Mechanical Design)
- Mechanical Engineering (Manufacturing Engineering)
- Mechanical Engineering (Automotive Engineering)
- Software Engineering

Collaborative

- Aerospace Engineering



Centers of Excellence

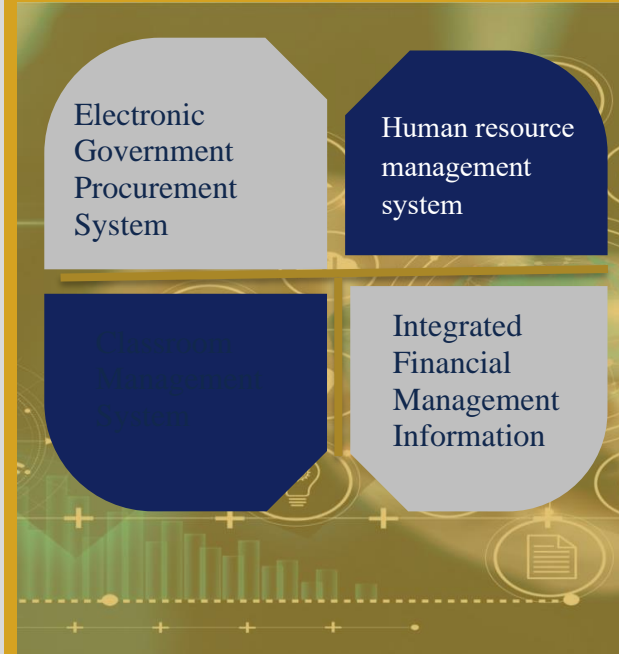
1. Artificial Intelligence and Robotics (ሰው ሰራሽ አስተዋሎት እና ሮቦቲክስ ልሀቀት ማዕከል)
2. Biotechnology and Bioprocess (የባዮቴክኖሎጂና ባዮፕሮሰስ ልሀቀት ማዕከል)
3. High-Performance Computing and Big Data Analytics (የከፍተኛ አቅም ስሌት እና ግዙፍ መረጃ ትንተና ልሀቀት ማዕከል)
4. Construction Quality and Technology (ግንባታ ጥራት እና ቴክኖሎጂ ልሀቀት ማዕከል)
5. Nanotechnology (ናኖ ቴክኖሎጂ ልሀቀት ማዕከል)
6. Nuclear Reactor Technology (የኑክሊዩር ማብላያ ቴክኖሎጂ ልሀቀት ማዕከል)
7. Mineral Exploration, Extraction, and Processing (ማዕድን ፍለጋ ማውጣት እና ማቀናበር ልሀቀት ማዕከል)
8. Sustainable Energy (ዘላቂ ሃይል ልሀቀት ማዕከል)

Automated Systems

Addis Ababa Science and Technology University has implemented several cutting-edge automated systems to support various administrative, financial, and academic processes and improved service delivery for customers.

- Human Resource Management System
- Electronic Government Procurement System
- Integrated Financial Management Information System (IFMIS)
- Classroom Management System
- Central Timetabling System

Some Automated Systems



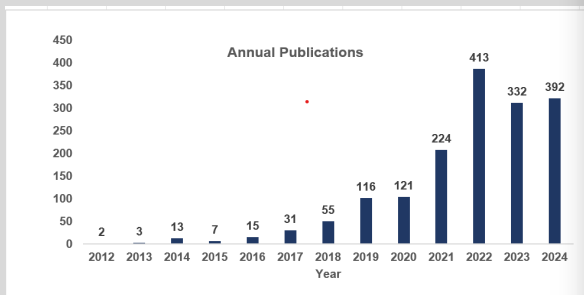


Facilities and Infrastructure

Addis Ababa Science and Technology University (AASTU) is equipped with state-of-the-art facilities and infrastructure to support its academic and research goals. These modern amenities are designed to create a conducive learning environment for students and to facilitate cutting-edge research and innovation.

- Total Campus Area: 250 hectares
- Number of Libraries: 3 (Science Library, Engineering Library, Digital Library)
- Laboratories: Equipped with modern technology for practical learning.
- Smart Classrooms: Providing interactive learning environments.

Publications by Academic Staff



Research and Innovation

- Ongoing Research Projects
 - Internal Grants: 80
 - External Grants: 26
- Number of Patents: 8
- Industry Partnerships for Research: 20

Journals

AASTU publishes two academic journals focusing on various fields of science and technology.



Graduates' Alumni

Category

Details

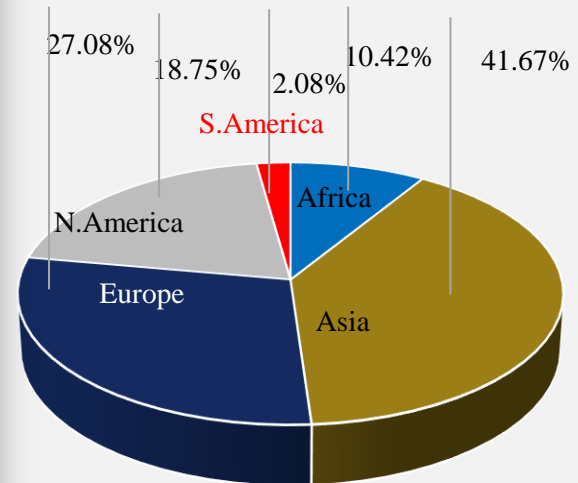
Number of Alumni	
Total Alumni (by Gender)	Male: 10,263 Female: 3,307
Graduates by Program	PhD Graduates: 31 MSc Graduates: 2,188 BSc Graduates: 11,351
Academic Programs	
Undergraduate (UG) Programs	13
Postgraduate (PG) Programs	PhD Programs: 42 MSc Programs: 42
New Programs Launched (2024/25)	Undergraduate Programs: 0 Postgraduate Programs: 2



The partnership network of Addis Ababa Science and Technology University spans across continents, reflecting its commitment to global collaboration in education, research, and innovation. AASTU collaborates with partner institutions across Europe, the Americas, Asia, and Africa, engaging with leading universities, research centers, and organizations worldwide. These partnerships include renowned institutions like Fulda University of Applied Sciences (Germany), Wuhan University of Science and Technology (China), and the University of South Africa (UNISA). Such collaborations enable AASTU to foster academic exchange, develop joint research projects, and enhance capacity building, contributing to its mission of advancing science and technology in Ethiopia and beyond. In addition to its international partnerships, Addis Ababa Science and Technology University (AASTU) also collaborates with nationally recognized industries, universities, and innovation and technology institutions. This comprehensive network further strengthens AASTU's role as a hub of knowledge and innovation.

Collaborations and Partnerships

Distribution of Partner Institutions by Continent



- Asia: 41.67%
- Europe: 27.08%
- North America: 18.75%
- Africa: 10.42%
- South America: 2.08%



AASTU is the first university to implement a robust Quality Management System (QMS), ensuring that all service processes meet the needs and expectations of students, staff, and stakeholders. The ISO 9001:2015 certification is a testament to the university's dedication to excellence in education, research, and community engagement.

Editor's Message

We are delighted to present the 2024/2025 Edition of AASTU Facts and Figures, a concise and accurate snapshot of Addis Ababa Science and Technology University.

This comprehensive document serves as a vital reference and source of information, providing accurate data on our students, staff, colleges, departments, Centers of Excellence, and other key aspects of the university.

Whether for planning, reporting, research, or other professional purposes, this resource is designed to support your needs and enhance your understanding of AASTU's achievements and structure.

We encourage you to explore the data, utilize it for your specific requirements, and take full advantage of the insights it provides.

Thank you for your commitment to advancing AASTU's mission.

Yared Bekalu

Editor-in-Chief

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