

### The St. Joseph University In Tanzania (SJUIT) Presents:

### THE HUB

October, 2025

# Reflections and Horizons: A Look Back and Forward to 2025/26



### **SJUIT Makes Its Mark Internationally**

#### "STEM 4 ALL" Shines on Global Stage with Prestigious WSIS 2025 Award

St. Joseph University In Tanzania (SJUIT) has received the prestigious WSIS 2025 Award for outstanding excellence in digital innovation through its flagship project, STEM 4 ALL. This achievement enhances SJUIT's global reputation in the ICT and innovation arena. Representing the University at the WSIS Prizes Champions Ceremony in Geneva, Switzerland, on 7th July 2025, was Dr. T. X. Ananth, President of the University Council. The event, graced by the presence of Hon. Jerry Silaa, Minister for Communication and Information Technology of Tanzania, brought together global champions, innovators, and ICT leaders.



STEM 4 ALL, a Corporate Social Responsibility (CSR) initiative of SJUIT, was recognized for advancing equitable access to STEM education and inspiring future scientists, engineers, and innovators in Tanzania and beyond. The award reaffirms SJUIT's commitment to digital inclusion, educational excellence, and social impact at both national and global levels.

#### SJUIT Joins the Association of African Universities (AAU)

St. Joseph University In Tanzania (SJUIT) proudly announces its membership in the Association of African Universities (AAU), effective August 2025. Joining the AAU opens new opportunities for collaboration, academic exchange, research partnerships, and capacity building with leading institutions across the continent. This milestone strengthens SJUIT's commitment to advancing quality higher education, fostering innovation, and enhancing its presence in the African and global academic community

#### Vision

To Spearhead Employable Education in Africa and Become part of its history

#### SJUIT Listed in the World Higher Education Database (WHED)

St. Joseph University in Tanzania (SJUIT) has achieved a significant milestone by being officially included in the World Higher Education Database (WHED)—a prestigious global directory of accredited higher education institutions.

Recently updated by the International Association of Universities (IAU), in collaboration with UNESCO, the WHED listing affirms SJUIT's standing in the international academic community. The university's Global WHED ID is IAU-015756, and the listing is accessible via the website.

Maintained as the only official and comprehensive global resource for information on recognized higher education institutions, the WHED is widely used by governments, academic institutions, and international organizations for validation, research, and collaboration purposes.

This recognition highlights SJUIT's commitment to academic excellence, global engagement, and institutional transparency.

#### SJUIT Co-Founds the Consortium of Medical Schools-Africa (COMS-A)

St. Joseph University in Tanzania (SJUIT) is proud to be a founding member of the Consortium of Medical Schools—Africa (COMS-A), a transformative initiative that brings together over 115 medical schools from 34 countries across the continent.

The consortium is united by a shared mission: to collaboratively address the pressing and complex challenges facing medical education in Africa.

Through COMS-A, SJUIT reinforces its leadership in regional collaboration and its commitment to advancing high-quality, sustainable medical education that responds to Africa's unique healthcare needs.

#### St. Joseph University In Tanzania (SJUIT)

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### A Message from the President of the Council



My Dear Friends,

I am delighted to meet you through this newsletter. St. Joseph University is founded by Sisters of DMI with a mission to serve and build the capacity of the Youth. Since its inception in 2004, the mission is implemented by imparting quality education. This is achieved with the close coordination of various stakeholders. As we begin this new academic year, I want to remind the student and staff community about our mission and the immense potential each of you carries in transforming the lives and the future on this nation. Your Dedication, Resilience, Collaboration and **Smart work** will shape the foundation of your future success. Challenges may arise, but they should be embraced as opportunities to develop your Life, Family, Community and the Country. I would like to remind you of the DISCIPLINE. Believe in your discipline at all walks of life. Success will be yours.

God Bless you and your Family. God Bless our University. God Bless Tanzania.

With Warm Regards, Dr. T. X. A. Ananth, President of SJUIT Council.

#### A Message from the Vice-Chancellor



Dear Students,

Welcome to the 2025/26 academic year at SJUIT! Whether you are joining us for the first time or returning to continue your studies, we are delighted to have you as part of our vibrant community. This new academic year presents fresh opportunities for learning, growth, and meaningful connections both inside and outside the classroom. I encourage you to make the best use of the resources and facilities available at our Mbezi and Boko Campuses, and to actively engage with your peers and staff. Remember that seeking guidance and support when needed is a sign of strength and an important part of your academic journey. Each of you has a role to play in shaping a welcoming, inclusive, and dynamic SJUIT environment where everyone can thrive. Together, through collaboration, hard work, and mutual respect, we can create a year filled with achievement and lasting impact. Let us move forward with confidence and determination to make 2025/26 a truly meaningful and rewarding experience for all.

Best wishes, Prof. Eliab Z. Opiyo, Vice-Chancellor, SJUIT.

#### Mission

Capacity Building of Children of Africa to meet the Emerging Challenges happening in the World, by imparting Quality Employable Education with Discipline which leads to Self – Enlightenment and Development of the Nation. October, 2025 THE HUB

### Highlights from Mbezi and Boko Campuses, 2024/25

#### SJCHAS Holds Inaugural White Coat Ceremony

The St. Joseph University College of Health Sciences (SJCHAS) held its inaugural White Coat Ceremony on November 24, 2024, at the Boko Campus. This symbolic event marks the formal entry of first-year Doctor of Medicine (MD) students into the medical profession.

During the ceremony, students were ceremoniously presented with their first white coats by members of the academic staff—signifying the start of their journey in clinical education. The event culminated in the recitation of a solemn oath, where students pledged to uphold honesty, integrity, and compassion in their future medical practice.



The White Coat Ceremony stands as a powerful reminder of the responsibilities and ethical standards that define the medical profession, and it sets a tone of professionalism and commitment from the very start of medical training.

#### The EEE division of the IET Launched at SJCET

The Electrical and Electronics Engineering (EEE) Division of the Institution of Engineers Tanzania (IET) at SJUIT was officially launched at the St. Joseph College of Engineering and Technology (SJCET) on November 22, 2024.

Hosting and launching this division at SJUIT brings numerous advantages, including enhancing the University's visibility and reputation within the engineering profession, fostering closer collaboration between students, faculty, and industry experts, and providing a platform for professional networking and career development. It also creates opportunities for students to engage in specialized training, research, and innovation projects, aligning their skills with industry needs. Furthermore, the division will serve as a hub for organizing workshops, seminars, and technical forums, enabling knowledge sharing and keeping members updated with the latest technological advancements in the electrical and electronics field. This strategic initiative strengthens SJUIT's role as a leader in engineering education and a key contributor to national and regional technological growth.

#### SJCHAS Accredited as a CPD Provider by MCT

The St. Joseph University College of Health and Allied Sciences (SJCHAS) has been officially accredited by the Medical Council of Tanganyika (MCT) as a Continuous Professional Development (CPD) provider under Accreditation No. MCTCPDP210. Valid from March 12, 2025, to March 12, 2026, this recognition allows SJCHAS to offer certified CPD activities that enhance the skills and competencies of healthcare professionals. It affirms the college's commitment to quality medical education and its role in strengthening healthcare through lifelong learning.



As part of this milestone, SJCHAS conducted its first accredited CPD workshop on "Advances and Challenges in Surgical Trauma Management" in May 2025, facilitated by Dr. Naresh Kumar from the UAE, awarding 2 CPD points. A second training followed in July 2025 on Obstetric Ultrasound, Gynaecological Surgeries, and Paediatric Oncology, delivered by international experts and awarding 20 CPD points. These initiatives highlight SJCHAS's dedication to advancing medical expertise and promoting globally informed professional development.



#### SJUIT Partners with Tanga Regional Referral Hospital for Clinical Training of MD Students

St. Joseph University in Tanzania (SJUIT) has officially begun utilizing Tanga Regional Referral Hospital (TRRH) as a clinical training site for its Doctor of Medicine (MD) students.

The first cohort of MD3 students reported to TRRH for clinical rotations on March 17, 2025, marking a significant step in the university's efforts to provide diverse, high-quality clinical learning environments.

TRRH is both well-staffed and well-equipped, serving as a key healthcare provider in the region, and it offers a wide range of specialized clinical services. This partnership enhances the practical training of SJUIT's medical students while supporting the hospital's mission to deliver comprehensive healthcare to the community.

### Students from Spain Visited SJCET

On 16th July 2025, a group of students from Spain visited St. Joseph College of Engineering and Technology (SJCET) to explore the University's academic and extracurricular activities. During their visit, they engaged in interactive sessions with both faculty and students, gaining valuable insights into the University's engineering and health science programmes.



The visit was part of an initiative to foster international collaboration, promote cross-cultural exchange, and explore potential areas for academic partnerships between SJUIT and institutions in Spain

The visit was significant as it played a key role in strengthening international collaboration and building meaningful academic relationships between SJUIT and institutions in Spain. By engaging in interactive sessions with faculty and students, the visiting group gained a deeper understanding of the University's academic strengths, particularly in engineering and technology. This exchange not only promoted cross-cultural understanding but also laid the groundwork for potential joint programmes, research collaborations, and student or faculty exchange initiatives, thereby enhancing SJUIT's global engagement and visibility.

#### SJUIT Achieves Full Ratification of its Curricula

All colleges at SJUIT have successfully reviewed and updated their curricula to align with the Education and Training Policy of 2014 (2023 Edition), the Revised Curricula for Basic Education, and other national and international academic benchmarks. Following this process, the Tanzania Commission for Universities (TCU) has officially ratified the revised curricula for all nine degree programmes offered by SJUIT, with implementation scheduled to begin in the 2025/26 academic year. This achievement is significant as it ensures that SJUIT's academic programmes remain current, relevant, and responsive to evolving educational standards and labor market needs.

#### Celebrating Academic Excellence: Highlights from the 17<sup>th</sup> Graduation Ceremony

The 17<sup>th</sup> Graduation Ceremony took place on Wednesday, December 11, 2024, at the Mbezi Luguruni Campus in Dar es Salaam.



A proud milestone for the university, the event marked the successful completion of academic journeys for 542 graduands, comprising 288 degree recipients and 254 diploma recipients.



Of the total graduands, 358 (66.1%) were male, while 184 (33.9%) were female—a reflection of the university's continued commitment to inclusive academic achievement. The ceremony was a momentous occasion filled with joy, reflection, and optimism for the future

#### Boko Campus Students Lead Cancer Awareness and Blood Donation Drive

On February 1, 2025, St. Joseph University College of Health and Allied Sciences (SJCHAS) held a Cervical Cancer Awareness, Screening, and Blood Donation Drive at its grounds. Organized by the Boko Campus Branch Students Organization leadership under Athumani Salmini and in partnership with Ocean Road Cancer Institute, Tanzania Medical Students Association (TAMSA), and Mbweni St. Joseph Hospital, the event united students, faculty, and community members to provide health education on cervical, breast, and prostate cancer, offer free screening, and encourage blood donations.

The initiative reached 120 people with vital health information, screened 25 women, and collected 30 units of blood for pregnant women and cancer patients.



With over 170 participants, the event blended awareness, prevention, and service to the community. It also strengthened collaboration between SJCHAS, healthcare partners, and local residents while fostering a stronger culture of health consciousness. Special thanks were extended to all partners and stakeholders whose support ensured the event's safety, effectiveness, and lasting impact.

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### Spotlight on Research & Innovation

Through the Innovation and Technopreneurship Acceleration Facility (ITAF), St. Joseph University in Tanzania (SJUIT) continues to cultivate students' talents and transform innovative ideas into tangible, market-ready solutions. By offering structured supervision, access to advanced facilities, and technical mentorship, ITAF plays a critical role in guiding student innovators toward commercialization.

#### Establishment of Spin-off Companies

As a demonstration of its strong commitment to innovation and entrepreneurship, SJUIT has advanced three alumni-led projects selected for further development and commercialization, with the goal of establishing spin-off companies. These initiatives highlight the university's dedication to transforming research into real-world solutions that address pressing societal needs.

The selected projects include the Submerged Intravenous Warmer Device (SIWD), supported by COSTECH, which enhances patient care through temperature-regulated delivery; an Electro-Mechanical Propulsion System for E-Trike, designed to improve energy efficiency in electric tricycle transportation; and a Cashew Nut Chewing System, developed to add value in cashew nut processing and consumption. Together, these ventures position SJUIT as a hub for practical innovation while empowering its graduates to become entrepreneurial, solution-driven leaders in their fields.

### SJUIT Establishes Six Centers of Excellence

St. Joseph University in Tanzania (SJUIT) has established six specialized Centers of Excellence to strengthen its role in academic leadership, research advancement, and community engagement. These centers position the university's five academic departments at the St. Joseph College of Engineering and Technology (SJCET) and the School of Medicine as hubs of expertise, offering leadership in research, consultancy, and specialized training.

The designated focus areas include Civil Engineering and the Built Environment; Mechanical, Mechatronics, and Industrial Engineering; Electrical, Electronics, and Communication Engineering; Computer Science and Information Systems Engineering; Sciences, Mathematics, and Education; and Health and Allied Sciences. Each center is committed to driving innovation, developing practical solutions to societal challenges, and fostering collaboration across disciplines, ensuring that SJUIT continues to contribute meaningfully to national and global development.

#### Breaking Barriers: Real-Time AI Transcription for Inclusive Learning

Students Baraka Martin, Sawia Swahibu, and Michael Ezekiel from the Department of Electrical, Electronics and Telecommunication Engineering (EETE) developed an AI-based Speech-to-Text Transcription Device designed to empower students with hearing loss. The device captures spoken words through a microphone, converts them into text in real-time, and displays the text on a screen, ensuring that no student misses critical instructions or discussions in the classroom. With its ability to save transcripts for future revision, this tool not only bridges communication gaps but also enhances accessibility and inclusivity in education.

The project, aptly titled "See the Words You Can't Hear!" stands as a breakthrough in assistive technology, blending AI innovation with a compassionate vision for education. Designed to function reliably even in noisy and dynamic classroom environments, the device opens new doors for equal participation, independent learning, and improved academic performance for students with hearing loss. By combining advanced technology with social impact, the team has demonstrated how student-led innovation can drive meaningful change in society.

#### Empowering Innovation: SJUIT Launches Joseph Innovation and Incubation Consultancy Company

In a bold move to enhance consultancy services and foster innovation, SJUIT has established a dedicated company—Joseph Innovation and Incubation Consultancy Company (JIICC) Private Limited. Recognizing the growing demand for expert advisory services across industries, SJUIT envisioned a platform that could bridge the gap between academic knowledge and practical solutions.

Registered officially with BRELA, JIICC Private Limited is poised to offer a wide range of services, from business strategy development and technological innovation to research and capacity building. The company not only showcases the university's commitment to real-world problem solving but also provides students and students with unique opportunities to apply their expertise in professional settings.

## Tomo Smart Glasses: A New AI-Powered Wearable Vision device for the Blind

Students Radhiarose A. Gulamhussein, Adil M. Ghalib, Tanzila A. Abdulaziz, Hellen B. Mdoe, and Kelvin P. Lingo from the Department of Computer Science and Information Systems Engineering (CSISE) developed Tomo Smart Glasses, an Alpowered wearable device designed to transform the lives of people who are blind. Equipped with advanced sensors and artificial intelligence, Tomo acts as a personal guide by recognizing objects, detecting obstacles, reading text, and describing the surrounding environment. With seamless voice command features and Bluetooth audio output, the device ensures users can navigate their daily lives with confidence and ease.



Tomo is more than just a pair of smart glasses—it is a companion for independence. The glasses provide real-time guidance through GPS navigation, instant information updates, and hands-free interaction, all designed to make everyday life safer, more convenient, and more exciting. By bridging technology with accessibility, the student innovators behind Tomo are showing how AI can open new opportunities, empower the blind community, and redefine inclusion in modern society.

### Corporate Social Responsibility and Outreach Activities

### STEM on Wheel Re-launched at Ubungo Municipality

St. Joseph University in Tanzania is implementing the STEM ON WHEEL program as part of the University's Corporate Social Responsibility (CSR) activities. "STEM on Wheel" is essentially a mobile laboratory mounted on a vehicle, which travels from school to school delivering practical lessons in Science, Technology, Engineering, and Mathematics.

The STEM ON WHEEL program was launched on January 17, 2022, with the primary goal of providing community service by offering Science and Mathematics teaching support to secondary schools across the country. Specifically, the program aims to enhance the teaching and learning of Physics, Chemistry, Biology, Mathematics, and Information and Communication Technology (ICT) in secondary schools.



The University has now launched a new phase of the STEM program, which was inaugurated in Ubungo District, where 36 secondary schools will benefit. The launch ceremony was officiated by Hon. Lazaro Twange, District Commissioner of Ubungo, on April 23, 2025, at the conference hall of Dar es Salaam Girls Secondary School.

#### SJUIT Donates Benches to Tanga Regional Referral Hospital

As part of its Corporate Social Responsibility (CSR) efforts, SJUIT donated 25 high-quality benches, valued at 2 million TZS, to Tanga Regional Referral Hospital on August 5, 2025. The donation ceremony, attended by hospital staff, community representatives, and SJUIT officials, marked a meaningful step in strengthening healthcare services in the region.



The benches, placed in key waiting areas, will significantly improve patient comfort, reduce overcrowding, and create a more organized flow of people within the hospital. For patients and their families, especially those who wait long hours for services, this simple yet impactful addition ensures dignity and relief. For hospital operations, it enhances efficiency by keeping waiting spaces orderly, reducing stress for both staff and patients, and supporting a more positive environment for care delivery. This initiative reflects SJUIT's commitment to community well-being, demonstrating that small improvements in infrastructure can have lasting benefits in service delivery and patient satisfaction.

#### Heroes in White Coats: SJCHAS Students and Faculty Roll Up Sleeves to Save Lives

On 14th August 2025, students of St. Joseph University in Tanzania (SJUIT), together with Dr. Hugo Yeste, Lecturer in Internal Medicine, took part in a remarkable act of compassion and social responsibility by donating blood at the hospital blood bank. This simple yet powerful gesture holds the potential to save countless lives.



Their willingness to give not only embodied the true spirit of humanity but also served as an inspiration for others to step forward—because every drop is a gift, and every donor is a silent hero.

The event was successfully coordinated by MD3 Class Representative, Milan Peter, with the full support of the Tanga Region Referral Hospital team, led by Mr. Salvatory Alexander and his dedicated staff, ensuring the smooth and impactful execution of the activity.

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### Students' Affairs and Welfare

## Championing Talent on the Field: SJUIT Shines in Sports and Games

Achievements in sports and games not only highlight SJUIT's commitment to academic excellence but also its dedication to nurturing well-rounded students who excel in athletics and represent the university with pride on national and international platforms.

#### SJUIT Student Selected for World University Games

Mr. Dickson Edward Silayo, a Bachelor of Science in Computer Science student at SJCET, earned national recognition after being selected by the Tanzania Universities Sports Association (TUSA) to represent Tanzanian universities in the 200-meter sprint at the prestigious World University Games. The event, held in Rhine-Ruhr, Germany, from July 16–27, 2025, brought together top student athletes from around the globe.



Mr. Silayo not only represented his university with pride but was also one of only two students from Tanzania to compete in the games. He successfully participated in the 200-meter race, showcasing both his talent and the competitive spirit of Tanzanian student athletes on an international stage. This achievement highlights his dedication to sports alongside academic excellence and serves as an inspiration to fellow students.

#### SJUIT Students Embrace Wellness Through Yoga

SJUIT students participated in a yoga session organized by the Indian Embassy. The event focused on promoting physical fitness, mental wellness, and cultural exchange through the practice of yoga. It provided students with an opportunity to experience holistic well-being while learning the discipline and techniques of yoga. Participants also gained insights into the cultural and traditional aspects of yoga, enhancing their understanding of global wellness practices.



SJUIT students approached the session with enthusiasm, energy, and discipline, demonstrating commitment to personal growth. Their active involvement highlighted the University's dedication to fostering well-rounded graduates who value both academic achievement and healthy living.

**Major Upcoming Events** 

- Commencement of 2025/26 Academic Year: The 2025/26 academic year is scheduled to commence on November 10, 2025 for all diploma and degree programmes at both Mbezi-Luguruni and Boko-Dovya campuses.
- 18<sup>th</sup> Graduation Ceremony: The 18<sup>th</sup> Graduation Ceremony is scheduled to be held on Wednesday, December 17, 2025 at Mbezi-Luguruni Campus, Dar es Salaam.

#### Outstanding Performances in National University Competitions

SJUIT proudly participated in the TUSA Football and Basketball Competitions hosted at Sokoine University of Agriculture (SUA) in Morogoro, from April 25–27, 2025.



Demonstrating skill and determination, both teams finished as runners-up, underscoring the university's growing strength in university sports.



#### Runners-Up in Simba Sports Club's Inter-University Tournament

In another major sporting event, SJUIT took part in the Simba Sports Club Inter-University Football Competition at the Dar es Salaam regional level.



The team delivered an impressive performance, advancing to the finals and securing second place.

#### Boko Campus Welcomes State-of-the-Art Basketball Facility

During the 2024/25 academic year, the University made notable progress in enhancing its sporting infrastructure, reaffirming its commitment to promoting student wellness and extracurricular engagement. A key milestone in this effort was the construction of a modern basketball court at the Boko Campus, designed to meet competitive standards and provide a vibrant space for training, tournaments, and recreational activities.



This facility not only supports the development of athletic talent but also fosters teamwork, discipline, and a healthy lifestyle among students, further enriching campus life.

#### Engineering Students on the Move: From Parliament to Mega Projects

Students from SJCET, Department of Civil Engineering and Built Environment actively engaged in a series of educational field visits aimed at bridging theory with practice. They visited the National Assembly in Dodoma, where they learned about the parliamentary structure, historical background, past leaders, and the functioning of parliamentary activities.



They also toured the Msalato International Airport construction site, gaining valuable insights into modern airport construction processes, as well as the SGR Station in Dodoma, to deepen their understanding of the operations of the SGR



In addition, the team visited the Julius Nyerere Hydropower Project (JNHPP) in Rufiji, where they observed firsthand how electricity is generated through hydraulic turbines, specifically the Francis turbine, which is being employed in the project. These visits provided the students with practical exposure to national mega projects and key institutions, enriching their academic learning with real-world engineering applications.

#### Build Your Future with SJUIT's Leading Engineering, Science, Science with Education, and Health and Allied Sciences Programmes

SJUIT offers world-class programmes listed below:

Postgraduate Programmes: Master of Business Administration.

**Undergraduate Programmes:** BSc in Civil Engineering; BSc in Mechanical Engineering; BSc in Electrical and Electronics Engineering; BSc in Electronics and Telecommunication Engineering; BSc in Computer Engineering Information Technology; BSc in Information Systems Network Engineering; Doctor of Medicine, BSc with Education (*Physics, Chemistry, Mathematics, Biology, Computer Science*).

**Diploma Programmes**: Civil Engineering; Mechanical Engineering; Electrical and Electronics Engineering; Electronics and Telecommunication Engineering; Computer Engineering Information Technology; Mechatronics Engineering, Industrial Engineering, Information Technology; Nursing and Midwifery; Pharmaceutical Sciences.

**How to Apply**: email: <u>info@sjuit.ac.tz</u>, Call:+255 680 277 900/909 or visit Admissions office at Mbezi Luguruni Campus Website: <u>www.sjuit.ac.tz</u>