

Z-NEWS

IT'S TIME TO INVENT YOUR FUTURE

2024 EDITION

GET 10% ALUMNI DISCOUNT AS YOU
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Student Exchange Program:
Zetech University students
visit the Silicon Valley of Asia.

New Partnerships: Launch of the
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birds and pests

SME Training: W&RSETA
Informal Traders Exchange
Program a boost for Retail
SMEs.

International Academic Trip to Asia's Silicon Valley BENGALURU

**22nd - 28th
September 2024**

Host: Christ University, Bengaluru India

The program is open to Zetech University students
Registration fee is **USD 1959**

The program is also open to Zetech University alumni. Registration is ongoing, hurry and register while slots are available. Contact Geoffrey on 0728 097 711.

As digitalisation spreads in education, it is vital to understand its relation to student engagement. Zetech University in partnership with Christ University in Bengaluru, India, offered students a one-week academic exchange program from 10th March 2024 to 17th March 2024 to learn innovation technologies from Bengaluru which is known as the Silicon Valley of Asia also referred to as the Tech City of India.

This exchange marked the first cohort of students. Zetech University Vice Chancellor Prof. Njenga Munene noted that six students headed for India. "This inaugural international academic trip is a demonstration of our commitment to ensure that our students are globally competitive.

It also contributes to students' experience, giving them a niche in driving innovation, a tech-future and the creation of digital jobs. The students had the opportunity to attend lecture sessions by the faculty

from Christ University and gain tech insights from Industry experts, and an exquisite experience in Indian hospitality. They also got a chance to visit FluxGen – an Indian company aiding industries in becoming water-positive through technology, an outlook of community development projects by NGOs in India and among others, visits to cultural centres.



**Intakes in
January, May
& September**

INVENT YOUR FUTURE

Zetech University and Loyola Marymount University Immersion session



Zetech University hosted a group of staff and MBA students from Loyola Marymount University, Los Angeles, California at the Technology Park, Mang'u Campus. As part of the University's student experience towards a Global Student Exchange Programme, to enhance our students' global competitiveness, and prepare them for both local and international market dynamics, the immersion session with Loyola Marymount University offered continued partnership in achieving this goal.

The Loyola Marymount University team, led by Dr. Dayle Smith, Dr. Kelly Watson and Ellen Esten, shared insights with Zetech University students on the iBESCC (International Business Ethics and Sustainability Case Competition) - a hybrid competition held online on a chosen business problem, an analysis of the ethical, sustainable, legal and financial aspects and/or viable solutions on all fronts. Dr. Smith suggested a similar competition between the Loyola Marymount students and Zetech students.

They also shared insights on sustainable courses, suited to churn the student to contribute better to society in the people first, planet then profit later model. The two teams had an interactive session and discussed the Kenya business landscape at a glance, networked and shared best practices in businesses.

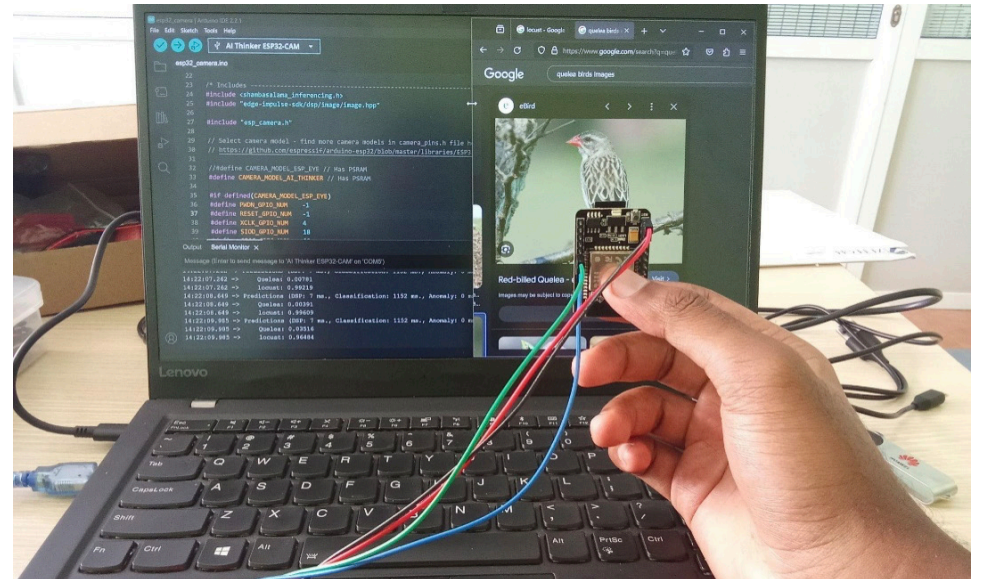
Prof. PLO Lumumba pays courtesy call to Zetech University

On 12th April 2024, Zetech University was honored to host Prof. PLO Lumumba for a productive discussion on the future of education in Kenya and potential collaborations. Our esteemed Vice Chancellor, Prof. Njenga Munene, had the pleasure of exchanging insights with Prof. Lumumba as Zetech University takes strides towards introducing Law studies program.



Zetech innovation hub (iZET HUB). Smart pest deterrent system: Zetech University students develop technology to keep away pests from farms

This groundbreaking prototype was developed by three ambitious students: Samuel Oduor and Elizabeth Onyango, both pursuing Bachelor of Science in Information Technology in their third year, along with Isaac Muendo, currently in his final year of Diploma in Computer Science.



The Smart Pest Deterrent System provides a robust solution for safeguarding crops during the critical harvest season. Its key features include real-time monitoring with drones for early detection, AI-powered pest identification ensuring accuracy, targeted acoustic deterrents, and a smart scarecrow equipped with a camera for continuous surveillance. Additionally, the system offers an online portal for farmer registration and easy access to services, enhancing usability and convenience. The innovative system incorporates a range of cutting-edge technologies to ensure comprehensive and efficient pest management.



Samuel Oduor



Elizabeth Onyango

These include AIoT (Artificial Intelligence of Things), MindSpore for AI processing, OpenCV for image processing, drones for aerial surveillance, intelligent scarecrows for physical deterrence, cloud services for data storage and analysis, and big data analytics for insights and decision-making.

By leveraging this diverse set of technologies, the system offers a holistic approach to pest management, integrating real-time monitoring, accurate identification, targeted deterrence, and data-driven optimization to effectively safeguard crops and maximize agricultural productivity.



Isaac Muendo

SME Empowerment: W&RSETA Informal Traders exchange programme proves a boost for retail SMES



In South Africa on 26th March 2024 at Witwatersrand University, Zetech University, and the Wholesale and Retail Sector Education and Training Authority (W&RSETA) graduation celebrated the successful culmination of their pioneering Informal Traders Exchange Programme – a significant milestone in the upskilling and support of SMEs.



The 111 businesses from South Africa were empowered with essential business management skills focused on technology and innovation and immersed in Nairobi's booming informal trade to drive the growth of the South African informal retail trade. The journey didn't end there; participants received six months of invaluable mentorship and financial literacy training from Zetech University to further support their growth plans and aspirations. The W&RSETA also supported them with financial grants to invest in their businesses.

Launch of the Inua Biashara Program



The Inua Biashara Program was launched on 21st March 2024 at Zetech University Technology Park Mang'u Campus, an upcoming business reality TV program that marks a significant initiative designed to allow entrepreneurs in Micro, Small, and Medium-sized Enterprises to pitch their businesses and get financial support while addressing the challenges they face and providing them with a platform for growth and development.

The Inua Biashara Program is a project formed by a consortium of Zetech University, Safaricom PLC, KCB Bank, Kenya National Chamber of Commerce and Industry, Homeboyz PLC, Umbrella TV, Dynamics Marketing Solutions Co. Ltd., and Yali Kenya.

Entrepreneurs in small businesses and start-ups, through this program, will get the opportunity to pitch their business, while sourcing finances, market linkages.

The program is set to be aired on TV countrywide on Sundays from 7:30 pm to 9:00 pm on Umbrella TV, Homeboyz TV, NTV, YouTube TV, and other interested stations. The program officially kicked off on the 28th of April 2024.

Women in Tech IWD 2024

In an event organized by Women Tech Circles in collaboration with the Women Techmakers Zetech University Chapter, Zetech had an incredible opportunity to celebrate International Women's Day while recognizing the outstanding contributions of women in shaping the future of tech.

Women Empowerment The event revolved around the theme, "Impacting the Future of Tech," which showcased the pivotal role women play in AI, cybersecurity, ML, data science, software engineering, and other emerging technologies.



From captivating keynotes to interactive panel sessions and skill-building workshops led by industry experts, the event was nothing short of transformative. It was inspiring and empowering.

Together, Zetech continues to drive change in supporting the place of women in tech ecosystem. We keep the momentum going and continue championing diversity and inclusion in tech!



Zetech University Students Shine in Inaugural Power Hacks Inter-University Edition



The inaugural edition of the Inter-University Power Learn Project Hackathon on 18th May was an event dedicated to fostering young entrepreneurial and technological talents within universities. The competition saw participation from over 300 students across various Kenyan universities, focusing on innovative solutions that align with sustainable development goals.

Among the standout students was Zetech University's Kevin Gitau and Moses Majengo, who, secured third place with their innovative project, AirSafi. This Internet of Things (IoT) solution is designed to monitor the air quality index, providing real-time notifications to locals and industries about air pollution levels. AirSafi aims to promote healthier living environments by enabling communities to take proactive measures against air pollution.

The competition showcased a diverse range of solutions addressing various sustainability challenges. The second-place accolade was awarded to a team that developed the Smart Sewage Monitoring System. Taking the top prize was the SheSafe innovation, a groundbreaking solution aimed at combating financial fraud and theft in Kenya.



Zetech University is a leading technology and entrepreneurial university in Kenya that is committed to promoting excellence in education and research by integrating innovation and technology to impact society. The fully chartered university has a track record of over 25 years in nurturing holistic talents and producing market-ready graduates who are equipped with the skills and knowledge necessary to succeed in today's competitive job market through the following programmes:



Innovative / Elevated Professional

Enroll Today for:

Doctor of Philosophy in Business Administration and Management

PhD

Apply today through our website www.zetech.ac.ke



Flexible Accredited Transformative

Master of Business Administration

Online classes available

ACCREDITED OPEN DISTANCE AND E-LEARNING (ODEL) CENTRE

POSTGRADUATE PROGRAMMES

PROGRAMME	TUITION FEE PER SEMESTER	NO. SEMESTERS
Doctor of Philosophy in Business Administration & Management	90,000/-	6
Master of Business Administration	72,000/-	4

UNDERGRADUATE PROGRAMMES

PROGRAMME	TUITION FEE PER SEMESTER	NO. SEMESTERS
Bachelor of Commerce	54,650/-	8
Bachelor of Business Administration & Management	54,650/-	8
Bachelor of Purchasing & Supply Chain Management	54,650/-	8
Bachelor of Accounting and Finance	54,650/-	8
Bachelor of Science in Actuarial Science	60,650/-	8
Bachelor of Economics & Statistics	54,650/-	8
Bachelor of Science in Health Systems Management	54,650/-	8
Bachelor of Business Information Technology	60,650/-	8
Bachelor of Science in Information Technology	60,650/-	8
Bachelor of Science in Computer Science	60,650/-	8
Bachelor of Science in Computer Science & Mathematics	60,650/-	8
Bachelor of Science in Computer Science & Applied Physics	60,650/-	8
Bachelor of Science in Software Engineering	60,650/-	8
Bachelor of Journalism	60,650/-	8
Bachelor of Science in Media & Digital Communication	60,650/-	8
Bachelor of Science in Hospitality and Tourism Management	60,650/-	8
Bachelor of Arts in International Relations and Diplomacy	54,650/-	8
Bachelor of Education Arts	41,500/-	8
Bachelor of Arts in Psychology with Technology	54,650/-	8
Bachelor of Arts in Sociology & Technology	54,650/-	8
Bachelor of Arts in Political Science with Technology	54,650/-	8

DIPLOMA PROGRAMMES CONTINUED

Diploma in Community Development
Diploma in Community Health
Diploma in Counseling Psychology
Diploma in Project Management
Diploma in Criminology and Security Studies
Diploma in Film and Television Production
Diploma in International Relations and Diplomacy
Diploma in Communication and Media Studies
Diploma in Information Technology
Diploma in Software Engineering
Diploma in Electrical Engineering
Diploma in Business Information Technology
Diploma in Computer Science
Diploma in Hospitality Management
Diploma in Tourism Management
Diploma in Digital Marketing
Diploma in Business Intelligence and Analytics
Diploma in Data Science and Analytics
Diploma in Artificial Intelligence and Cloud Technologies
Diploma in Cyber Security and Forensics

CERTIFICATE PROGRAMMES

Certificate in Business Management
Certificate in Procurement and Supply Chain Management
Certificate in Digital Marketing
Certificate in Information Technology
Certificate in Journalism and Media Studies
Certificate in Digital Film Production & Video Technology
Certificate in Electrical Engineering
Certificate in Development Studies Management
Certificate in Hospitality and Tourism Management
Certificate in Cyber Security and Forensics



IT'S YOUR TIME



Zetech Journal of Business & Technology Editorial Team Training



The Zetech Journal of Business Technology editorial team on 30th April 2024 had the privilege of participating in a comprehensive training on journal management, led by the esteemed Prof. Bosire Onyanya of UNISA, South Africa, and Dr. Daniel Karanja. This insightful session equipped our team with the latest knowledge and best practices for:

1. Efficiently managing the editorial workflow
2. Maintaining the highest quality standards
3. Enhancing the visibility and impact of Zetech University's publications

Kiambu County Deputy Governor Foundation

On 29th April 2024, Zetech University Vice Chancellor was honored to attend the Kiambu Deputy Governor - Rose Kirika Foundation launch at the MPesa Foundation Academy. Other dignitaries in attendance included; the second lady of Kenya, Dr. Pst. Dorcas Gachagua, and deputy governors drawn from counties in Kenya including; Kilifi, Trans Nzoia and Nyeri.

The foundation is set to serve a purpose in the preventive approach of economic and social empowerment to the family unit.



Eye Medical Clinic to Spearhead Community Health Initiative in collaboration with Healthcare partners



Zetech University partnered with the County Government of Kiambu, PCEA Kikuyu Hospital, and the Christian Blind Mission, for a transformative Eye

Medical Clinic on May 2nd, 2024, at the Mang'u Campus. This collaborative effort extended vital eye screening services to over 1000 individuals residing in the Weiteithie area, recognizing the pressing need for accessible eye care, particularly in underserved communities.



Beyond the immediate clinic, Zetech University reaffirms its commitment to sustainable community engagement. The University's long-term strategic plan mirrors the BETA (Bottom-up Economic Transformation Agenda) commitment, aligning with the Kenya Health Policy 2014-2030 with an ambitious goal to start offering healthcare programmes and establish community hospital within the institution, aiming for the highest standards of health in the country.

Extending Lifeline to Flood Victims in Collaboration with NGOs

On 16th May 2024, Zetech University stepped forward to offer a beacon of hope to over 150 families. In partnership with Crime Si Poa – Youth Safety Awareness Initiative and Oshwal Mahila Mandal, the university orchestrated a concerted relief effort aimed at alleviating the suffering of those hardest hit by the natural disaster.

The relief donations exercise, held at the Zetech University Technology Park – Mang'u Campus, served as a vital lifeline for flood victims grappling with the aftermath of the calamity. Blankets, foodstuffs, and umbrellas for business were among the crucial supplies distributed to affected community members, providing much-needed relief in the face of adversity.



As the nation continues to grapple with the aftermath of the floods, the collaborative efforts of Zetech University and partners serve as a testament to the unwavering dedication to commitment to Environmental, Social, and Governance (ESG) practices as a beacon of responsible leadership. By integrating sustainability principles such as support for community well-being, Zetech continues to contribute positively to society. This dedication to ESG practices underscores the holistic approach to serving humanity and underscores the enduring power of solidarity in times of adversity.

Invent your future



Welcome Dr. Nyasha Mapuweyi

Visiting Lecturer, Media, Arts & Digital Communication.

We are delighted to introduce our new faculty, Dr. Nyasha, who joins Zetech University from **Midlands State University, Zimbabwe**. He holds a PhD in Media Studies from Nelson Mandela Metropolitan University, South Africa; Post Graduate Diploma in Tertiary Education, and Master of Science in Media and Society Studies from Midlands State University, Zimbabwe.

Dr. Nyasha is a **board member** at the Center for Investigative Journalism in Zimbabwe. He has worked as a Senior Lecturer at **Midlands State University**, Newspaper Sub-Editor with the Sunday Mail Newspaper, Zimbabwe; Journalist with the Daily Mirror and the Tribune. He has also worked as Director of Journalism and Academic studies at the Christian College of Southern Africa.

He has published 22 journals – including research articles and book chapters such as The Press and Politics, Press and Environment Management, and authored chapters in prominent books such as Gender, Sexuality and the Media and Representation of African Union Agenda in the Media among others.

While on campus Dr. Nyasha will be sharing insights and **best practices** with our faculty; seminars, workshops & lectures with our media students.

Karibu Zetech!



Google Developer Students Club: Public Lecture on “Build with AI”

By Sharon Nyambura - Student, Communication and Media Studies



Zetech University took a bold step into the future by hosting a public lecture themed “Build with Artificial Intelligence (AI)” on May 9, 2024. The event was a platform to explore the transforming potential of AI across various industries and its implications for future development.

The lecture attracted a diverse audience of Google Developer Student Clubs (GDSC). The event explored the Gemini Generative AI models, particularly the two types of Gemini models, the Gemini Pro Vision and Gemini API. Gemini API is a platform for building AI applications that involve text and image generation. As the lecture concluded, attendees left with a renewed sense of curiosity about the possibilities of AI, equipped with knowledge and inspiration to start their journeys of exploring and discovering the future AI is bringing to technology and innovation.

The Huawei ICT Academy Instructor Forum in China



Samuel Kinuthia, a distinguished faculty member of Zetech University, has been recognized as the Most Valuable Instructor at the prestigious Huawei ICT Academy Instructor Forum held in Shenzhen, China. Representing both Zetech University and Kenya, Mr. Kinuthia stood out among 24 top instructors from various countries, earning accolades for his exceptional performance and contributions to digital skill enhancement.

Team Kenya's success was celebrated alongside the support of Dr. Esther Thaara Muoria, Principal Secretary of the State Department for TVET, Ministry of Education, highlighting Kenya's growing presence on the global ICT stage. Mr. Kinuthia's accolades underscore his vital role in nurturing the next generation of ICT professionals at Zetech University.



Mental Health Awareness Campus Tour

By Sharon Nyambura - Student, Communication and Media Studies



To prioritise mental health and well-being, Zetech University hosted an educational and empowering campus tour on 24th May 2024 in recognition of Mental Awareness Month, to raise awareness and promote mental wellness among students and staff.

The Kenyan National Commission of Human Rights estimates that 25% and 40% of outpatients and inpatients suffer from mental health conditions. The most frequent diagnoses of mental illnesses made in general hospital settings are depression, substance abuse, stress, and anxiety disorders. Interactive sessions and engaging activities were organised with renowned experts and mental health professionals throughout the day to encourage participation and discussion. From group discussions and peer support circles to mindfulness exercises and art therapy workshops, there was something for everyone to get involved in and contribute to the conversation surrounding mental health. The event also provided access to information, support services, and resources related to mental health and well-being.

Representatives from the counselling office were on hand to offer guidance, answer questions, and connect attendees with valuable resources. As mental health continues to be a pressing concern worldwide, initiatives like Zetech University's Mental Awareness Campus Tour play a crucial role in raising awareness, reducing stigma, and promoting positive mental well-being. By providing education, support, and resources, the university aims to empower individuals to prioritise their mental health and seek help when needed.

The 3rd Multi-sectoral Conference on Research, Science, Technology & Innovation



Zetech VC, Prof. Njenga Munene gave a keynote address at the 3rd Multisectoral Conference and Exhibition on Research, Science, Technology and Innovation (MS-CEORSTI) that kicked off in Nairobi on 7th May, a deliberation that focused primarily on using technology to better lives.

Convened by the National Commission for Science, Technology and Innovation (NACOSTI) under the theme, "Science, Technology, and Innovation as the Game-Changer for National Security and Sustainable Prosperity," Zetech University is reinforcing its position as Kenya's leading technological university. Zetech continues to collaborate with stakeholders and experts in the technological sector.

Talent Exhibition Show At Technology Park Mang'u Campus



Zetech University Furnace Drama Club Wins



May 2024 Cohort Orientation & Matriculation Oath



Engineering Students Academic Trip to Techwin Limited





6th Zetech University Sustainable Innovations Conference & Innovation Week

Call for Submission of Abstract & Conference Papers

Date: 8th - 12th July 2024 | 10am to 5pm

Venue: Zetech University, Technology Park Mang'u

Theme

Innovate, Disrupt, Regenerate: Unleashing the Transformative Power of AI for a Circular Economy

Instructions for Abstract and Full Paper Submission;

- Participants are requested to submit a soft copy of their abstracts on or before 10th May 2024.
- The abstract should be between 250-380 words and Full papers between 2000 and 3000 words excluding references.
- Submissions should include the following details:
 - Title of the presentation.
 - Sub-theme under which the abstract falls.
 - Author(s) full name(s) and institutional/organisational affiliation.
 - Contact information (Phone and Email address) of the corresponding author.
 - Use 12 point Calisto MT Font, 1.5 Line spacing
 - Use APA referencing styles.
 - Submitted documents should be in word, PDF or RTF.

Submission Details

Abstract submission deadlines	28 th May 2024
Notification of abstract acceptance	7 th June 2024
Full paper submission deadlines and presentation fee Payment	14 th June 2024
Early bird registration closes	28 th June 2024
Conference Starts	11 th July 2024
Conference Closes	12 th July 2024

Mode of Payment;

- Bankers Cheque in favor of Zetech University
- Cash Deposit (KES.):** Zetech University
Bank: Absa Bank of Kenya
Account No: 2031653161
Branch: Absa Towers
Bank Code: 03
Branch Code: 077
Swift Code: BARCKENX
- M-Pesa:** Pay Bill: 303030
Account No.: 2031653161

Early Bird Registration for Presentations

Non-Students	KES 5,000
Student Presenters	KES 4,000
International Presenters	USD 100
Paper Publication	KES 5,000
Exhibition tents	KES 25,000

Late Registration for Presentations

Non-Students	KES 6,000
Student Presenters	KES 5,000
International Presenters	USD 120
Paper Publication	KES 8,000
Exhibition Tent	KES 30,000

Z-SPORTS ROUND UP

Zetech Sparks Feted as Curtains Fell on CS Eliud Owalo Basketball Tournament



I can say the tournament was good, it came at a very good time helping us in our preparations to play the playoffs and also finish the three games that are remaining in the regular season.

Zetech Sparks head coach Maurice Obilo was over the moon after the Sparks demolished heavy weights and giants Kenya Ports Authority (KPA) to win the inaugural Eliud Owalo Foundation Invitational Basketball Tournament that brought together elite premier league clubs. Zetech won the women's trophy after defeating KPA 59-50 in the final played at the Nyayo Gymnasium on 12th May 2024.



Obilo noted the tournament came at the right time as they planned to play their last three premier league matches before heading to playoffs of the Kenya National Women's Basketball League.

"I can say the tournament was good, it came at a very good time helping us in our preparations to play the playoffs and also finish the three games that are remaining in the regular season so it was a good timing. All the games were exciting and they were tough".



Zetech won the first quarter 14-12 before another impressive run in the second quarter [17-11] going to lead 31-23 at half time. After the break, the Dockers came back stronger winning 20-14 but the students had a different game plan as they cemented their victory with a 14-07 win in the last quarter with the game ending 59-50 at the final buzzer.



Zetech University Rugby team: Zetech Oaks Unveil New Kit

Zetech Oaks unveiled a new kit ahead of the National Nationwide knockout stage. The kit features a blue colour scheme with an orange strip on the collar, stockings and sides of the shorts.

The jersey displays the Zetech logo on the left, the manufacturer's logo Morani on the right, and the back of the jersey showcases the player's number along with the University's slogan all in white.



Zetech Oaks unveiled a new kit ahead of the National Nationwide knockout stage. The kit features a blue colour scheme with an orange strip on the collar, stockings and sides of the shorts.



The jersey displays the Zetech logo on the left, the manufacturer’s logo Morani on the right, and the back of the jersey showcases the player’s number along with the University’s slogan all in white.

The kit was presented by the Vice- Chancellor Professor Njenga Munene in the ceremony. Zetech lead by head Coach Ramsfield Matekwa and Team Manager Nicholas Mutwiri topped the Central Region Nationwide standings after accumulating 36 points, securing seven wins and a draw. They boasted the best attack, amassing 253 points, while only conceding 37 points.

In the journey to the Central region final, Oaks eliminated Chuka before clinching an 18-9 victory over MKU Thika.

Now, they set their sights on the 2024/25 KRU Championship qualification pathway, which will see Nationwide teams traveling outside their regions to compete in the pre - quarterfinal fixtures.

Zetech Sparks win big at the women’s championships



The Sparks gave yet another showdown, after four years in a row as defending champions, with several wins in the Women’s Championships held at Egerton University.

The Sparks bagged the Football category where they emerged winners, and the basketball category as winners. In the Karate games, the Zetech Karate Sparks also topped with 1 gold, 3 silver and 2 bronze medals.

Zetech celebrated the Sparks who gave the University a burst of joy as they celebrated International Women’s Day.



Principal Education Officer, Central Planning and Project Monitoring Department, State Department for University Education, Ms Fridah Makena Mugambi attending the games, echoed the power of sports in promoting talents amongst students and in particular this event that targeted women was so iconic on an International Women’s Day.

She mentioned that the Ministry of Education (University Education sector) will strive to work with the Ministry of Sports to support University Sports and women in sports.



She further thanked the Kenya University Sports Federation for doing a good job in supporting talent development. The Sparks proceeded to the National Championship Playoffs in Masinde Muliro University of Science and Technology from the 29th to 31st March 2024.

