

The Pacesetter

The official Mutare Polytechnic Magazine

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is mandatory

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MINISTRY OF HIGHER AND TERTIARY EDUCATION,
INNOVATION, SCIENCE AND TECHNOLOGY DEVELOPMENT





We are The
Pacesetter



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VISION

Heritage based empowered human capital for industrialization and modernization by 2030.

MISSION

To develop skilled human capital through heritage based Education 5.0 for quality goods and services.

VALUES

Equity: quality of being impartial, just and fair.
Innovation: translating an idea or invention into a product that creates value.
Integrity: steadfast to strict moral and ethical principles / firm adherence to code of conduct.

DISCLAIMER: In some pictures people were asked to remove their masks for the purpose of photoshoot and all are vaccinated.

Editor's Note



Charity Mambondiyani (Editor)

Greetings to all our readers

It is a privilege to extend my greetings to each one of you for a happy, healthy and harmonious 2021 and welcome to yet another edition of 'The Pacesetter' magazine. COVID-19 Pandemic has surely altered lives and disrupted normal life across the world and the unforeseen events compelled us to change plans and we could not produce our magazine in 2020.

COVID-19 has also brought inspiring moments and has compelled people to think outside the box. Before most institutions were using the traditional method of learning whereby students will physically come to class and learn, Mutare Polytechnic being one of them. With the advent of COVID-19, the institution has since adopted blended learning method when students have their face to face learning especially for their practicals and when they are away from campus they always learn through various online

platforms that include Google Class and Moodle. We saw the polytechnic community coming together to form friendships virtually.

Despite COVID-19 we have to keep going and in this edition of the magazine we share some stories of activities that happened at Mutare Polytechnic in 2020/21.

Let me say we're grateful to all of you, our readers, for continuing to engage with us as we do our best to bring you information of what happens at Mutare Polytechnic.

Wishing everyone happy reading and a safe and healthy 2021!

Charity Mambondiyani

Editorial Team



Tambu Nyahwema
(Staff Reporter)



Taurai Dhliwayo
(Photographer)



Guyford Muchayakanyi
(Staff Reporter)



Pretty Chibangwa
(Staff Reporter)



Message from the Principal

would like to extend my greetings to The Pacesetter Magazine readers.

As the impact of the COVID-19 (coronavirus) pandemic continues to be felt extensively in many areas around the world, the importance of community cannot be over-emphasised. In these unprecedented times, I wish to provide the Polytechnic community with an update on the college's response to this rapidly evolving situation.

Here at the Mutare Polytechnic, the health and wellbeing of our students and colleagues is of paramount importance. In line with the WHO rules, regulations and recommendations and Zimbabwe government guidance, the institution has taken the decision to close the institution during lockdowns. However, our dedicated staff continue to support our community of students by working and delivering instruction remotely.

The institution has since embraced blended learning. This is a combination of online and physical learning and at first remote learning was thus difficult for practical exercises because they require the use of equipment or materials not usually found inside the home. The institution, therefore administer practical's whenever students came back on campus for face to face learning. Theory lessons are conducted through various platforms such as Moodle, Goggle Classroom and WhatsApp

Although adjustments to online learning was marred with challenges in low-income contexts and among vulnerable students. However, I have full confidence that the prudent implementation of online learning would meet the changing needs of the lecturers and students in the increasingly digital and mobile era because COVID-19 has added impetus and urgency to that.

Mutare Polytechnic was also on the forefront of helping to combat the disease, by producing hand sanitizers and Personal Protective Equipment needed to prevent the spread of COVID-19. Production of hand sanitizers and face masks kicked off at the onset of lockdown in March. The institution had to utilize its students and staff from the Applied Science and Clothing departments to contribute in terms of technical

expertise and in the production of PPEs and sanitizers. The initiative dovetails with government efforts to shift focus from producing employment seeking graduands into producing entrepreneurs that can help improve industrial production and create employment.

Previously, the education system in Zimbabwe, which was regarded as Higher and Tertiary Education (HTE) 3.0, premised more on teaching, research and community service. A newly adopted model, HTE 5.0 focuses on problem solving and value addition. In line with HTE 5.0, the polytechnic has enhanced HTE 3.0 by including and innovation and industrialization. Thus the formulations of vehicle number plates, sanitizers, face masks and PPEs among others. This had resulted in the commercialization of education augmenting revenue from fiscas.

There are numerous opportunities for growth and development in the field of research and innovation. Our efforts in technology transfer research, innovation and industrialization had become the bedrock of our very existence and the reason for our success. In this direction Mutare Polytechnic Research Association conducted a virtual conference for the first time.

The institution realigned all its operations to National Development Strategy 1 in the strategic plan in support the government towards the attainment of Vision 2030 of the nation becoming a middle upper class economy. The Strategic Plan outlined a clear direction towards realizing our vision: Heritage based empowered human capital for industrialization and modernization by 2030. To achieve this, we are focused on producing skilled human capital that can cause industry.

Lastly, a new Mutare Polytechnic advisory council board for 2020-23 will be chaired by Mrs Christine Nyatoti .Let me hasten to say that the new board is made up of highly skilled members from diverse academic backgrounds and are rearing to raise the Mutare Polytechnic flag high. I am a proud benefactor of the guidance of this astute council.

Watema P
Principal

From the Vice Principal Desk

The Pacesetter magazine is a manifestation of Mutare Polytechnic's experiences and drive towards achievement of excellence in Technical and Vocational Education and Training (TVET). The publication of this edition is thus a fulfilment of our shared vision as a polytechnic.

The Pacesetter is a platform for the dissemination of academic, social and other diverse activities that occur within Mutare Polytechnic's context. I therefore invite you to read this informative and well documented magazine and be an informed member of this shared experience.

I am confident that the polytechnic will continue unabated on this trajectory. The vision of Mutare Polytechnic should thus define our character and experiences as we seek to scale greater heights.

Enjoy



Dr Chabwera S

Advisory Council Board for Poly



Advisory Council Board Members

By Charity Mambondiyani

Ministry Of Higher and Tertiary Education, Innovation, Science and Technology Development appointed a new advisory board for Mutare Polytechnic in September 2020.

The board established under Statutory Instrument 81 of 1999 will assist with ideas and counsel to the institution's management.

The eighteen member board would advise on various issues, including advising and providing counsel to the Principal and management, providing guidance on matters that might arise in the administration of the institution among other things. Currently the Mutare Polytechnic advisory board has twelve members and six more members will be appointed in due course.

The Principal, Ms Poniso Watema said board members were carefully selected to advise the office of the principal and management with the aim to improve service delivery.

The advisory board is chaired by Mrs Christine Nyatoti deputised by Dr Anthony A. Mutara with Engineer Jackson Junga, Ms Rumbidzai Gurira, Mrs Sylvia Muteva, Mrs Rumbidzai Hlupo, Mrs Evelyn Musewe, Mrs Babra Matsanga, Mr W. Bepe, Mr Muzamhindo and Mr Simbarashe Garura (Student Representative Council).

The Late Bulawayo Polytechnic Principal, Engineer Gilbert Mzenzi Mabasa was the twelfth member of the advisory board.

"The new board is made up of highly skilled members from diverse academic backgrounds and are raring to raise the Mutare Polytechnic flag high. As an institution we are a proud beneficiary of the guidance of this astute council," said Ms Watema.

The new advisory board will run from 2020- 2023

Dr Chabwera joins Mutare Polytechnic as New Vice Principal

By Charity Mambondiyani

Dr Stefani Chabwera was appointed as the new Vice Principal of Mutare Polytechnic with effect from 16 August 2021.

Dr Chabwera's appointment follows the retirement of Mr Chapeyama in April 2020.

This announcement was made during a senior and middle management welcoming meeting held at Mutare Polytechnic on 25 August 2021.

The Principal of Mutare Polytechnic, Ms Poniso Watema said Dr Chabwera brings years of experience to the position and is expected to be an asset in the new role.

In response to his appointment, Dr Chabwera said polytechnics had a responsibility to cause industry through innovations that responded to societal challenges and expectations.

"TVET is a tool for social and economic transformation. Moreso, we are going to work as a team and together we can," said Dr Chabwera.

Dr Chabwera holds a University of Zimbabwe Certificate in Education from Gweru Teachers College Bachelor of Arts in Communication and English from the University of South Africa, Master of Education in Educational Management from Zimbabwe Open University.

He received his Doctor of Education in Educational Management from University of South Africa.

He taught English Language and Literature in English for 12 years at various secondary schools.

Dr Chabwera then joined Bulawayo Polytechnic in January 2003 as a Communication lecturer and while at the polytechnic he became a Lecturer in charge in the same department.

He was appointed Head of department Adult and Continuing Education from January 2008 to February 2016.

Dr Chabwera has interest in Research, Quality assurance and Poetry Writing and has co-authored and published a Research Paper entitled 'Accessing inclusive Education at Bulawayo polytechnic-Everante Financial Management Journal October 2016.

While at Bulawayo Polytechnic, Dr Chabwera was awarded the Principal's Awards of Excellence for the best performing department from 2009 to 2012.

Dr Stefani Chabwera



When Innovation is mandatory

By Poniso Watema
Mutare Polytechnic Principal

The Ministry of Higher and Tertiary Education, Innovation, Science and Technology Development was mandated to spearhead all innovation, science and technology development within Higher Education Institutions by His Excellence The President of the Republic of Zimbabwe and the Commander in Chief of the Defense Forces.

The Minister reconfigured Higher Education from a consumptive Ministry to a productive Ministry through Education 5.0 anchored on Heritage Education.

One integral part which comes out vividly is science and innovation. The Ministry established departments that overlook innovation and technology. All Higher Education Institutions have embraced technology and innovation through the establishment of Innovation Hubs (Universities) and Industrial Business Incubators (Polytechnics and Industrial Colleges)

What is innovation?

Innovation involves deliberate application of information, imagination and initiative in deriving greater or different values from resources and includes all processes by which new ideas are generated and converted into useful products, but not limited to the above definition.

Innovation is the process of making changes to something

established by introducing something new that: transforms ideas into outputs, which increase customer value.

Introducing something new that: adds value to customers.- describing an innovation as adding value to customers, we assume that customers who experience the added value will continue to use the product, process, or service or at least have an improved experience.

Introducing something new that adds value to customers and contributes to the knowledge store of the organization- an organization that can continuously learn and adapt its behavior to external stimuli does so by continuously adding to its collective knowledge store. Provide employment opportunities. On the other hand, innovation can have a negative impact on society by wiping out traditional industries or having other unintended side effects. For example, although a certain chemical innovation may allow farmers to grow more crops per acre, it may also pollute the environment, kill wildlife, and even cause human health problems by working its way up the food chain.

Drivers of Innovation

EMERGING TECHNOLOGIES

Sources of emerging technology can include universities, high-technology startups, and competing organizations.



COMPETITOR ACTIONS

The innovative actions of competitors and other organizations can be another driver of innovation. Competitors can provide a benchmark regarding which projects and initiatives to pursue.

NEW IDEAS

This can result in increased scanning capabilities and better information about market needs. Engaging employees, suppliers, customers, and other lead users can reveal new opportunities that otherwise might have gone undiscovered.

EXTERNAL ENVIRONMENT

All organizations are affected by changes in their external environment; these changes can be another driver of innovation. Environmental changes can occur because of competitor actions that have revolutionized the business environment or can happen through macro shifts in the political, economic, cultural, or technological environment. As organizations struggle to realign with their new business environment, they must innovate their products, processes, and services accordingly.

Categories of Innovation

Product innovation

Product innovation is about making beneficial changes to physical products.

Process innovation

Process innovation is about making beneficial changes to the processes that produce products or services.

Service innovation

Service innovation is about making beneficial changes to services that customers use.

Focus on Innovation in Higher Education

Colleges and universities are full of smart and creative people. The challenge is to harness that intelligence and creative energy into developing a culture of innovation. It is critical for such culture of innovation to be instilled in institutions of higher learning if institutions have to thrive.

VISITORS OF POLY STAND



Mr Tagwireyi explains a non-revenue water reduction system



Former Mutare lecturer Mr Nyamazunzo explains the solar washing machine to visitors of the stand

Creating a culture of innovation means that leaders encourage the following:

- **Rewarding innovation; even failure**
- **Fostering cross-departmental teams to solve problems.**
- **Clearly defining problems that must be addressed.**
- **Understanding your customers (students).**
- **Providing time for unstructured time.**
- **Encouraging prototypes.**

The ideation culture in institutions if developed in total can lead to:

- cognitive processes taking place in the brain during learning - identifying and developing abilities, skills, and competencies. These include improving attitudes, dispositions, behaviors, motivation, self-assessment, self-efficacy, autonomy, as well as communication, collaboration, engagement, and learning productivity.

- raise the quality of teaching, we want to enhance teacher education, professional development, and life-long learning to include attitudes, dispositions, teaching style, motivation, skills, competencies, self-assessment, self-efficacy, creativity, responsibility, autonomy to teach, capacity to innovate, freedom from administrative pressure, best conditions of work, and public sustenance. As such, we expect educational institutions to provide an optimal academic environment, as well as materials and conditions for achieving excellence of the learning outcomes for every student (program content, course format, institutional culture, research, funding, resources, infrastructure, administration, and support).

- Modification of the process: innovation that significantly alters the process, performance, or quality of an existing product (e.g. accelerated learning (AL), charter school, home schooling, blended learning).

The article is based on the writer's opinions and believes that it will enable and water the minds of innovative staff and students to be motivated.



Engineering Division - Mutare Polytechnic



MUTARE POLYTECHNIC

Founded in 1948 as a surrogate institution of Salisbury Polytechnic, Mutare Polytechnic is considered one of the best polytechnics in Zimbabwe renowned for its hands on approach embedded in the heritage based philosophy of using locally available resources and Education 5.0 which looks at teaching, research, community service, innovation and industrialisation. These pillars of learning thrive to translate the institution's ideas into tangible products that improves development and service delivery at the institution and beyond.

Conductive Environment

Nestled in the beautiful eastern border city of Mutare; a city which boasts cooler temperatures throughout the year and picturesque Eastern Highlands mountains which makes Mutare Polytechnic a perfect institution for tertiary education.

Moreso, its campus is within a walking distance from the Central Business District, making it convenient for students to access services like banking and shopping.

Mutare Polytechnic offers fully furnished student accommodation with reliable internet connectivity which enables students to access scholarly and academic resources both virtually and physically at the institution's information centre. Student meals are offered at the campus dining hall. The evolution of our institute over the past decade has witnessed a strong blend of state of the art infrastructure and intricately intertwined with human resource committed to providing the best education anchored on creativity and innovation.



Courses Offered

With more than 3 500 students pursuing various Zimbabwe's Higher Education Council (HEXCO) courses in —engineering, applied arts and sciences, civil and construction, commerce, information management systems and research education enterprise development— the graduates are able to address economic concerns using their acquired skills. These courses are offered on full or part time and block release basis at National Certificate, National Diploma and Higher National Diploma levels.

Mutare Polytechnic's location gives it unique research strengths that are hard to replicate elsewhere, with high access to vast raw timber resources as such the institution continues to train technologists, through its two Bachelor of Technology degree programmes in Wood Technology and Construction Engineering in collaboration with the National University of Science Technology (NUST). All the programmes are designed to make industry happen.

Driven by Research

Impetus for research, Mutare Polytechnic is always thriving to make Zimbabwe and the world at large better places. The institution has dedicated 5% of its annual budget towards research. The work of these researchers has a real impact on society as they provide solutions to real problems faced by communities, hence the need for adequate funding. The institution's research leads the way in the field of applied research. The aim of the research is to unlock human potential at the same time creating wealth and sustainable socio economic growth for industrialisation and modernisation. This is demonstrated through Mutare Polytechnic Research Association and the Innovation and Technology Department.

Work Related Partners

The institution's strong links with industry connect students with work integrated learning opportunities to ensure that they are work ready.

Partnerships

Mutare Polytechnic values and is open to creating partnerships in its training as these linkages allow cross pollination of mutual, cultural and business ideas as well as programmes and development. Currently it is in partnership with Zimbabwe Prisons and Correctional Services and the Zimbabwe government's Climate Change Management Department National Ozone Unit.

Agro-business

The institution has a thriving agro-business which includes poultry, rabbit, cattle and goat rearing, maize, cow peas, bananas and vegetable farming. This has helped to improve the student nutrition as most of the products from the farm have been channelled to the student canteen. The institution will be self sufficient and able to feed both students and staff and in future have excess to supply to the economy thus contributing to food security.



Cultural Diversity

The institution embraces cultural diversity, it is unashamedly the polytechnic of the land and for the people of the region and this has seen Mutare Polytechnic attracting a number of regional students especially from the Southern African Development Community (SADC). The institution's vibrant regional student community is attracted particularly to the multicultural character of the Manicaland province and the institution is looking to attract more students beyond the SADC region.



Extra-Curricular Activities

There is an ample of scope in co-curricular activities at Mutare Polytechnic wherein students are encouraged to show their talents. Mutare Polytechnic ensures that students prove themselves to be not only well qualified engineers, entrepreneurs, competent leaders, innovative scientist and researchers but also very healthy citizens. These sorts of opportunities do not come again cheaply or conveniently again, once you get a job you will have much less time to enjoy your hobbies.

The entire atmosphere of Mutare Polytechnic is glued together by family spirit, which promotes collaboration and cooperation creating industry ready, globally competitive students who are socially acceptable.



The 'new normal' for student life on and off college campus



Dean of Students Mr Aaron Dhliwayo

By Staff Reporter

The coronavirus pandemic has disrupted in-person education and student life on campus. Student Affairs Division (STAD) has put some measures to ensure the safe and conducive environment for both students on and off campus.

Mutare Polytechnic Dean of Students, Mr Aaron Dhliwayo said COVID-19 had fundamentally changed how students lived, learned and interacted while on and off campus.

"COVID-19 has affected each aspect of student daily life and this new normal seemed to have changed almost overnight. Students were used to certain habits of interaction but now that has changed.

"Students used to participate in sports activities, clubs but that has changed due to COVID- 19. We discourage them to be in large groups be it at the canteen, lectures, accommodation. Therefore, these life adjustments can be tricky for students and can bring on a wide range of experiences and emotions," said Mr Dhliwayo.

As a mitigation factor the Student Affairs Division (STAD) was providing guidance and counselling to students so that they could be able to go through the transition phase to a new normal.

"The new normal requires agility, new habits and staying open-minded. Therefore as the student affairs department we are offering guidance and counselling to our students on how to adapt and embrace the change be it in lectures or other social circles." he said. Although there were challenges to ensure that students observed the Covid 19 rules and regulation the college always encouraged to mask up, sanitize, social distance and being vaccinated.

"Our students are now adjusting to the COVID-19 rules and regulations, although it's a challenge but we always encourage them to observe them. Students are also encouraged to be vaccinated and so far we have 47% as of July 2021 of our resident population," said Mr Dhliwayo.

One of the resident student NC Secretarial, Sharon Nezoma told the Pacesetter that life on campus had changed drastically and making adjustments during and after COVID-19 required news soft skills, an open mind, and new habits, in and out of the lecture rooms.

"Life on campus has completely change. We no longer do things in the same manner that we did before Covid 19. Physical interactions are now difficult, we can nologer shake hands and hug each one and wearing a mask always is horrendous," said Nezoma.

"My entire learning now lives inside my phone or laptop when I am are off campus. The interactions and relationships I have with people have become virtual. I can attend class, talk to a friend, and do assignment by connecting through Google Class or Moddle. Maybe I can say this is the new 'virtual campus'".

Although there were some challenges that might be encountered like poor or internet connectivity, inadequate learning gadgets and lack of accessibility to digital learning, she said, learning was slowly stepping outside the "traditional" college learning environment to a 'digital' learning campus as a result of COVID-19.



Student Affairs wardens



Seated Mr N Mangobe, Principal Ms P Watema, Facilitator Mrs E Dekune Standing Lecturers in Charge

New Leaders to embrace NDS1

By Staff Reporter

New leaders who were appointed to posts of responsibilities attended a three day Leadership and capacity building workshop in May 2021 at Zimbabwe Institute of Public Administration and Management (ZIPAM), Darwendale.

The new leaders were appointed to the posts of Heads of Division, Heads of Departments and Lecturers in Charge.

In her welcome remarks during the workshop, Mutare Polytechnic principal, Ms Poniso Watema encouraged the new leaders to execute their duties diligently as the institution had realigned its operations to National Development Strategy 1 which emphasises on tangible results.

"The executive management welcomes you to your new posts of responsibilities and has put its trust in you that each one of you would execute his or her duties diligently with minimum supervision and at times no supervision at all. You also come at a time when the

institutions' strategic plan has been aligned to the National Strategy 1 mantra where everyone is expected to produce results," said Ms Watema.

The then Acting Deputy Director Tertiary Education Programs (TEP) in the Ministry of Higher Tertiary Education, Innovation Science and Technology Development, Mr Christopher Mudzigwa congratulated the new leaders on their appointments and urged them to work hard in their new posts of responsibilities.

In his presentation, Mr Mudzigwa took through the new leaders the Ministry's doctrine of Education 5.0 and its pillars as well as the fourteen pillars of National Strategy 1.

He said institutions of higher learning were falling under the Human Capital pillar.

"We are expected to contribute to the President's Vision 2030 of becoming a middle upper class economy by 2030

and we can do this by contributing to the NDS1 on Human capital which is one of the fourteen pillars," said Mr Mudzingwa.

Other capacity building presentations were also made by various presenter on Communication, Time Management, Grooming and Deportment, Acts of Parliament and Statutory Instruments and Module Writing

In her closing remarks, Ms Watema quoted the infamous playwright, wordsmith William Shakespeare on not fear greatness:

"Some are born great, some achieve greatness, and some have greatness thrust upon them."

"It does not matter how you acquired your greatness but the most important thing is to know that you are great leader," said Ms Watema.



Seated Mr N Mangobe, Principal Ms P Watema, Facilitator Mrs E Dekune. Standing Heads of Divisions



Seated Mr N Mangobe, Principal Ms P Watema, Facilitator Mrs E Dekune. Standing Heads of Departments

Poly holds Strategic Planning workshop

By Staff Reporter

Poly holds Strategic Planning workshop
Mutare Polytechnic senior management attended a three day 2020 Strategic Performance review and realignment of National Development Strategy 1 (NDS1) workshop in December 2020 at Mushandike Wildlife, Masvingo.

The workshop was aimed relooking at the achievements and shortcoming of the previous academic year; at the same time realign the institutions' operations with NDS 1.

Principal, Ms Poniso Watema said the event came at a time when the institution had experienced an unprecedented situation with the global COVID-19 pandemic.

Teaching and learning had changed fundamentally.

The COVID-19 lockdown presented a set of unprecedented challenges that could not have been foreseen.

"Last year, the institution planned and set objectives to guide us through 2020. Who knew that there will be lockdown due to the COVID-19 pandemic? This closure resulted in us failing to achieve some of our set objectives. However, I am immensely proud to say as Mutare Polytechnic we pulled together to address those challenges," said Ms Watema. "I, therefore take this opportunity to say

that during this strategic performance review and realignment of National Development Strategy 1 workshop we will come up with strategies that will assist us as an institution to adapt to the new normal and at the same time achieve our set objectives".

Ms Watema said she hoped the workshop would bring new insights to Mutare Polytechnic work as the country live in the new era of COVID-19.

"As usual I am sure that we will use the workshop to share and exchange our experiences but at the same time candidly question our methods of work and the yardsticks we use to measure success.

"With the devolution of powers, the province is mandated to monitor and evaluate our performance as an institution, hence as management we should put in place mechanisms to monitor and assess ourselves by applying the reporting and monitoring systems that we have discussed in the past" she said.

One of the presentations during the strategic planning was on National Development Strategy 1.

The purpose of the presentation was to acquaint participants with the new government strategy aimed at realising

the country's Vision 2030, while simultaneously addressing aspirations of the Sustainable Development Goals (SDGs) and Africa Agenda 2063.

In his presentation, Acting Director Tertiary Education Programmes (TEP) in the Ministry of Higher Tertiary Education, Innovation Science and Technology Development, Mr Christopher Mudzingwa said the blueprint was the successor to Transitional Stabilization Programmes and was the 5 year medium term plan.

Mr Mudzingwa said NDS1 marked the departure in planning approaches with the full adoption of the Integrated Result Based Management (IRBM) system, complemented by the public sector reforms (PSR) through the whole of Government approach.

"NDS1 is result based it requires tangible results and no one left behind including Mutare Polytechnic. Monitoring and evaluation of our institutions will be done at provincial level. Therefore, I encourage everyone to work hard and produce tangible results for your institution," said Mr Mudzingwa.

Public Service Commission trainers, Mrs Mukono Moyo and Mr Gono took participants through the realignment process of institution's strategies to NDS1.



Strategic Planning Workshop Participants

Lecturers attend First Lady Function



Gota



Nhanga

By Staff Reporter

Lecturers attended Zimbabwe's First Lady, Amai Auxillia Mnangagwa function held in Rusape in August 2021.

The function was the brain-child of the First Lady and placed emphasis to educating the girl and boy child on the use of nhanga and gota.

The two day event was running under the theme Nharirire yomusha.

One of Mutare Polytechnic lecturer who attended the function, Mr Aaron Dhliwayo said male and female guests at the function were challenged to come up with good qualities of Zimbabwean male role father and female role model in a standard family set up respectively.

"On the next day of the function boys were taken up to cultural set up of gota and girls were taken to nhanga. These cultural setup provide space for both girls and boys to be mentored ,learn, empowered and be advised on

transition to adulthood and what they are expected to do when they become fathers and mothers," said Mr Dhliwayo.

He said the program was timely because youths were becoming rowdy and they needed to be taught and be given direction by the elders.

"During this function the First Lady Amai Auxillia Mnangagwa emphasized the importance of preserving our culture in grooming the upcoming generation as well as observing the COVID 19 protocol in the new normal," said Mr Dhliwayo.

The function was attended by traditional chiefs, local leadership and representatives from government departments across Manicaland Province.

The Nhanga/Gota/Ixiba is part of the First Lady, programs in all provinces.

Poly members tour Indo- Zim Technology Centers

By Staff Reporter

Mutare Polytechnic Principal, Ms Poniso Watema and the college senior management toured two Indo-Zim Technology centres in Harare in August 2021.

The Principal was on the familiarisation tour of the Indo-Zimbabwe (Indo-Zim) Technology centres. The Tools and Die is at Harare Institute of Technology (HIT) Workshop and India Africa Innovation and Business Incubation center in Waterfalls.

Two other technology centres established in Manicaland established by Indo Zim will be running under Mutare Polytechnic.

Ms Watema said the purpose of the tour was to familiarise with the operations of these centers which include designing and production of products. She said this will help in kick starting similar technology centers established under Mutare Polytechnic in Manicaland.

“Following the donation of state of the art equipment by Indo-Zim, one technology centre will be housed at Mutare Polytechnic and the other in Chimanimani. After this tour we will ensure that installation of the machines is done so that we will be able to start running these projects,” said Ms Watema.

Ms Watema said the students, youths and Small to Medium Enterprises (SMEs) in the community would benefit immensely from these centers as they would be able to use the state of the art machines to produce their products.

“These centers will benefit our students, youths and some of SME's in Manicaland community because they will be able to use the equipment to design and produce goods. We all

know that in most cases they do not have the equipment to start their own businesses, hence this will be an opportunity for them to start their own businesses using this equipment. The use of the equipment is at a minimum fee,” said Watema.

The Deputy Director, Innovations and Business Incubation Unit at Ministry of Higher and Tertiary, Innovations Science and Technology Development, Engineer Eriaere Munyaradzi said the Indo-Zim Technology centers project would provide training for youth, aspiring SMEs and students from various technical institutions.

“This project would benefit students at vocational training institutions specializing in printed circuit board manufacturing, tool design, computer aided design and manufacturing and quality control,” said Munyaradzi.

Head of Department Mechanical Engineering at Mutare Polytechnic, Mr Guyford Muchayakanyi said some of the donated machines included, HMT High Speed Precision Lathe, Turret Ram Type Milling Machine, MIG Welding Equipment and Mechanical Power Press.

“These machines are conventional lathes, milling, MIG Welding and power pressing. People from industry, SME's and students from various trades can use these machines at a minimum cost and they can realize maximum profits for the products produced,” said Muchayakanyi.

In 2009, Zimbabwe and India launched a \$5 million Indo-Zim project for the development of SMEs in the country through commissioning of state of the art manufacturing technology centres.



Indo - Zim Technology Centres picture collage

Science Technology Department in sanitizer production

By Staff Reporter



Head of Department Science Technology
Mr Tapiwa Gavaza

As the world continues to grapple with the spread of COVID-19, Mutare Polytechnic started the production of Personal Protective Equipment (PPEs) and sanitizers in 2020 in response to fight against Covid 19.

Production of hand sanitizers by Mutare Polytechnic kicked off in March 2020 in

response to President Emmerson Mnangagwa's call for local institutions of higher learning to provide solutions for the country's challenges.

The Polytechnic joined anti Covid fray after sourcing 10 000 litres of ethanol from Tongaat Hulett.

Mr Tapiwa Gavaza who is Head of the Applied Science department said the production capacity of the chemical plant was set at 30 000 litres per day for sanitizers will supply Manicaland province as the battle to contain the spread of the novel virus.

The hand sanitizer was packaged in 750 ml, 5-litre bottles and 20 litres to cater for individual, household and institutional consumers.

"We have also diversified our production to include

detergents like dishwasher, toilet cleaner, bleach and disinfectants. These are being sold at affordable prices to individuals and organisations and we call on all our potential customers to visit Mutare Polytechnic for purchases," said Mr Gavaza.

On the other hand the Chemical Plant has helped in the alleviation of attachment places for students especially those in the Science and Technology.

Mutare Polytechnic Science and Technology student, Karen Kambarami said COVID-19 induced lockdown made it difficult for her to find attachment elsewhere, hence the production of sanitizers and other disinfectants provided her with the opportunity to be attached by the college.

"Due to the prevailing environment, I could not get attachment in other companies as some companies were laying off some of their workers and scaling down on production, they could not take interns. So this chemical production provided an opportunity for me and four of my classmates to be attached here," Kambarami said.

"Together with my colleagues we are now able to put into practices what we learnt in class. We can now produce sanitizers, detergents and disinfectants. With the experience and skills that we are gaining, we would like start up our own businesses after graduating".

Mr Gavaza said a total of ten students had been attached to the chemical plant since its inception. Other students from various learning institution were being attached to different department the college.

Mutare Polytechnic clothing department also produced face masks in collaboration with the University of Zimbabwe.



Poly constructs Biogas digester

By Staff Reporter

Mutare Polytechnic has built a ten cubic meter bio gas digester in conjunction with International Labour Origination.

The biogas digester was built early this year and it will help to cut the cost of electricity bill for the college.

Mutare Polytechnic, Head of Division Civil and Construction division, Mr Maxwell NemaKonde said the construction of the small biogas digester at the campus first was just a model then embark on the construction of a bigger one at institution's farm in Vumba.

"We have constructed a small biogas digester model at the campus. In the construction of this biogas digester we worked with Green Tec Energy because we did not have the expertise in biogas digester construction," said Mr NemaKonde.

The project was fully funded by International Labour Origination (ILO) as a part of the biogas digester installation course.

"Building and science and technology students were involved in the construction of the biogas digester model. This involvement will give them the opportunity to be first crop of Biogas Digester installation students. We hope to start the course in full swing next year," he said.

"More so, biogas digester model does not really give us more biogas. It can only power fewer appliances and lighting, but when we construct a thirty cubic meter biogas digester we then expect an increase in the gas production" said Mr NemaKonde.

Mr NemaKonde said they had done a study and observed that the college had enough bio degradable material that would ensure the continuous supply of the feedstock for the big biogas digester that would be constructed at the college farm.

ILO has since embarked on the Green enterPrize Innovation and Development in Zimbabwe for Green Jobs so the knowledge will be transferred to communities.

The project is set to be allocated funding in the 2022 budget.



**Head of Division Civil & Construction
Mr Maxwell NemaKonde**



Biogas Digester construction in progress

Poly embraces Programme Based Budget System

By Staff Reporter



Accountant
Mr Tawanda Chinganga

Mutare Polytechnic has embraced a Programme Based Budget (PPB) system introduced by Government.

Speaking to Mutare Polytechnic senior management during a mini workshop held in September 2021, Mutare Polytechnic Accountant, Mr Tawanda Chinganga said the programme based budgeting system uses the budget as a tool for making public management more results focused.

The previous budgeting system used was not user friendly and everything was mixed together as compared to the new programme based budgeting.

Mr Chinganga said explained to staff how the programme based budgeting system works.

“What you do is you identify the your core programmes and they a budget is allocated to that programme and in any case if that funds are transferred to another programme it is visible. In case of Mutare Polytechnic we have are Human Capital, Corporate Governance and Innovation and Industrialisation as our programmes and we are going to budget for each programme,” said Mr Chinganga.

After the training workshop Heads of Divisions and departments worked on their departmental 2022 program based budget for onward submission to the Accountant.

Poly benefits from Agro business

By Staff Reporter

Mutare Polytechnic has started reaping benefits from its agro-business venture to boost student canteen provisions as well as engender food security.

Mutare Polytechnic Business and Development officer, Mr Stanford Chawonza said the institution had a thriving agro-business which included poultry, rabbit, cattle and goat rearing, maize, cow peas, bananas and vegetable farming.

“The agribusiness venture has helped to improve the student nutrition as most of the products from the farm have been channelled to the student canteen. The institution will be self-sufficient and able to feed both students and staff and in future have excess to supply to the economy thus contributing to food security,” said Mr Chawonza.

Recently the institution has utilized the space behind student hostel to plant vegetables like cabbage, tsunga, onions and covo.

“We calculated and have seen that the college is saving around 500 US \$ per month by growing its vegetables,”
he said.

Mr Chawonza also added that a greenhouse for other horticulture produce was underway.



Business Development Officer
Mr Stanford Chawonza



Success for Mutare Poly Graduate

By Taurai Dhlwayo

Mutare Polytechnic graduate has managed to penetrate the Commercial Design industry by starting his own printing and branding solutions company in Mutare.

Speaking to The Pacesetter on his success Shadreck Jeche 33 the owner of Haben Lutalo said it all started as a dream in 2002 and in 2019 the dream finally became a reality.

I was always interested in Art from a tender age and this led me to enroll for a National Certificate in Art and Design and later on a National diploma in Commercial Design at Mutare Poly. This was in 2010 and 2011 respectively. The skills that are acquired during my training and the experience that I acquired during attachment and the time I worked in industry inspired me to start my own business.

I was attached at Coresigns, a company into graphics and signage and later on moved to Universal Studios where I also got the experience in photography and videography. After graduating I worked at a printing house here in Mutare but this did not satisfy me I always wanted to be my own boss.

Haben Lutalo Company started with only one laptop, bizhub lesar printer and one employee who is myself and was housed at a small office along Herbert Chitepo. But, today it has grown tremendously beyond a one employee, one office room business to a bigger space in July 2021 with several printers, cutters and other office business equipment.

I am also happy that Haben Lutalo has managed to purchase a new large format banner printer in August 2021. Haben Lutalo has a wide base of its clientele in Manicaland and hopes that in future clients will be coming from all over. Haben Lutalo offers a wide range of products from designing, printing, photography, video filming and branding all under one roof.



Owner of Haben Lutalo,
Shadreck Jeche

Covid-19 affected most business and this did not spare us but Haben Lutalo is grateful to loyal customers who are always with them even during difficult times as these above all the Almighty.

The secret behind the success of Haben Lutalo is that we value our customers and we follow one of the principles of customer care that says customer is king. We also run promotions for our customers to ensure that we retain our customers. For instance we ran a Happy hour promotion in August for our customers where we offered them a discount on all colour printing services. By so doing we are also increasing our increase our visibility in the market as we run such promotions.

H a b e n
Lutalo is
located at
number
28A Park
Court, 14th
Street,



Team Haben Lutalo

Students engaged in Maintenance and Construction works

By Staff Reporter

Mechanical, Electrical and Construction Engineering National Certificate 3 (NC3) students were engaged in more hands-on approach to compliment theory by doing various maintenance work at the institution during lockdown. Speaking to The Pacesetter, NC3 Machinshop Engineering student, Robert Maumba said as NC 3 students they saw it fit to be engaged in college maintenance work rather than staying at home doing nothing during lockdown.

"My colleagues and I thought it was wise to be engaged in college maintenance works rather than staying at home doing nothing. During the lockdown we have been machining some spare parts for lathes, shaping and milling machines. These are some of the machines that we use during training,

"Such maintenance works have provided us with the opportunity to gain experience, continuous sharpening of skills as well as preparing us for our trade testing." said Maumba.

Another NC3 Fabrication student, Chibore Kunouyeyi Manatsa, said being engaged in college maintenance work had given them the opportunity to bring their ideas and designs to life.

"We have managed to implement some of our ideas. We have designed and fabricated palisades for the durawall, burglar bars, and spikes for the razor wire and storage shelves for college stores departments.

"There are eight of us and we have plans to start our own businesses if we get startup capital .We have the ideas and skills to enable us to do that," said Manatsa.

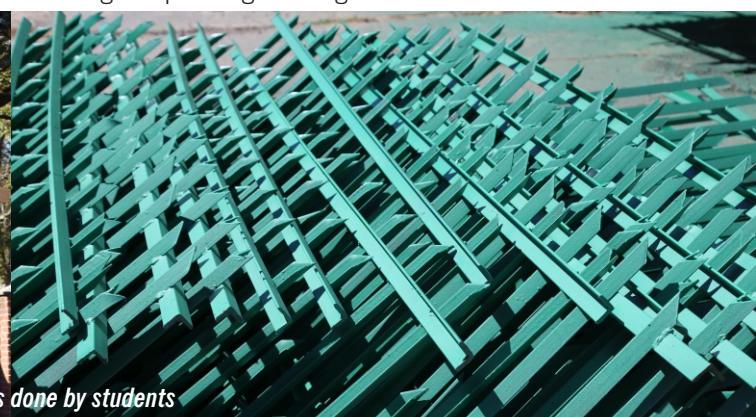
Students from the Construction department were also involved in the construction of the college main gate, guardroom, biogas digester, hostel perimeter wall, tiling and painting of college house.



Students from various departments picture collage



Some works done by students



Poly, Ministry of Environment, Climate, Tourism and Hospitality Industry signs MoU



Climate change Management representatives hands over laptop to Mutare Polytechnic representative

By Charity Mambondiyani

Mutare Polytechnic signed a Memorandum of Understanding (MOU) and Donations with Ministry of Environment, Climate, Tourism and Hospitality Industry (MECHTI) through the Department of Climate Change Management- National Ozone Unit in 2021.

In her speech read on her behalf by Acting Vice Principal, Mr Farai Nyakurimwa, Principal Ms Poniso Watema said the signing of the MOU and Donations was important to both parties as it would produce field technicians who were environmental conscious.

“In line with our Ministry's doctrine of Education 5.0 for industrialization and modernization of the nation. The philosophy nurtures the young motivated, responsible, highly principled and progressive innovators who persistently learn and are heedful of the current and future technology. This partnership will go a long way in training and capacitating the Refrigeration and Air Conditioning (RAC) technicians in

'Good Refrigeration Practices' as well as safe use of flammable refrigerants such as Hydrocarbons,” said Ms Watema.

MECHTI has been demonstrating strong support for Mutare Polytechnic over the years.

“This relationship dates some years back whereby the Department of Climate Change Management –National Ozone Unit has been conducting refrigeration and air conditioning workshops here. And time has come now for this relationship to develop into a 'marriage' for the next five years,” said Ms Watema.

Director of Climate Change Management Department, Mr Washington Zhakata said the signing of the Memorandum of Understanding had brought a mutual relationship which would prevail as stated in the document.

“With the signing of the MoU strengthens the relationship between Mutare Polytechnic and Ministry of Environment, Climate, Tourism and Hospitality Industry through the

Department of Climate Change Management- National Ozone Unit. Both parties will have to fulfill their obligation so as to see the success of this partnership,” said Mr Zhakata.

National Ozone Unit Project Manager, Mr George Chaumba handed over a first schedule donation of an LCD projector and an HP laptop.

Receiving the donation, Head of Department Mechanical, Mr Guyford Muchayakanyi said the teaching and learning equipment would contribute to the adaptations by both trainees and trainers in the use of ICTs.

Moreso, Mr Muchayakanyi said, it's high time the country had technicians who took action to combat climate and its impacts.

“It is through these partnerships that we can improve corporate awareness on dangerous substance emissions and reduce them down to zero by 2050 as advocated in the sustainable development goals,” said Mr Muchayakanyi.



RAC Conducts Workshop

By Guyford Muchayakanyi



Head of Department
Mechanical Engineering
Mr Guyford Muchayakanyi

Mutare Polytechnic Refrigeration and Air Conditioning (RAC) lecturers conducted two training workshops for Manicaland technicians in August and October 2020.

The workshop was an awareness campaign on the safe use of Hydrocarbon refrigerants for both technicians who are in the formal and informal sector.

Speaking during this workshop, one lecturer in the RAC section, Mr Guyford Muchayakanyi said the workshop was conducted in conjunction with the Ministry Of Environment Climate, Tourism and Hospitality Industry through the Department of Climate Change Management- National Ozone Layer Unit supported by Gesellschaft für Internationale Zusammenarbeit (GIZ) Proklima.

"We are conducting this workshop in conjunction with the

Ministry of Environment Climate, Tourism and Hospitality Industry through the Department of Climate Change Management- National Ozone Layer Unit and this is supported by GIZ on issues of climate change. Refrigeration technicians should be environmental friendly conscious. By the end of the four day training workshop the participants should be able to know the different types of refrigerants that can replace Chloro Fluoro Carbons (CFCs), Hydro Chloro Fluoro Carbons (HCFCs) and Hydro Fluoro Chloro (HFCs) as well as to adopt HC technology as the best environmentally sound technology though flammable," said Mr Muchayakanyi.

The National Ozone Project Manager Mr George Chaumba, guaranteed the participants that the expectations would be understood better since the topics ahead of the program contain enough and relevant content to address the expectations.

A total of forty technicians were trained during this workshop.

In a similar training workshop thirty RAC technicians were also trained from Masvingo region at Masvingo Polytechnic by Mr Charles Munatsi together with Mr Muchayakanyi in an effort to spread the Hydrocarbon awareness campaign.

Mutare Poly lecturers attend ToT workshop

By Staff Reporter

Mutare Polytechnic Refrigeration and Air Conditioning (RAC) lecturers attended a Training of Trainers (ToT) workshop from 21 -25 September 2020 at Joshua Mqabuko Nkomo Polytechnic, Gwanda.

Mr Guyford Muchayakanyi said, the main objective of the ToT workshop was to expose the RAC lecturers and industrialists to the modules completed by our colleague's in South Africa at Air Conditioning and Refrigeration Academy (ACRA) in 2018 and 2019 respectively.

Participants were asked to give recommendations which will be used for curriculum development.

The National Ozone Project Manager in the, Ministry of Environment, Climate, Tourism and Hospitality Industry, Mr George Chaumba said recommendations given by the practitioners can be used in curriculum development.

"The recommendations made at the end of this workshop will assist in curriculum

development so as to be in line with the current technological changes in support of the ongoing 4th industrial revolution. They will also help equip the lecturers with the relevant skills for information dissemination and skills transfer during lectures," said Mr Chaumba

The ToT workshop was arranged by the Ministry of Environment, Climate, Tourism and Hospitality Industry in conjunction with United Nations Environment Programme (UNEP).

HR TALK with Ms Rosemary S.Mvere



Area of Improvement

Innovators are needed by every organization, however they need to come up with action plans in order to fully execute their ideas. I have observed that they have a tendency of embarking on another idea before fulfilling the first ones. There is need for them to work with executors in their team in order to implement what they have in mind. Teamwork is important.

2.INSPIRATIONAL

Inspirational employees are inspired by work. They value that they spend most of their time at work, hence they are self-motivated and committed to work. They love their job despite the toxic environment. They always smile, with full of energy and believe they can always make it.

Area of improvement

However, inspirational employees should improve on producing quality outputs and producing reports on time. It is not a matter of just being inspired but execution of duties properly.

3. ALL IN ONE

These types of employees are rare to find. They are all-rounders and have almost all the skills required in executing their duties. They are good in communicating ideas, deliver duties well and are good innovators thereby improving the performance of the team.

Area of improvement

The team is advised not to be jack of all trades. There is need to focus on two or three things you are very good at and master the skills in terms of career growth.

4. NEGATRON

These types of employees always lookout for things to complain. They are always unhappy with everything. In most cases

they bad mouth (gossip and lies) the institution to colleagues and even to friends outside of work.

Area of improvement

There is need to find something good in leaders including the office. Be kind to everyone and do not do to others what you don't want others to do to you.

5.TRADITIONAL

They are always in the office performing good job but they are not willing to innovate or even suggest new ideas and insights to the team. They are on average, they respect working hours, core workers and they do not complain or bad mouth.

Area of Improvement

There is need for these types of employees to aim higher and become the best performer of the institution. It is wiser to set career goals as early as the first quarter of the year in order to achieve more in less time.

6. CHANGE RESISTERS

These are people who oppose change, whether it is normal exchange of tasks between one person and the other. Their 'comfort -zone' mindset paralyses them which affects their productivity and work performance. They are typically afraid of the future, thus not helping them concentrate on their present work.

Area of Improvement

There is need for them to be equipped with the new trends and strategies brought by new changes in the institution. There is also need to battle fear with faith that the future is brighter.

Ms Rosemary S.Mvere is the Head Human Resources at Mutare Polytechnic.

Human Resources is a huge part of what makes organisations tick. In this edition of the magazine we are going to talk about Possible Types of employees and their areas of improvement. I hope the reader finds it informative and know how to relate with others at the workplace.

Do you know that in every organisation or institution, we have different types of employees and institutions are bound to have some if not all types of employee that are discussed in this article? It might be you, your office mate or even your supervisor. It is therefore imperative to know the type you are or your workmate or supervisor is and assist each other in areas that need to be improved for the betterment of the institution or organisation.

In an organization we have the:

1. INNOVATORS

These employees are very initiative and bring in new ideas, strategies and possible solutions. Their creative thinking helps the team to move forward. They help the institution in minimizing risks caused by wrong or poor decisions.

Staff join Cultural Week Celebrations

By Staff Reporter

Mutare Polytechnic joined the rest of the nation in commemorating this year's Culture week. The Ministry of Higher and Tertiary Education, Innovations Science and Technology Development set aside 19 May 2021 as a dedicated day for institutions of higher learning to celebrate cultural diversity.

Speaking to The Pacesetter, Mutare Polytechnic Principal, Ms Poniso Watema said the Ministry of Higher Tertiary Education, Innovation Science and Technology Development invited all staff to celebrate culture week and 19 May 2021 was set aside as a day when staff can dress in their African attire of choice as part of the celebrations.

"Our parent ministry invited all staff to wear African attire on 19 May 2021 as part of the Culture week celebrations as we know that African attire does not constitute Public Service dress code. To celebrate this day we are dressed in our African

attire and the institution's canteen is also serving traditional cuisines on this day," said Ms Watema.

Due to Covid 19 induced lockdowns students were not present on campus for these celebrations.

Culture week is an annual event that provides the country with an opportunity to celebrate and promote creativity and cultural diversity.

The World Day for Cultural Diversity for Diversity and Development is celebrated every year on the 21st of May to deepen understanding of the values of cultural diversity.

The 2021 edition theme was 'Resilience in safeguarding creativity and cultural diversity'

The theme was aptly crafted as it honoured the efforts made to preserve culture and arts in Covid 19 pandemic that has threatened to cripple many things.



Staff in their African attire



Library embraces Technology Change



Librarian
Mrs Pretty Chibangwa

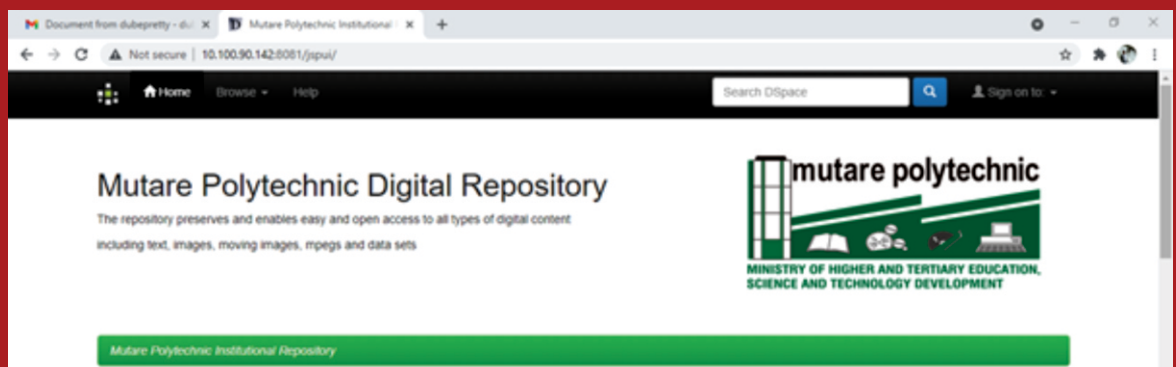
By Pretty Chibangwa

COVID-19 has changed virtually everything.

The library purchased a lot of printed resources ever since the library was established. More focus was on printed resources, which built more than 90 % of the collection. As digital era was getting momentum, the library

embraced these resources gradually, but was not in a hurry because of the status quo. Also users preferred printed resources to electronic. However, unforeseen occurrences forcibly made the library to rethink of new strategies beyond the walls. COVID-19 made all the walls and doors to be closed, raising

a question, how will users access library resources beyond closed doors and walls. Digitisation and electronic resources were the immediate solutions. The library team put heads together for this inevitable project, which they had taken slowly over the past few years. The project is still ongoing.



Library department embarks on Outreach Programs

By Pretty Chibangwa

Mutare Polytechnic library has embarked on library awareness programmes in Manicaland.

The aim of these outreach programmes is to inculcate research culture which is one of the pillars of the government's Education 5.0.

Mutare Polytechnic Librarian, Mrs Pretty Chibangwa said the Mutare Polytechnic library was giving back to communities around Manicaland through library awareness campaigns on the importance of having libraries in schools so as to meet global principles in operations. Moreso, as well as children having reading skills.

"We giving back to community by teaching schools in our

communities on the importance of having libraries in schools that meet global principles in operations. Moreso, having school libraries improve reading skills of children from a young age, the importance of using libraries as well as resources found in the library. If one has these he or she is empowered to do research, thereby coming up with societal solutions for problems encountered by their communities," said Mrs Chibangwa. She said under this program some schools had been assisted to link with Book Aid International and they had already received book donations.

The programme is being held in collaboration with Ministry of Primary and Secondary Education in Manicaland and every year in October on a set a date, schools in Manicaland come together to celebrate International school library month. During this month schools share ideas on improving Library standards and encourage school children to read on their own.



Librarian chats with Mutasa DSI, Ms Mlambo

Mutare Polytechnic mourns Friend, Advisor, 'The Teacher'

By Tambu Nyahwema

Mutare Polytechnic joined the rest of Zimbabwean polytechnics and other learning institutions in mourning Bulawayo Polytechnic Principal, Eng Gilbert Mzenzi Mabasa who passed on 27 August 2021 at a local hospital in Bulawayo.

Eng Mabasa (65) succumbed to the deadly COVID-19 related complications.

According to his Facebook post on 15 August 2021, Eng Mabasa informed his staff and students that he had tested positive to COVID-19 and had been hospitalised on 6 August 2021.

Eng Mabasa affectionately known as 'THE TEACHER' in his social circles, was a staunch supporter of Mutare Polytechnic in all its activities. To Mutare Polytechnic he was an all weather friend.

A friend of the Poly

He had become a common feature in the polytechnic's functions such as strategic planning and graduations among other events. So instrumental was Eng

Mabasa that he played a pivotal role in the composition of 'The Pacesetter' song in Kariba in 2015 during a strategic planning event.



The Late Bulawayo Polytechnic Principal
Eng G.M. Mabasa

Eng Mabasa became the biggest fan of the polytechnic and whenever he attended the institutions' functions he would sing and dance to it.

More often, Eng Mabasa would jokingly say Mutare Polytechnic people were the wisemen from the East who gave birth to those who went West (where Bulawayo polytechnic is) so we are one.

In September 2020, Eng Mabasa was appointed to the Mutare Polytechnic advisory council board. His death left Mutare Polytechnic longing for his advice and contributions to the board.

Man of many talents

Eng Mabasa was a man of many talents – teacher, engineer, pastor by anointing, counsellor, motivational speaker and artist, among others. Gidza, as his friends would call him was also a multilingual wordsmith in his own right, having mastered English (he did his studies and spent some time in the UK), Shona, Ndebele, among others.

Left all the poorer

Eng Mabasa has left a void that would be difficult to fill, strategic planning workshops and graduations will never be the same without him, and the polytechnic has been left all the poorer. We say to the teacher 'go well, hamba kahle, fambai zvakanaka – rest in peace, lala ngokuthula, zororai murugare'. Your teachings, the good times we had will forever be etched in our hearts.

Bachelor of Technology Degree Programmes

BACHELOR OF TECHNOLOGY (HONS) IN WOOD TECHNOLOGY

Entry Requirements

- Five Ordinary Level passes including English, Science and Mathematics.
- Be in possession of a Higher National Diploma in Wood Technology or equivalent.
- Be a holder of a Skilled Worker Class One / Journeyman.

BACHELOR OF TECHNOLOGY (HONS) IN CONSTRUCTION ENGINEERING

Entry Requirements

- Five Ordinary Level passes including English, Science and Mathematics.
- Be in possession of a Higher National Diploma in Construction Engineering or equivalent.
- Be a holder of a Skilled Worker Class One / Journeyman in the designated trade.

National University of Science and Technology (NUST) In Collaboration with Mutare Polytechnic



MUTARE POLYTECHNIC INSTITUTIONAL PROGRAMMES

1.0 APPLIED ARTS AND SCIENCE DIVISION				ENTRY REQUIREMENTS		
DEPARTMENT	COURSE	NC	ND	HND		
Applied Art	Music	✓			<ul style="list-style-type: none">For all NC Courses:- Five 'O' Level passes including EnglishFor all ND Courses:- :5'O' Level passes plus relevant NC qualification.	
	Art and Design	✓				
	Fashion Design	✓	✓			
	Clothing	✓	✓			
	Beauty Therapy	✓				
	Hairdressing	✓				
	Professional Cookery	✓	✓			
	Food and Beverage Services	✓	✓			
	Bakery Studies	✓	✓			
	Tourism and Hospitality Management	✓	✓			
Applied Science	Laboratory Technology	✓			<ul style="list-style-type: none">For all NC Courses:-5 'O' Level passes including English; Mathematics; ScienceFor all ND Courses:- 5'O' Level passes plus relevant NC qualification.	
	Horticulture	✓	✓			
2.0 CIVIL AND CONSTRUCTION DIVISION						
Construction	Building Technology	✓			<ul style="list-style-type: none">For all NC Courses:-5 'O' Level passes including English; Mathematics; ScienceA relevant NFC pass will be an added advantage.For all ND Courses:- 5'O' Level passes plus relevant NC qualification.	
	Painting and Decorating	✓				
	Plumbing and Drain Laying	✓				
	Carpentry and Joinery	✓				
	Construction Technology		✓			
	Construction Engineering			✓		
Wood Technology	Wood Technology (Machining and Manufacturing)	✓				
	Wood Technology (Design and Manufacturing)		✓	✓		
Civil Engineering Disciplines	Civil Engineering	✓	✓	✓	<ul style="list-style-type: none">For all ND Courses:- 5'O' Level passes plus relevant NC qualification.	
	Quantity Surveying Engineering	✓	✓			
	Water Resources and Irrigation Engineering	✓	✓			
3.0 ENGINEERING DIVISION						
Automotive	Motor Vehicle Body Repairs + Refinishing	✓			<ul style="list-style-type: none">For all NC Courses:-5 'O' Level passes including English; Mathematics; Science	
	Automotive Precision Machining	✓				
	Motor Vehicle Mechanics	✓				
	Diesel Plant Fitting	✓				
	Automobile Electrics & Electronics	✓				
Electrical	Electrical Power Engineering	✓	✓	✓	<ul style="list-style-type: none">For all ND Courses:- 5'O' Level passes plus relevant NC qualification.	
	Electronic Computer Systems	✓	✓			
	Electronic Communication Systems	✓				
	Instrumentation and Control Systems	✓				
Mechanical	Fabrication Engineering	✓			<ul style="list-style-type: none">For HND Courses:- 5'O' Level passes plus relevant ND qualification.	
	Machinshop Engineering	✓				
	Refrigeration & Air Conditioning	✓				
4.0 COMMERCE DIVISION						
Business Studies	Accountancy	✓	✓		<ul style="list-style-type: none">For all NC Courses:-5 "O" Level passes including English, Mathematics,;For all ND Courses:- 5'O' Level passes plus relevant NC qualification.	
	Banking and Finance	✓	✓			
Management Studies	Transport & Logistics Management	✓	✓		<ul style="list-style-type: none">For all NC Courses:- Five 'O' Level passes including EnglishFor all ND Courses:- :5'O' Level passes plus relevant NC qualification.	
	Marketing Management	✓	✓			
	Human Resources	✓	✓			
	Purchasing and Supply	✓	✓			
	Office Management	✓	✓			
5.0 INFORMATION MANAGEMENT SYSTEMS						
IMS	Information Technology	✓	✓	✓	<ul style="list-style-type: none">For NC Course:-5 "O" Level passes including English, Mathematics,;For ND Course:- :5'O' Level passes plus relevant NC qualification.For HND Course:- 5'O' Level passes plus relevant ND qualification.	
	Library and Information Science	✓	✓	✓		<ul style="list-style-type: none">For NC Courses:-5 "O" Level passes including EnglishFor ND Courses:- :5'O' Level passes plus relevant NC qualification.For HND Course:- 5'O' Level passes plus relevant ND qualification.
	Records Management and Info Science	✓	✓	✓		
6.0 RESEARCH EDUCATION AND ENTERPRICE DEVELOPMENT DIVISION						
Education	Further Education Trainers Certificate	✓			<ul style="list-style-type: none">For FETC course :- passes in English; Mathematics plus any other three 'O' Level subjects.For FETD course :- 5'O' Level passes plus FETC.	
	Further Education Trainers Diploma		✓			

Special Thanks to:

The Principal of Mutare Polytechnic, Management and Staff for their invaluable support and contribution.

The students, without whom this publication would have been unachievable.

Parents and guardians who support us in various means, varying in magnitude and sacrifice, yet still all prove invaluable.

Various authorities and stakeholders.

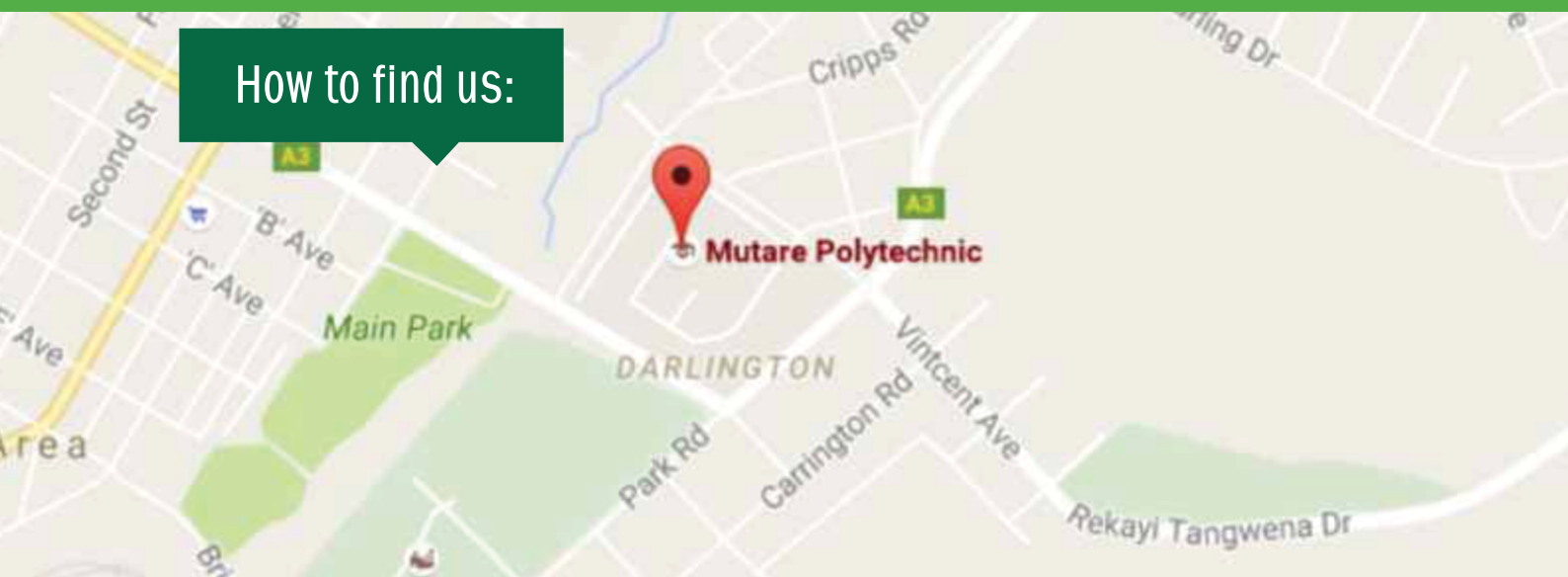
It is our hope and prayer that the publication of this magazine will help countless prospective students finalise their decisions, assist the clueless in making a wise academic choice, career guidance councilors keep abreast with current trends and requirements, and most importantly informed you of OUR existence and/or clarifies some inaccurate knowledge about us and our curriculum.

Last but not least, special thanks go to everyone who contributed in this publication by way of an article, an idea or a critique.

God bless.

The Writers' Society

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