

MADIBAZNews

News for the students, by the students

THREE! TWO! ONE! GO!

By Mbali Ngube

Whistles will blow very soon as Nelson Mandela University's Student Life and Development Department brings back the epic #CampusLifeFestival on the 25th of March 2023.

Campus Life Festival is a showcasing of Student Life and Development. The event will take place at the Indoor Sports Centre, South Campus, from 09:00 to 18:00.

The line up is jampacked with sport activities, food stalls, societies expo and the crowd's favourite formations. As the University strives on diversity and unity, if you know the Step-up movies then you will have an idea of kind of event it is that has become the crowd's favourite.

Residences such as Summerstrand Student Village and Premier Student Accommodation to name a few will partake in the formation.

The last trophy for the said event was won by Xanadu/Melodi now known as Claude Qavane and Sarah Baartman residences in 2019.

The sporting codes include football,



netball, rugby, chess, athletics, hockey, pool, volleyball, and basketball.

There are prizes to be won, be sure to check out our social media pages for more information.

NEWS

1 THREE! TWO! ONE! GO!

OPINION

3 GETTING TO KNOW DR NOLUNTU DYUBHELE

SCIENCE AND TECHNOLOGY

6 IS THE EARTH'S CORE SLOWING DOWN?

SPORTS

10 OCEAN VIEW WARMING UP FOR CAMPUS FOOTBALL

MADIBAZNews

News for the students, by the students

Administrator
Sade' Prinsloo
Sade'.Prinsloo@mandela.ac.za

Editor-in-chief
Leigh Nakeetah Jason
s219919569@mandela.ac.za

Assistant Editor
Mbali Ngube
s219043027@mandela.ac.za

Marketing
MadibazMarketing@mandela.ac.za

News Editor
Mbali Ngube
s219043027@mandela.ac.za

Sports Editor
Siyolise Gqongwana
s223501948@mandela.ac.za

Science and Tech Editor
Sonia van der Linde
s221333223@mandela.ac.za

Opinions Editor
Sikhulule Moyeni
s219991138@mandela.ac.za

Graphic Designer
Shirindza Euphonia Navotna
s221422196@mandela.ac.za

Follow us on social media



This is a student-run newspaper. The views expressed in this publication do not necessarily represent those of the Nelson Mandela University

LETTER FROM THE EDITOR

A very warm welcome from Madibaz News!

Along with our first edition culminated from the works of our existing team, we warmly welcome the new members of MadibazNews to the family and look forward to the new colors we will be adding to our pages.

With Nelson Mandela University now operating full-time, we are excited to be able to see maskless faces and meet new people, so don't be shy to smile and make friends!

To the first years, welcome to a new path in your life journey, and the beginning of your tertiary education. Remember to remain level headed and focused, but don't shy away from having some fun too! To the existing students, welcome (back) to full-time, in-lecture learning. We wish all students the best of luck with the new academic year and Godspeed.

2023 is a new year of possibilities, so please do remember to look after yourself. With graduation season upon us, we congratulate those who will be donning their caps and gowns soon, and wish them the best of luck with their future endeavors.

With my second term as Editor-in-Chief, I thank my editorial team and administrator for the overwhelming support and see a wonderful year of possibilities blooming.

Please do enjoy this edition, it was made with all the love and excitement of the existing team, preparing the soil for the newer members. Have a wonderful year everyone!

Leigh Nakeetah Jason.

GETTING TO KNOW DR NOLUNTU DYUBHELE

By Mfundo Ndimu

Dr Noluntu Dyubhele is a role model for anyone who wants to succeed through hard work and determination. Her journey from a high school teacher to a Senior Lecturer at Nelson Mandela University and a Netball Sports manager is nothing short of inspirational.

Mama, as she is affectionately known, has always had a passion for economics and empowering her students with meaningful and helpful views in the field. This passion is evident in her academic achievements, with an undergraduate degree, honours, master's, and doctorate in Economics.

Mama's expertise in the field has made her a sought-after lecturer, and her students often rave about her ability to make complex economic theories accessible and easy to understand. However, Mama's time at the university has not always been smooth sailing.

She believes that there is now less cohesion in the institution compared to its time at Vista University. She emphasizes that students need to be passionate about their studies, create room for collectivism, and help one another reach their potential.

She is adamant that student societies are essential in ensuring engagement between lecturers and students and providing practical knowledge to students. She also advises students to balance their social life and studies, as it is what is best for them.

Outside of her professional work, she is also a great mother and educator. Her children describe her as a source of inspiration and someone who is always willing to go the extra mile to support them. Mama believes



Image Source: economics.mandela.ac.za/Staff

that family support is crucial in achieving success and is grateful for the support of her loved ones throughout her journey.

Mama's inspiring story is a reminder that hard work and determination can lead to great achievements. Her transition from high school teacher to senior lecturer and sports manager is a testament to the power of education and the impact that dedicated educators can have on their students.

PLANNING AHEAD FOR POSTGRADUATE STUDIES

By Sikhulule Moyeni

Have you ever felt the weight of the world on your shoulders? The pressure to succeed and achieve all your dreams, can be overwhelming. And while we all aspire to have it all, the reality is that it's not always possible.

For many of us, getting into university is an accomplishment. We've worked hard to overcome obstacles and reach this point. But once we're here, we're faced with new challenges. One of the biggest hurdles for those who want to further their education, is finances. "How am I going to afford postgraduate studies?" It's a daunting question, but one that we need to answer if we want to keep moving forward.

The key is to plan ahead, as early as your second or third year, you should start thinking about your academic and financial goals. Work hard to maintain a minimum average of 65% or above and take advantage of all the resources available to you. Consult with your professors, department heads, and financial aid offices to learn more about scholarships, bursaries, and other funding opportunities. Also, look into websites such as Bursaries South Africa, Sasol Bursaries, FundiConnect and check the university's postgraduate.mandela.ac.za website for more information on studies and funding.

Attending workshops and information sessions can also be helpful. These can provide you with valuable insights into the application process and how to stand out as a candidate. But even with all of this preparation and hard work, there are no guarantees. The reality is that not everyone will be able to secure the funding they need to pursue their dreams. And even if you do, there will always be other challenges and trade-offs to navigate.

So, can we have it all? Unfortunately, the answer is no. Life is full of limitations. But that doesn't mean we should stop dreaming and striving for success. We need to be realistic and focus on the things that matter most to us.



Image Source: freepik.com

THE FUTURE IS SUSTAINABLE



Image Source: freepik.com

By Sikhulule Moyeni

Our planet is precious, and we all have a responsibility to take care of our environment. Countries around the world have been discussing ways to sustain mother earth through renewable energy and cutting down on the emission of powerful gases in our atmosphere. But how much effort is South Africa putting into environmental sustainability?

As someone who believes in the importance of sustainability, I found myself pondering this question for weeks. I wanted to know if South Africa was doing enough to protect our environment, and if not, what steps could be taken to change this. One of the most significant discussions happening in South Africa right now is the move from coal as a primary source of energy towards renewable energy sources like solar and wind power. This transition is crucial for the environment, as coal is a major contributor to greenhouse gas emissions. But it's not just about the environment; it's also about the people who work in the coal industry. Many people have worked in coal mines for years and depend on the industry for their livelihoods.

As we move away from coal, these workers are at risk of losing their jobs, which is a significant concern in a country where unemployment is already high at 32.7%. However, the renewable energy sector has the potential to create new job opportunities, and it is important to ensure that workers are reskilled to take advantage of them. But transitioning to renewable energy is just one aspect of environmental sustainability. There are other ways. For example, we could use waste materials to fix roads in South Africa, similar to what they do in India.

Plastic waste can be used to construct roads, create job opportunities, and contribute to sustainability efforts. Similarly, composed waste can be used to generate electricity through a process called incineration. It's essential to take a comprehensive approach to sustainability and consider all aspects of its impact. Sustainability is not just about protecting the environment; it's about creating a better future for all of us.

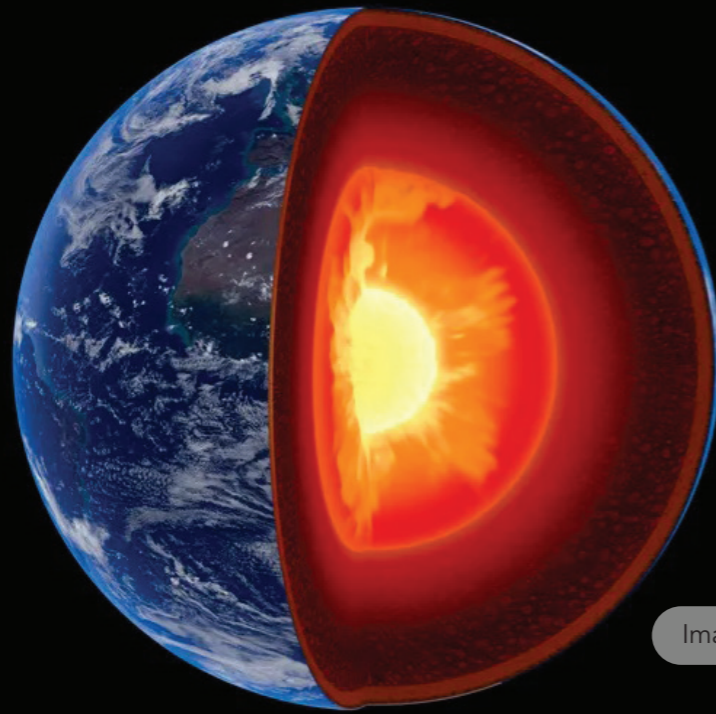


Image Source: DepositPhotos

IS THE EARTH'S CORE SLOWING DOWN?

By Sonia Van Der Linde

Seismologists from the Peking University in Beijing believe that the inner core of the Earth may be slowing down to a near full stop, which could be an indication that the rotation of the core may reverse.

This theory is based on a study done on earthquakes caused by seismic waves that was detected from 2009 to 2020, which shows less activity when compared to the seismic activities that was detected from approximately 1970 to 2000.

This lowering in activity also appeared in the late 1960s, suggesting that the inner core may undergo a periodical turning point every 70 years.

As we all know, the Earth consists of four layers; the crust, that mantle, the liquid outer core and the solid inner core, each layer affecting the others. The rotation of the inner core is theorized to be affected by the fluid motion of the liquid iron outer layer of the core, which generates Earth's magnetic field and exerts a force on the inner core, where electromagnetic coupling occurs, causing the inner layer to spin in the opposite direction.

Another theorized influence on the movement of the inner core is the stabilizing gravitational force exerted by the mantle, without which the core would uncontrollably accelerate and decelerate.

Little information is known about the Earth's core, but researchers do not believe that this slowing down and possible reversal will be harmful to surface life, but rather cause a few subtle changes, as well as help us gain a better understanding of the magnetic and gravitational forces that influence our planet.

WHO LIVES IN A PINEAPPLE UNDER THE SEA?

By Phuthego Precious Nthoke

We all know who is the answer to the title, but what if I told you that he does not live in pineapple, he does not wear a suit and tie and rarely is he square?

According to biologists, SpongeBob would not be as active as the cartoon portrays him to be but, would be sedentary like most sea sponges are. Cartoons have exaggerated and personified animal and inanimate objects to suit their story line. In reality SpongeBob would be part of the class Hexactinellid, order Lyssacosida, family Euplectellidae and genus Hertwigia.

There are over 8500 species of sea sponges that vary from size to texture and even colour. Sea sponges live to be hundreds and thousands of years old, with the oldest recorded sea sponge being 2300 years old. According to the show, SpongeBob was born in 1986 making him 37 years old, which given the life span of a sea sponge does accommodate his childish and optimistic behaviour.

Given that Bikini Bottom is situated right

under a nuclear testing site, with testing that took place from 1946 up until 1958. We can hope and dream that somewhere in that toxicity, a personified, shirt and tie wearing, square pants, jelly-fishing loving, chef sponge exists. Another interesting fact - Sponge Boy was what he was originally supposed to be called but the rights to that name were owned by a company that manufactures mops.

SpongeBob lives in Bikini Bottom, signifying his benthic environment. Benthos are bottom-dwelling organisms that live on the ocean floor as a community that consists of starfish, sponges and many other sea creatures and plants. SpongeBob Square pants may be just a cartoon to most people.

But it does have some biologically correct factors to it, watching it as a child, and again as an adult you easily understand the plot, it provides life lessons and educates us. It is certainly worth rewatching some of the episodes to bring back childhood memories.

Image Source: James Lee

HAVAL, BREAKING BARRIERS

By Phuthego Precious Nthoke

A product of Great Wall Motors, HAVAL is breaking through the South African automotive market.

It was launched during the month of March in 2013, and according to the National Association of Automobile Manufacturing of South Africa has recorded a market share of 3.8% as of January 2023.

What was once an unknown Chinese company in South Africa has become a regular sight on our roads and continues to amaze us with its unique, relatable designs, durability, and affordability.

Claiming to manufacture one of the “safest” Sport Utility Vehicles (SUV), HAVAL has its own set of completed tests, verification, and developmental systems from automobile safety, which comply to international safety standards and was also used in a series of traffic tests.

HAVAL is focused on manufacturing automobiles with parallel hybrid technology and are set to launch their leading hydrogen powered SUVs with new four modernization and technologies in 2023.

When it comes to connectivity, HAVAL has paired up with Baidu Apollo, a large artificial intelligence company known around the globe, they have equipped their SUVs with smart functions such as an intelligent voice and intelligent remote control, online navigation, Koala FM and a 4G intelligent system.

HAVAL is constantly announcing projects



Image Source: pexels.com

that will vigorously manufacture the technology needed to carry out various fields of internet vehicles, big data, ride-sharing and automatic pilot. With all these features and the enticing designs, it's no surprise that the HAVAL h2 was listed as one of the top 4 SUV's in South Africa.

From the looks of it, HAVAL will continue to grow and make strides in South Africa, as it has already surpassed ISUZU in market power. We will clearly be seeing a lot more HAVAL on our roads.

HOW SWEET!

By Akahlulwa Radana

Sugar - the main component in the making of sweets. Let's explore the different types of sugar used in some of the most world-renowned sweets, and touch on the first steps of the sweet making process.

The types of sugars that you would typically find in sweets are glucose, fructose, lactose, and sucrose. Sucrose, sometimes known as saccharose, is the most prevalent sugar in sweets. It is formed when glucose and fructose are combined to create one molecule, forming a disaccharide and is essential for producing various kinds of sweets. Supple, firm, fragile or chewy, it all comes down to the interaction of sucrose with water.

The first step in the sweet making process is cooking a sugar syrup, which is extremely important because it largely influences the ultimate consistency and structure of the sweet. You start by placing sugar and water in a pot then bringing it to the boil. When you are boiling sucrose and water, you are concentrating sugar. Until you reach the required level of sugar concentration for your particular sweet, you continue to progressively evaporate the mixture.

An excellent indicator of whether you have adequately cooked your sugar syrup is the temperature of the boiling solution. The temperature of the sugar syrup is closely linked to the concentration, in other words, the concentration of your sugar solution will increase with its temperature. Sugar syrups that are cooked at a temperature that is lower may have a syrupy consistency – think marshmallows. On the other hand, sugar syrups cooked at a higher temperature may produce sweets that are crystalline – think fudge.

Most of the sweets we enjoy depend on a well-cooked sugar syrup. So, if you are in a mood for making sweets, just be mindful of the principles touched on by this article and if you are successful – don't forget to share!



Image Source: Pexels.com



OCEAN VIEW WARMING UP FOR CAMPUS FOOTBALL

By Sesethu Thotshi

Two residence football teams from North End went head-to-head on Saturday, February 18. Ocean View Student Accommodation hosted fellow counterparts, Dynamic Student Accommodation in a fiercely contested friendly match that ended with Ocean View securing the bragging rights.

Ocean View was fully deserving of their lead at the break after dominating proceedings in the opening 45 minutes, although they should have scored more than just one goal. Ocean View created numerous chances and had their first sniff at scoring in the fifth minute, when their striker curled an effort inches wide of the post.

Ocean View's goalkeeper was called into action about three minutes later to make a routine save from a Dynamic's free kick. The action quickly switched to the opposite end again, as Ocean View forward sent a volley over the crossbar. Ocean View striker then failed to test the goalkeeper with a snapshot that flew wide of the mark. A rare foray up the pitch for the visitors saw another shot go wide of the target. The home side went into the break celebrating a comfortable 2-0 scoreline, when a shot from range went past the keeper and nestled into the back of the net late in the half.

Oceanview finally made the game safe as they relentlessly defended everything Dynamics had to offer – securing their fifth straight victory this year. The high tempo of the game did not suggest that this was only a friendly game. Having missed out on the Campus Residence League trophy last year, these two sides are definitely trying to get ahead of the competition in terms of preparation this year.

Image Source: Tshepo Motloung

MADIBAZ RUGBY PREPPED FOR VARSITY SHIELD GLORY



Image Source: Siyolise Gqongwana

By Siyolise Gqongwana

FNB Madibaz Rugby coach, David Manuel, celebrated his first anniversary as Madibaz Head Coach recently. The Capetonian born joined the Madibaz coaching panel back in November 2021, and has since won the dressing room with his vision for the team.

"He has started something special at Madibaz Rugby, and I'm extremely excited to be part of the journey," said Leon van der Merwe, who captained the side to the final of the Eastern Province Grand Challenge Cup last year. Despite bowing out of the FNB Varsity Cup, Manuel's side went on to have a fairly successful 2022. Madibaz got past a tough Harlequins outfit by a close 20-16 scoreline in the semi-final – only to be stopped by the former Super 14 champions, Progress Rugby Club, in a tight 23-15 finale.

"Winning a trophy is always a nice cherry on top, but the players worked very hard in that campaign, even sacrificing their personal time to sometimes train three times a week. So, in review of the season there's a lot to celebrate, especially in our development as a team," said the Madibaz coach. That development manifested itself when a young Madibaz team redeemed themselves by beating Grand Challenge Cup co-finalists, Progress, in one of their pre-season matches.

"Obviously, it was good to get that monkey off our back. The victory was important to confirm confidence for the boys, and make them believe that they are good enough," said Manuel, speaking on Madibaz Radio.

Madibaz Rugby is plagued by several senior-player departures this season, including that of Kyle Cyster, who moved to the University of Pretoria (Tuks). The star fullback was pivotal in Manuel's attack last year and was instrumental in the road to the final. Despite this, the coach is hopeful of a great season with his new young arrivals. David Manuel's men opened the Varsity Shield campaign with a closely fought contest on Thursday, February 16, against Tshwane University of Technology – which they won 34-31 in front of a packed Madibaz Stadium. They will play their next home game against Cape Peninsula University of Technology on Thursday, March 9.



WOMEN'S FOOTBALL AIMING TO BUILD FROM LAST SEASON

By Aphiwe Bonga

After guiding Madibaz Women's Football to promotion in 2021, Coach Niese Daniels has pulled another rabbit out of the hat in her second year in charge. The gaffer saw off tough competition in Sasol Women's League to keep their place in the prestigious tournament.

The team accomplished a major feat, last season in the Sasol League – getting past an unbeaten Sophakama outfit 3-2, and became the first and only side to beat the team. Madibaz senior player, Hildah Dikhudu, shared some of the goals the team had before the season. “The major goals we had as a team for the season were to win matches and try to finish high up on the log standings,” she said.

Additionally, the team enjoyed the perks of playing in a competitive provincial league – travelling out of town in away games, giving the ladies time to bond on the road and get to know each other a bit better. “Our confidence and a positive mindset are some of our major strengths as a team,” said Dikhudu. She went on to mention some of the lowlights of the season, and their plans to improve.

“Being relegated at the University Sport South Africa Football Tournament was a tough one to take. But we had a young team, and it was a first-time experience for most of the players,” she said. “We must get out of the B- section this year, so I think most of the players know what to expect now. A lot of commitment, training and goal setting, will be needed to get promoted back into the A-Section,” she continued.

The team had healthy competition for goals and assists between the players last season, but Odwa Gqamane ended up taking the bragging rights for top goal scorer. Dikhudu also shared their goals for the new season. “Getting the ladies to start the way they finished in the Sasol League last year would be a great start. We want to hit the ground running in the league this year and give ourselves a chance for promotion to the Hollywood Bets Division,” she concluded.