

# IAT NEWLSETTER

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## IAT Nakuru Campus – The Launch of a World Class Training Facility



*Mr. Paul Kukubo, CEO, Kenya ICT Board (right) officially opens IAT Nakuru Campus as Mr. Thomas Gitumbi, IAT General Manager, East Africa looks on.*

It was pomp and color on 4<sup>th</sup> May 2011 as IAT Nakuru Campus was launched. The guest of honor was Mr. Paul Kukubo, C.E.O. of The Kenya ICT board. Other guests included Hon. Lee Kinyanjui, Assistant Minister for roads and M.P. Nakuru Town, the Rift Valley Deputy Provincial Commissioner Mr. Wilson Olesanya, the Chairman, Nakuru Business Association, Mr. Peter Muhia, church leaders, school principals among others.

The over 200 guests were taken through the 18,000 square foot facility by IAT staff before sharing in a sumptuous cocktail to mark the birth of the 8<sup>th</sup> IAT campus. The cocktail and speeches were punctuated by the Nakuru Brass Band who entertained the guests with popular gospel and patriotic tunes.

In his speech, Mr. Paul Kukubo hailed IAT for launching a world class training facility. “The facilities in this campus are world class, better than those at some universities”, added Mr. Kukubo. He pointed out that the campus will offer training in collaboration with internationally renowned organizations including International Computer Driving Licence Foundation, Oracle, Microsoft and Comptia, hence guaranteeing quality as courses and certifications will be tested and benchmarked to international standards.

The facilities at IAT Nakuru campus consist of 18 spacious and well equipped computer labs and theory rooms, a well stocked library with e-enabled library resources and a fully fledged online testing centre, the only one of the kind in the region.

All the rooms are equipped with modern learning facilities comprising a state of the art IT infrastructure designed to deliver powerful learning experiences for all our students. The learning facilities are designed to ensure reliability and effective learning. It is designed to give the very best environment that may be found in any parts of the developed world and perhaps even better. Challenges of power interruption have been addressed by a combination of UPS and a backup generator. To safeguard against infrastructure security risks the campus has a thin client server based network using the N- Computing technology. All the computers in the Centre are connected to broadband Internet to augment research and the library.

Hon. Lee Kinyanjui, himself an alumni of IAT, told the residents of Nakuru and surrounding counties to prepare to reap the benefits of Nakuru's economic boom through education. He advised them to enroll for the various courses offered at IAT Nakuru Campus so that they can have a competitive advantage in the job market.

According to Mr. Thomas Gitumbi, IAT's General Manager East Africa, the Campus has been set up with the intention of providing the best quality education.

IAT Nakuru campus therefore brings to the region a tested and proven combination of systems, methodologies and competencies to deliver superior, relevant and high quality education and training that aims at ensuring that trainees are adequately and appropriately prepared for proper productivity in the world of work.

### QUOTE OF THE MONTH

*“New obstacles are what you see when you take your eyes off the goal line.”*

*-Lao Tse*

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*Hon. Lee Kinyanjui, Assistant Minister for Roads and M.P. Nakuru town, awards a winner of IAT ICT Essay Writing competition, Nakuru region with an Ufunguo Scholarship.*

# THE LAUNCH PICTORIAL



'Officially opened'. Mr. Paul Kukubo, CEO, Kenya ICT Board officially opens IAT Nakuru Campus.



The Nakuru Brass Band leads the IAT Nakuru staff in a Procession during the campus launch.



Mr. Paul Kukubo, CEO, The Kenya ICT Board gives a speech as other guests look on.



Pump, color and Fun.



Mr. Thoma Gitumbi, IAT General Manager, East Africa gives his speech .



Then came the cocktail.....

## IAT hosts the 2011 Career Guidance and Counseling Teachers' Seminar

On 18th March 2011, The Institute of Advanced Technology played host to High School Career Counselors.

The seminar created a forum where teachers in Career Guidance and Counseling departments in secondary schools shared, brainstormed and tried to solve the myriads of problems that they encounter in the course of their work. The theme of the seminar was **"The role of Mathematics in career actualization"**.

The guest speaker was Mrs. Lynette G. Kisaka, B.Ed Sc. (Bot/Zoo) with Mathematics, M. Phil Zoology (Parasitology), EM.Ed - Leadership and policy in Education (ongoing) bias: ICT Integration in Education policies. Besides articulating the **Role of Mathematics in Career Actualization**, Mrs Kisaka also took the teachers through Kenya Education Policy, Kenyan vision 2030 and the UN Millennium Development Goals as they relate to Education in Kenya.

Ms. Marcelle du Rand, the Business Development Manager – Africa and the Caribbean - NCC Education, took the teachers through the possibilities of their students getting international certifications in ICT through the International Certificate, Diploma and Advanced Diploma in Computer Studies courses offered at IAT in collaboration with NCC.

The other speaker during the seminar was Mr. Godfrey Gichuki, the Dean, IAT School of Business. In his presentation, Mr. Gichuki highlighted trends in Business and ICT, how to prepare today's students for the market place, Key skills requirement for today's workplace and ICT and Business careers offered at IAT.

The afternoon session was dedicated to a Plenary session where the teachers brainstormed on the challenges facing Career Guidance and Counseling in Kenyan Secondary Schools. Various challenges were identified, among them:

- ✓ Some schools offering limited number of subjects hence limiting the career choices available to their students,
- ✓ Lack of proper training in career guidance and counseling for career teachers.
- ✓ Lack of sufficient time, crowded timetable and other responsibilities for the career teacher.
- ✓ Conflict between student career choice and family/ parent career expectations.
- ✓ Some careers appearing in the current JAB bulletins are very new to career teachers.
- ✓ Little attention and support to the careers department from the school administration.

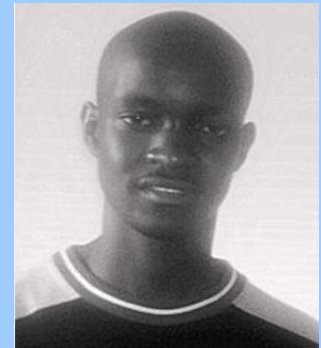
Teachers participating in this years' seminar went back to their schools having learnt and shared. And as Mrs. Maria N. Mvati from State House Girls said "It was very beneficial. The personnel are wonderful people and I felt at home".

IAT is looking forward to host the 2012 seminar, and if what the IAT Rector, Mr. Peter Wairagu, said is anything to go by, the event will be much bigger on content and more facilitators will be brought on board. To all High School Career Counselors, See you in 2012!!!

For more information on the seminar, write to :  
[pkaranja@iat.ac.ke](mailto:pkaranja@iat.ac.ke)

## My Wonderful Experience at IAT, Thanks to Ufunguo Scholarship

I am Elvis Munane, a proud Junior Achievement Alumni from Mang'u High School. I was the C.E.O. of JANUS COMPANY, 2009 and thanks to our success at the regional level, I was offered a scholarship to study ICDL at the Institute of Advanced Technology. This was made possible through a partnership between Junior Achievement Kenya and The Ufunguo Scholarship Programme.



ICDL is the world's most recognised computer end-user programme. Thus, the opportunity to study the course not only makes me a certified computer-literate individual, but also gives me ample relevance in today's society which tends to rely more on technology by the day.

The experience at IAT was wonderful in many different ways. First and foremost, the institution is an excellent one. The resources are adequate and the trainers well-equipped to take students through the course. Its wide catchment area of students also makes the exposure valuable. The course-coverage was also considerate and well-timed. To sum up the whole experience, it was perfectly worthwhile.

Therefore, I lack words to explain how grateful I am to Junior Achievement Kenya and the Ufunguo Scholarship Programme. I sincerely hope the opportunity will be availed to many more deserving members of J.A. programmes. That way, J.A. will be duly on course to achieving its main objective of moulding entrepreneurs from ambitious Kenyan youth.

Eventually, ***"their success will be your inspiration!"***

## It's not all Work at IAT



They say too much work and no play makes jack a dull boy-or you for that matter. Sports as many would agree lay a solid platform for economic, social and personal growth; it enhances relationships of any kind. Health and fitness can't be realized without employing the almost divine presence of sports.

Discipline is also enhanced because in sports, determination and consistency comes with success.

IAT offers numerous sporting opportunities and facilities ranging from football, basketball, rugby, badminton, pool, among others. Football is the main game and attracts the highest number of fans and players. Frequent competitions are held on the same with teams coming from students as well as the staff members and are used as a bonding session.

Basketball is a game that many students like to watch. With two courts in place, students play at least four days a week for fun or during the regular interclass competitions held, or on special occasions like the open day. You can,t resist the skills, the passion and the discipline that players exhibit in their unique ways. The diversity of the moves simply captures your attention.

Rugby is the new kid among the sporting at IAT. The power, the speed, the determination, the surge that these wonderful people release makes you wonder, how could a man live without all this fun?

For those who want to flex without breaking much, badminton or 'game ya wazito' (as they call it here), it is the sport to join. The soothing and tender moves makes the game enjoyable to watch.

Intellectual health and concentration gets its fair test in the students' corner which hosts the pool tables. With the premise open daily, all day, students flock the area to watch and play. It's a game that really requires and tests precision and perfection and I can promise you that it can only get better...

Generally in IAT we know we need sports and we have embraced it, but of course with everyone being responsible for their time-which students seem to have mastered-because again they don't tell you what too much play can do to you!

So...get healthy...get social...get sporty!!



**By Benard Odhiambo Ondiek,**  
**Sports Master,**  
**IAT Thika Road Campus**

## IAT Authorised Training Department (AT), Pension Towers

It has been a result of growth that IAT designated a Department (AT) to offer fine tuned training in different market oriented courses. The Authorised Training AT department core role is to ensure that ICT and Business students are subjected to rigorous and in-depth training in their fields of choice. It is renowned for having produced eminent IT professionals in Programming, Network support, User support, Microsoft Official Curriculum among many others.

### Courses Offered

With a good number of experienced and dedicated trainers this department boasts a vast number of courses offered at Certificate, Diploma and professional levels.

### Regular courses

- ✚ CBICT – Certificate in Business and Information Technology
- ✚ DBICT – Diploma in Business and Information Communication Technology
- ✚ DICTM- Diploma in ICT management
- ✚ DDAAD – Diploma in Database administration and Application Development (**New**)

### Professional courses

- ✚ Oracle 11g (**New**)
- ✚ Certified Database Administrator
- ✚ MCITP- Microsoft Certified Information Technology Professional
- ✚ CCNA – Cisco Certified Network Administrator
- ✚ NSS – Network Support Specialist
- ✚ USP – User Support Specialist
- ✚ SQL – Structured Query Language
- ✚ CCP – Certificate in Computer Programming
- ✚ Web Design I and II
- ✚ Dream Weaver MX, CS4 CS5
- ✚ ASP, PHP, Fireworks and Flash
- ✚ Microsoft Exchange
- ✚ Dot Net Frameworks

## Open Day

On 25th of March 2011 Pension Towers was a beehive of activities, when the public was invited and treated to a delicacy of what IAT has to offer. Kudos goes to the Senior Center Manager Nuru Juma, ETU/CTC Manager Ndirangu Gichohi and HOD, Authorised Training (AT) Department Cassim Juma for making this happen.

During this occasion Authorised Training (AT) trainers: Judy Njeri, Bernard Muia, Benbella Aarat, Oscar Maina, Deborah Kerubo and Nixon Kawaka were given the opportunity to show their dexterity in Infrastructure and Development disciplines. The guests had an opportunity to win various prizes including IAT bags, IAT pens, T-Shirts and Books by correctly answering questions from different presenters

## Campus Visit

We also had a campus visit from Rasul al Akram High school on 12/02/2011 which again was a success. The centre manager, Mrs. Nuru Juma couldn't hide her joy when she said "It was very pleasant to see the swiftness, willingness and enthusiasm with which you all carried yourselves about. The students and teachers were very pleased and to quote the computer teacher, "we are here for you, any time you need us just call us".

*"The IAT Authorised Training AT department core role is to ensure that ICT and Business students are subjected to rigorous and in-depth training in their fields of choice"*

## New Developments

Recently the AT department realized rejuvenation in management when **Cassim O. Juma** was made the new Head of Department. Other than this, AT department was officially allowed to offer Oracle University curriculum. This means an additional value on products offered. This has led to a more structured approach to departmental issues for both the staff and students in general. This will also ensure the department has a rock-solid system to deliver this program among many others.

## Activities

AT department has endeavored to exposing students to both in-class and extra-curriculum activities. In March 2011 the department, through the coordination of the AT tutorial lecturers headed by Benbella Aarat saw a number of clubs being born and existing ones getting a boost. All students can join a club of their own choice, the clubs include: debating, swimming, football and business.



*By Mr. Nickson Kawaka  
Authorized Training  
Instructor  
IAT Pension Towers*



## Funny Corner

A fellow had just been hired as the new CEO of a large tech corporation. The CEO who was stepping down met with him privately and presented him with three numbered envelopes. "Open one of these if you run up against a problem you don't think you can solve," he said.

Things went along pretty smoothly, but six months later, sales took a downturn and the CEO was really catching a lot of heat. About at his wit's end, he remembered the envelopes. He went to his drawer and took out the first envelope. The message read, "Blame your predecessor."

The new CEO called a press conference and tactfully laid the blame at the feet of the previous CEO. Satisfied with his comments, the press - and Wall Street - responded positively, sales began to pick up and the problem was soon behind him.

About a year later, the company was again experiencing a slight dip in sales, combined with serious product problems. Having learned from his previous experience, the CEO quickly opened the second envelope. The message read, "Reorganize."

This he did, and the company quickly rebounded.

After several consecutive profitable quarters, the company once again fell on difficult times. The CEO went to his office, closed the door and opened the third envelope. The message said, "Prepare three envelopes."



I am a Microsoft Certified Trainer working in Authorized Training (AT) department, where I train clients primarily on Microsoft and Cisco products such as Microsoft Certified IT Professional (Server/Enterprise) Admin, Cisco Certified Network Associate (CCNA) among others. I have taught these courses for close to three years now and as you very well know, the IT field is volatile. Technologies change so fast and this means that we in IT must constantly skill up and keep tabs with the ever evolving IT world. This includes deployment of new technologies and accompanying hardware and as you would expect, transitional and infrastructural challenges abound both in production and training environments. Such was our experience lately when a change in Microsoft curricula meant

that IAT had to acquire state-of-the-art x64(64-bit) machines since the newer courses could not run on the very well established x32(32-bit) platforms that have been in use for ages.

And so IAT promptly acquired the new machines, but when we started class set-up problems immediately cropped up with Hyper-V, the engine that drives virtual machines in Windows Server 2008 operating system.

Well, just so you know, Windows Server 2008 R2 Hyper-V, the next-generation hypervisor-based server virtualization technology, is available as an integral feature of Windows Server 2008 R2 and enables you to implement server virtualization with ease. Hyper-V allows you to make the best use of your server hardware investments by consolidating multiple server roles as separate virtual machines (VMs) running on a single physical machine.

It provides a scalable, reliable, and highly available virtualization platform. It is part of Microsoft's ongoing effort to provide our customers and partners with the best operating system platform for virtualization.

**And this was the problem:** I installed the Hyper-V role and could create or import a virtual machine, but I couldn't start the virtual machine.

I established that the hypervisor was not running. The following error appeared on the screen and in the System event log: "Virtual machine could not initialize". Now, this error message does not give one the slightest clue as to what the problem could be, so I determined that the physical computer met the specific hardware requirements to run the hypervisor. If the computer meets the requirements and the hypervisor is not running, you might need to enable the settings for hardware-assisted virtualization and hardware-enforced Data Execution Prevention (DEP) in the system BIOS, which I did.

After making changes to the system BIOS, restarting the computer is sometimes not enough for the changes to take effect. turn it back on.

I also determined that all the necessary files for class setup had been properly extracted, and the virtual machines were pointed to the correct bases, but they still wouldn't run. The difficult part was that there wasn't anything in the documentation provided to indicate what else could be the problem. It took us quite some time to figure it out. At some point I decided to check the physical machines processor compatibility with that of the virtual machines. I came to realize that on some hardware platforms, particularly HP machines, one has to enable the following options on the virtual machines' processors (Some other models, such as DELL, do not have a problem with this, so it seems that it is a vendor specific setting):

- ✚ Migrate to a physical computer with a different processor version
- ✚ Run an older operating system, such as Windows NT

This I did, and voila! The virtual machines started up. I was delighted, and so was everyone else in the various departments charged with this task. I have also realized that we can now fully run older operating systems, application programs and older 32-bit based courses on virtual machines, saving us the hassle of having to move machines from room to room when setting up classes. Virtualization is a great piece of technology, and is definitely the way to go. Since then I have been enjoying working with x64 bit machines. And the specs? Great! What with 1TB hard disk space and RAM 8GB, i5 Intel processors! Now you can do anything you ever wanted to do on a powerful machine. If you haven't tried them yet, come to IAT.

## 2010 KCSE Top Performers Enroll at IAT

James Mlawasi Mwakichako and Rebecca Wanghanga Mwakichako, the best performing students in the 2010 KCSE examination have enrolled at IAT Nakuru Campus for ICDL classes.

James is a former student at Alliance Boys High School while Rebecca was at Alliance Girls High Schools. Both scored a mean grade A of 84 points.

IAT is very proud that they have chosen IAT as their preferred training institution.

## Velma Secured Her Future Through Ufunguo Scholarships

I have always been a go getter. Never taking anything for granted. I was a strong member of **Junior Achievement** in High School and currently even stronger Alumni. Being an outstanding student I was able to secure an **Ufunguo Scholarship** with **IAT (Institute Of Advanced Technology)** through J.A. IAT is the leading ICT and Business Training Institution in the region. I have been sponsored to study **ICDL** (International Computer Driving License) the worlds leading end-user computer certification. With the evolution of technology, most employers require one to have studied **ICDL**. This program can be done by anyone but helps to keep school leavers busy and focused. IAT has helped me build my career path and prepared me for the job market. I have been lucky to meet successful people who have acted as my mentors. Thanks to IAT and J.A am now a computer **"GURU"** and alongside my studies am working with the **Ministry of Tourism**.

The **Ufunguo Scholarship** was truly the key to my bright future.  
**I WAS FIRST; DO YOU WANT TO BE NEXT?**

By Ms. Velma Apondi

## Desktop Publishing (DTP) at IAT Loita Centre.

For a long time we have received enormous inquiries for training in Desktop Publishing (DTP). In a response to this need from our clients we have packaged together a comprehensive course in the same. The Desktop Publishing (DTP) course which will be running for 100 hrs will include training on Ms Publisher, Adobe Illustrator CS4, Adobe Photoshop CS4, CorelDraw X5 and Adobe InDesign CS4. The pre-requisite for this course is knowledge of Ms Windows and Ms Word.

The first class will run from 18<sup>th</sup> April with space for private and corporate sponsored clients.

We look forward to scheduling this course on a monthly basis.

**Ndirangu Gichohi | Operations Manager | End User & Corporate Training  
Institute of Advanced Technology**

## Promotions in EUT in 2010:

The following End User Training (EUT) instructors have been promoted to Authorised Training (AT) department:-

1. Timothy Gathauri Wairegi.
2. Stanslaus Odhiambo Omondi.
3. Aminah Njeri Abdallah.

The following End User Training (EUT) instructors have been promoted to Corporate Training Courses (CTC) department:-

1. Linda Wekesa
2. Ndiangui Kinyagia
3. Wilfred Atisa

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	<b>Degree Courses</b> <ul style="list-style-type: none"><li>• Bachelor of Science in ICT Management - Maseno University</li><li>• Bachelor of Business Administration with IT - Maseno University</li><li>• Bachelor of Business Information Technology - St. Paul's University</li><li>• Bachelor of Business Administration - St. Paul's University</li></ul>	<b>Diploma Courses</b> <ul style="list-style-type: none"><li>• Diploma in Business and ICT</li><li>• Diploma in ICT Management</li><li>• International Diploma &amp; Advanced Diploma in Computer Studies - NCC Education, UK</li><li>• Diploma &amp; Higher Diploma in Business Administration</li></ul>	<b>Certificate Courses</b> <ul style="list-style-type: none"><li>• Certificate in Business Information Technology, ICOL, Microsoft Certifications, Comptia, Oracle, EBC*L &amp; much more!!</li></ul>	

# IAT PICTORIAL



Ms. Marcelle du Rand, the Business Development Manager – Africa and the Caribbean-NCC Education, makes a presentation during the Career Teachers' seminar at IAT Thika Road Campus.



Students vs staff. IAT Thika Road Campus football competition.



Guest speaker Mrs. Lynette G. Kisaka makes a presentation during the IAT Career Teachers' seminar.



Rasul Al Akram High School pose for a group photo with IAT staff, during their visit at IAT Pension Towers.



IAT Mombasa students enjoy a sack race during their Career Day.



IAT Mombasa Campus students have a splash during their Career Day at the campus.