



# -VOICE

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## TECHNOLOGY EXPERTS WRITE INEC, INSIST ON E-TRANSMISSION OF RESULTS

Experts in information technology (IT) have insisted that electronic transmission (e-transmission) of election results from polling units to designated servers of the Independent Electoral Commission (INEC), is realisable in Nigeria with the 3G technology that adequately covered the country and support electronic transmission of results.



The President of Nigeria Computer Society (NCS), Professor Adesina Sodiya, told THISDAY yesterday that electronic transmission of results would be possible in Nigerian elections and that the NCS had at the weekend, wrote to the INEC, giving it instances why it should adopt electronic transmission of results for all elections.

Sodiya explained that electronic transmission of results is one of the components of electronic voting (e-voting), which the NCS has always advocated for because of its many benefits to national development.

He said: "If Nigerian government is sincere about the use of technology in enhancing electoral processes,

government should not be afraid of a component of the entire e-voting system that Nigerians have been clamouring for.

“Electronic transmission of results is not rocket science because Nigerians are already using the same technology to transfer money, send text messages and video images to people. The Joint Admissions and Matriculation Board (JAMB), conducted exam recently in over 700 centres and was able to transmit results electronically to JAMB’s central office in Abuja and it worked.”

Sodiya said that the NCS made it clear that it would give the INEC all necessary technical support it would require to ensure smooth transmission of election results electronically.

He explained that one of the goals of the NCS is to provide technical support for the adoption of technology in the country and warned against a situation where politicians would play politics with election results, adding that electronic transmission of results will bring about transparency in election matters.

Speaking in the same vein, the Executive Vice Chairman of the Signal Alliance, a technological integration company, Mr. Collins Ofuegbu, told THISDAY that the technology that would support electronic transmission

of election results is already available in the country.

Ofuegbu argued that all that would be required to deploy such technology are political will on the part of government and the right policy implementation.

He said: “Technology can address every identified challenge, but we need the will of government to create policies and ensure enforcement of such policies to address critical national challenges.

“The technology for electronic transmission has been there and available for use. There will always be the concern of remote and riverine areas, where electronic transmission may be difficult to achieve, but if the results from majority of Nigerians can be transmitted, then I think we should make a law for the majority of Nigerians that will make it possible to transmit their results, rather than voting down on electronic transmission of election results, as experienced recently at the National Assembly.

“So if we can transmit results of 98 per cent of the populace, then electronic transmission of results should be allowed in Nigeria.”

Onuegbu called on the Nigerian Communications Commission (NCC), to advise the lawmakers that electronic transmission of election results is

possible and achievable.

"If the NCC cannot fight for this, it then means that Nigeria has not effectively been covered by 3G technologies, which I think will negate the NCC's projection of effective broadband coverage across the country.

"I see the whole scenario as a game where politics meets technology. We need more conversation on this issue because there are lots of opportunities in transmitting election results electronically. Politicians may think that their lives depend on election and power, but it is not true because their lives do not depend on election. Technology has changed all of that and they have to adopt new technologies and live with it, in order to enhance national growth," Onuegbu said.

Chairman, Association of Licensed

Telecoms Operators of Nigeria (ALTON), Mr. Gbenga Adebayo, warned against blame trading and advised that Nigeria must step up its 3G coverage to cover the entire country, since effective transmission of electronic results depend largely on 3G coverage.

Adebayo said: "If we look at it in terms of basic coverage of 3G technology across the country, we can be rest assured that we can do voice and data coverage with 3G technology, but when it comes to transmission of election results, it requires some levels of accuracy and minimum latency, which is better achieved with 3G technology. From the statistics released by NCC, Nigeria is not fully covered by 3G technologies and effective transmission of results depends on 3G coverage."



[www.ncs.org.ng](http://www.ncs.org.ng)

ISDE 2021

INTERNATIONAL CONFERENCE ON  
**INNOVATIVE SYSTEMS FOR  
DIGITAL ECONOMY**



3RD - 5TH AUG., 2021.



UYO, AKWA IBOM STATE.

NCS National Secretariat

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# ISDE 2021: ALL IS SET, AS 700 INDUCTEES EXPECTED IN UYO

**O**ver 700 inductees are expected to join the fold of the Nigeria Computer Society (NCS), the umbrella body of all Information Technology (IT) professionals, interest groups and stakeholders in the country.

It was gathered that NCS prides itself with about 15,000 members, spread across all the states of the federation.

This is coming as the President, International Federation for Information Processing (IFIP), Prof. Mike Hinchey and Canada Research Chair in Persuasive Technology, Dalhousie University, Canada, Prof. Rita Orji, are billed to deliver key notes, among other dignitaries, at the Uyo event.

Confirming these during a virtual press conference Tuesday 27th July, 2021, the President of NCS, Prof. Adesina Sodiya said they anticipate the number to edge close to 1000 and surpass some 800 inducted the previous year as they advance plans for the 2021 NCS International Conference slated to hold in Uyo, capital of Akwa-Ibom State.

The conference, he described as the biggest and most influential IT event in Nigeria would hold between Tuesday 3, and Thursday, 5 August, with the theme, "Innovative System for Digital Economy (ISDE 2021)."

Sodiya also said that the conference would focus on important issues related to the theme and sub themes such as "Technopreneurship: Powering

Creativity, Regulation and Digital Consumer privacy, Inclusive vs. Disruptive Innovation, IoT and Robotics on customer Behaviour, Globalization and its effect on a digital economy, Digital Economy: Governance, Policy and Regulatory framework, Cyber Intelligence for National Security, Broadband: Citizen and Digital Access Rights, Digital Technologies in Agriculture, Redefining Healthcare in Digital Economy, Education: Beyond the Wall, Agenda for Digital Gender, Energy efficiency (end user energy demand), Behavioural research (Human response to digital integration).

Other subthemes, he revealed to include "Cloud and Edge computing, Data, information, and knowledge (New frontiers for Data production, capture, and processing), Design and Human Computer Interaction (How modern designs are impacting usage of new technology), Pervasive / ubiquitous computing and social acceptance, Social computing/interactions (Understanding social processes towards digital technologies), as well as Security, privacy, and trust."

Sodiya was accompanied at the press conference by the chair, publicity, Femi Williams, Deputy President, Dr. Muhammad Sirajo Aliyu, Chairperson, Credentials Committee, Mrs. Elizabeth Orogun and Executive Secretary, Mr. Iyiola Ayola to name a few.

# NCS INTERNATIONAL CONFERENCE HOLDS AUGUST 3RD –5TH IN UYO, AKWA IBOM

The annual International Conference of the Nigeria Computer Society (NCS), will hold next week Tuesday 3rd to Thursday 5th at the Ibom Hall in Uyo, the Akwa Ibom State capital, President of NCS, Prof. Adesina Sodiya has announced.

While announcing this yesterday in a virtual press conference, Prof. Sodiya disclosed that the theme of this year's event, reputed to be the biggest and most influential IT event in Nigeria is "Innovative Systems for Digital Economy (ISDE 2021)".

He said the theme of the conference was carefully and scientifically chosen in order to provide the needed technological supports for Government drives and vision in this modern society, stressing that innovative systems for the digital economy are simply about economic transformation digitally.

"As we all know; the digital economy drives a nation to prosperity. Thus, the Nigeria Computer Society (NCS) has resolved to provide the technical skills and expertise for the realization of this lofty goal of government. NCS has also recognized that this drive needs highly innovative ideas and systems," he said.

Prof. Sodiya added that the conference provides a platform for developing strategies, processes, systems and technologies needed to drive and run the digital economy. he also explained that the conference will also spur the culture of building innovative systems for the digital economy and ultimately, drive relevant key components of the digital economy such as government policy and regulation; digitalization; broadband infrastructure,

emerging technologies; mobile applications, grid infrastructure, e-government, smart cities, e-health and e-agriculture.

He assured that these components will be discussed and analysed at the International conference to re-focus and re-think the digital economy policy of the government.

Meanwhile, here are six reasons why you must attend this year's NCS's International Conference.

- **Stress-Free:** #ISDE2021 holds ONLINE, so you participate from the comfort of your home or office.
- **Global Influence:** Being an International conference gives you access to connect with both Foreign/Local Speakers and Participants.
- **Value & Knowledge-Driven:** ISDE2021 boasts of rich sub-themes ranging from Artificial Intelligence, Internet of Things, Data Mining, and other modern-day technologies relevant for today's applications, thus your participation gives you more insights into these new innovations.
- **Participation is Hybrid:** Freedom to choose participation mode of physical attendance or Virtual attendance
- **Enhanced Credit Rating:** As IT Practitioners, attending NCS Conference increases your professional and academic ratings. Your participation will earn you 3 units of Professional Development credit units.
- Rich networking and engagement feature to strengthen relationships.

# NCS ABUJA CHAPTER HELD TECHIES' HANGOUT-V4 (TH4)

The Abuja Chapter of the Nigeria Computer Society (NCS) identified the need to harness digital money, saying it would benefit the economy.

The Chapter Chairman, Mr. Olusegun Alabi said on Wednesday in Abuja during the fourth edition of the Techies' Hangout Initiative (THI) titled "Digital Money and The Future Economy".

Techies' Hangout is an event, Physical/Virtual/TV/Radio Series where IT Professionals discuss trending and prospective ICT developmental issues relating to

businesses, national economy/ security and youth development to bring about, actionable efforts in resolving related issues through professional collaboration.

Olusegun said that Digital currency or digital currency, refers to any means of payment that exists only in electronic form. Digital money is not tangible like a dollar bill or a coin or a cheque. It is money exchanged using technologies such as smartphones, credit cards, and online cryptocurrency exchanges.

"As technology becomes more and more important, payments become more and more digital, resulting in less use of tangible money. So, the future of the global economy is 'digital money,'" he said.

The TH4 featured four panelists drawn from various circles of human endeavour and they were able to douse the tension and fears around digital money conspiracies.

The Chairman, African Union Cyber Security Expert Group, Alh. Abdulhakeem Ajijola, urged African policy makers and stakeholders to find ways to strengthen policies and implementation activities. "This is because they are not at the 'table' but must live, in the future with the decisions that we make and the precedents that we create.

"NCS should work with government and other stakeholders to constructively empower the digital generation of Africans and support the development of innovative and self-reliant indigenous solutions. It should do research to help African legislatures and policy makers to draft

appropriate, interconnected and coherent policies, laws and regulations, based on democratic values and empirical evidence," he said.

Dr. Abimbola Akintola, professor of Computer Science at the University of Ilorin, said digital money has enabled socio-economic growth around the world, especially in Africa. She said digital money is also helping developing countries by providing them with easier access to capital and financial services.

Additionally, Dr. Kenneth Okereafor, Deputy General Manager ICT, National Health Insurance Scheme (NHIS), said that while digital money is beneficial, it is exposed to cyberthreats. He said the economic impact of cyber-attacks on digital money could lead to loss of revenue, disruption of service, damage to the company's reputation and loss of confidence in payment.

Okereafor, however, said the remedy for cybersecurity issues in digital currency was to have a stronger legal framework, strict legislation and greater cybersecurity awareness. He said there was a need to support and avoid the negative impacts of draconian legislation, policies and

regulations on the development and well-being of society.

Mr. Chris Odutola, Sales Engineer of Sophos Plc quoted the Central Bank Governor, Mr. Godwin Emefiele who said, "We are committed in the CBN and I can assure everybody that digital currency will come to life even in Nigeria." (Nairametrics - May 2021). "Blockchain is a system of recording information in a way that makes it difficult or impossible to change, hack, or cheat the system," he said.

He also said that, in a survey of the respondents from 10 selected countries, who own or have used cryptocurrency, thirty-two percent (32%) are Nigerians while China, US, Germany and Japan are 7%, 6%, 5% and 4% respectively. "So, digital money has come to stay," he concluded.

The fifth edition of the Techies' Hangout Initiative (THI) will hold in August 2021 and it is planned to be a physical outing.

For more information, visit NCS Abuja's Website [www.ncsabuja.org.ng](http://www.ncsabuja.org.ng)

# NCS KANO EXCOS VISIT TERTIARY INSTITUTIONS WITHIN KANO METROPOLIS

**A** delegation of the Nigeria Computer Society, Kano state chapter went on courtesy visits to 6 tertiary institutions within Kano metropolis on the 1st of July 2021.

The visits were made to introduce the society to the schools as well as seek for the registrations and participations of their staff and students especially in the annual international conference organised by the national body.

The schools visited were:

1. Skyline University Kano Campus
2. Kano state Polytechnic
3. Federal College of Education, Kano
4. Yusuf Maitama Sule University, Kano
5. Bayero University Kano
6. Sa'adatu Rimi College of Education

The delegation was given very warm receptions in all the schools visited. The Vice chancellor Skyline University promised to engage all concerned staff and students to register and participate. The Registrar Kano State Polytechnic, an existing member of CPN, promised to also bring all his people onboard with active participation. While the provost federal college of Education, Vice chancellor Yusuf Maitama Sule University Kano, Vice chancellor Bayero University Kano and provost Sa'adatu Rimi college of Education were unavoidably absent during the visits but the letters were received by



their secretaries who promised to revert as soon as they resume.

The visit calls were necessary in order to bring onboard more members as well as revive the spirits of our humble members.

Fellow professionals, we kindly seek for more dedication and sacrifice for this our baby society. Existing members that have not been active are kindly enjoined to check their membership payment status on the official website ([www.ncs.org.ng](http://www.ncs.org.ng)).

We cannot do it without us all. we need us to come together and strengthen our dear NCS

# PROFESSOR ADESINA SIMON SODIYA, FNCS SEEKS COLLABORATION WITH THE NIGERIA POLICE FORCE

The President of the Nigeria Computer Society Professor Adesina S. Sodiya called for collaboration with the Nigerian Police in certain IT areas. He made this call when he paid a courtesy visit to the Inspector General of Police who was ably represented by the Deputy Inspector General of Police, DIG David O. Folawiyo, psc(+), BESS, mni of the department of Information & Communication Technology at force headquarters Abuja. The President who enjoyed the company of his deputy President, Dr. Muhammad Sirajo Aliyu, Prof. Oludele Awodele, Chairman, Innovation, Research & Development committee, Mr. Iyiola Ayoola, Executive Secretary, Nigeria Computer Society, Mr. Olusegun Sunday Alabi, Abuja Chapter Chairman, and Mr. Songo Sunday, NCS Liaison Officer (Abuja) introduced to the DIG (ICT) the Nigeria Computer Society stating clearly their numerical strength and spread across the country. He invited the DIG to be a



guest at the upcoming conference holding in August at Uyo Akwa Ibom

State to interact with the Professionals. He invited the DIG to use his office to register all IT professionals within the police force with the society to enable them enjoy some of the benefits that are accrued with the membership registration. He finally listed the following areas for collaboration;

- IT based skills Training
- Acquisition of standard ICT infrastructures and tools
- Maintenance of ICT tools
- Development of IT based tools and Apps
- Conference Participation
- Use of IT tools to tackle Insecurity

Responding, the DIG appreciated the leadership of the NCS for finding it fit to visit the Nigeria Police who is the largest singular employer of labour and an IT compliant in their dealings. He expressed shock at low level of awareness of the Computer Society within the police force

having been in existence for such a long time. He articulated readiness to work with the society for the good of the nation and especially as it concerns national security which has become the most disturbing issue in

our country today. The DIG encouraged NCS to reach out to their institutions of learning (Police Academy Kano, and others) for membership. He requested for a special and discounted package for the Nigerian Police to enable them register their personnel who are spread across the country. He pledged to study the speech presented by the president and make further commitments.

Also speaking at the call was the Executive Secretary, Mr. Iyiola Ayoola who recalled with

nostalgia the once good relationship that existed between the society and the Nigeria Police and pleaded with the DIG to assist to reinvigorate that relationship during his time in office. ES ended by sharing the vote of thanks, showing gratitude to the IG and the DIG for granting the NCS audience in spite of their tight schedules.

# GOV. TAMBUWAL CELEBRATES DANIYA, FIRST SOKOTO INDIGENE TO CLINCH NCS FELLOWSHIP

Governor Aminu Waziri Tambuwal of Sokoto State on Wednesday celebrated the conferment and investiture of Dr Nasir Daniya, the Director General of the state Information Communications Technology (ICT) Directorate with the prestigious fellowship of the Nigeria Computer Society (NCS).

Daniya, a graduate of Usmanu Danfodiyo University, is also an alumnus of the University of Wales, University of Oxford, University of East London, Ahmadu Bello University Zaria, and London Metropolitan University respectively.

His attainment of the NCS Fellowship was made possible by the surge in ICT integration, especially in public service delivery and the creation of awareness on the use of ICT under the incumbent administration of Gov. Tambuwal.

Other accomplishments of Gov. Tambuwal in the ICT sector that galvanized the recognition of Dr Dan'lya by the Professor Adedija Sodiya-led NCS were the training of over 25,000 civil servants in ICT from 2015 to date, utilisation of ICT in fiscal duties that fetched the state a World Bank grant of \$22 million for its commitment to the implementation of the States Fiscal Transparency, Accountability and Sustainability (SFTAS) programme in 2020; as well as the adoption of 'e-Government' in 2018, which culminated in the conferment of the inaugural 'Digital Governor of the Year' on the governor in 2020.

Placing premium on ICT as he has been



doing made Gov. Tambuwal to, not only pioneer the establishment of an ICT Directorate in Sokoto, but also the first to appoint a Director General to head such a Directorate.

Presenting the Fellowship certificate to Gov. Tambuwal, Daniya, an IT professional with over 2 decades experience, who once served as the Chairman of the NCS, Sokoto State Chapter, expressed appreciation to the Governor for his unconditional support and encouragement to the Directorate and the teeming youth in Sokoto State in their quest to remain productive and law abiding citizens.

# NCS MEMBERSHIP INDUCTION

## WHO CAN BE INDUCTED?

### WHO CAN BE INDUCTED?

Applicants who have been registered after successfully completing all requirements for Membership of Nigeria Computer Society (NCS) but have not been officially unveiled and issued Membership Certificates

**Other Requirements:** 2021 International Conference Participation

Participation Fee:

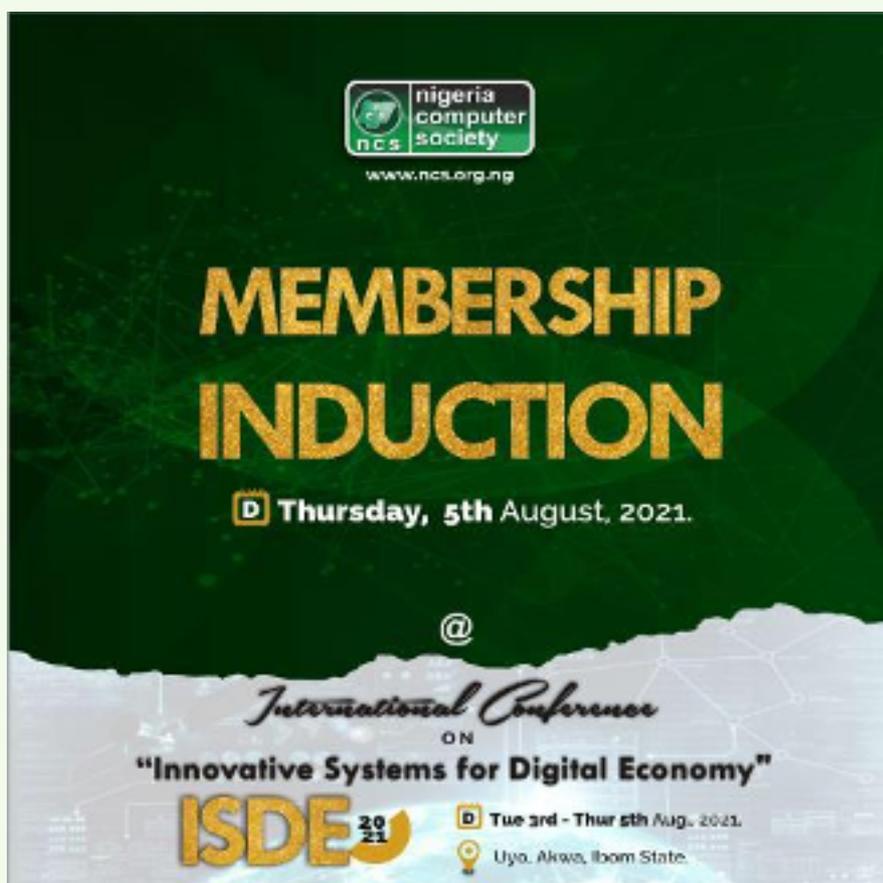
<https://conferences.ncs.org.ng>

Not Registered and Willing to be Inducted?

#### STEP 1:

Visit [www.ncs.org.ng/membership-2](http://www.ncs.org.ng/membership-2) to complete and submit the Membership Application Form.

**STEP 2:** On receipt of your Application Form for processing and considered eligible for Membership of NCS, you will be



required to make the necessary payment for Admission.

**STEP 3:** On acknowledgment of your payment for registration, you will be issued Membership Credentials and listed for Induction.



# BECOME A MEMBER OF THE NIGERIA COMPUTER SOCIETY (NCS)

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Advancement and Promotion of Computing/Information Technology Education and Practice for the benefit of all.

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NIGERIA COMPUTER SOCIETY (NCS)

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- Scholarship opportunities
- Network with IT experts
- Promotion of sound, modern and continuous IT Education
- Mentorship
- International collaboration and partnerships
- Internships
- Supports for startups and young innovators
- Research and innovation funding
- Professional recognitions
- Exhibition of products and services of members
- Local content development
- And many more

To register, visit [www.ncs-portal.org.ng](http://www.ncs-portal.org.ng)  
For further information, visit [www.ncs.org.ng](http://www.ncs.org.ng)

**Come, Let us promote IT together in Nigeria.**

NCS National Secretariat

ADDRESS: Plot 10 Otunba Jobi Fele Way, Alausa, Ikeja,  
Lagos State



For More Enquiries:

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# STAY SAFE: PROTECT YOURSELF AND THOSE AROUND YOU

## THE COVID-19: WE WANT YOU TO STAY ALIVE

Dear professional colleagues, Nigeria Computer Society (NCS) as a Professional body in Nigeria are not oblivious of the pandemic ravaging the world called 'COVID-19.

We care for our members. Therefore, we wish to inform our precious and distinguished members of the need to pay utter attention to basic preventive measures against COVID-19.

Stay aware of the latest information on the COVID-19 outbreak, available on the WHO website and through your national and local public health authority. Most people who become infected experience mild illness and recover, but it can be more severe for others.

Take care of your health and protect others by:

- a. Constantly getting basic preventive measures and current updates from WHO (<https://www.who.int/emergencies/diseases/novel-coronavirus-2019/advice-for-public>). Kindly always follow the guidelines as outlined
- b. Paying attention to national and international information on COVID-19
- c. Being an health ambassador by helping to sensitise the public on preventive measures against the virus
- d. Ensuring you always take advice from healthcare professionals
- e. Taking general measures to improve your health conditions

Nigeria Computer Society (NCS) wants our members to always be strong and healthy. Together we shall continue to build strong and virile IT Profession.

Stay Alive!!!

**Executive Secretary**  
NIGERIA COMPUTER SOCIETY (NCS)  
[www.ncs.org.ng](http://www.ncs.org.ng)

<p><b>STAY AT HOME IF YOU ARE UNWELL</b></p>	
<p><b>WASH YOUR HANDS REGULARLY</b></p>	
<p><b>COVER COUGHS AND SNEEZES WITH FACE MASK OR DISPOSABLE PAPER TISSUES</b></p>	
<p><b>STAY 1.5 METRES AWAY FROM PEOPLE WHO ARE COUGHING OR SNEEZING</b></p>	
<p><b>AVOID TOUCHING YOUR FACE, NOSE AND MOUTH WITH UNCLEAR HANDS</b></p>	

# UPDATE FROM MINISTRY OF COMMUNICATION AND DIGITAL ECONOMY

## INFORMATION TECHNOLOGY PROJECTS CLEARANCE PROGRAMME HAS SAVED N22.5BILLION FOR THE FEDERAL GOVERNMENT - PANTAMI

**T**he Information Technology Projects Clearance programme has registered 727 users, cleared 325 projects and saved N22,459,306,220.96 billion for the Federal Government.

This was disclosed by the Minister Federal Ministry of Communications and Digital Economy, Dr Isa Ali Pantami at the ICT Stakeholders' Forum held on Thursday, 8th July 2021

Pantami also said that significant progress has been made in the NIN registration process across the country as the current number of monthly enrolments has increased significantly (by about 500%) to over 2.6 million registrations. As at 2019, the NIN database had only 38.3 million entries. Based on the updates of the NIN-registration process, over 58 million people have now been assigned NINs.

"It is noteworthy to mention the Digital Economy sector's support towards lifting the Nigerian economy out of recession. The Information and Communications Technology (ICT) sector recorded the highest growth rate of all the sectors of the Nigerian economy in both the fourth quarter of 2020 (Q4 2020) and the entire year 2020. This was based on the Q4 2020 Report on Nigeria's Gross Domestic Product (GDP) released by the National Bureau of Statistics (NBS), Pantami said.

Excerpt is the full text of the speech:

I am very delighted to address this distinguished audience of the ICT Stakeholders and members of the Digital Economy family. As members of the same team, I look forward to discussing our activities as a Ministry and getting some feedback from you so that together we can ensure that the sector keeps playing a pivotal role in the growth of our economy.



I wish to start by extending sincere appreciation to His Excellency, President Muhammadu Buhari, GCFR, for the opportunity to serve as the Minister responsible for the Communications and Digital Economy Sector. I also want to thank you all- the stakeholders of the Digital Economy sector, for supporting in the growth of the sector.

This Stakeholders' Forum provides a good opportunity to discuss some of our modest achievements at the Ministry over the last 688 days (or 1 year, 10 months, 18 days). I look forward to a very engaging session.

Importance of the Digital Economy

The digital economy or Internet economy has been defined in various ways by different institutions. A common denominator in all the definitions centres around the utilization of digitized information and knowledge as key inputs to the economy. For convenience, we have defined a digital economy as any aspect of the economy that is based on or driven by digital technologies. According to a study by the European Commission, digital economies are recognized as the single most important drivers of innovation, competitiveness and growth for any economy.

Today, the digital economy is widely accepted to

be a core driver of global growth. According to a Report by Huawei and Oxford Economics titled “Digital Spill over: Measuring the True Impact of the Digital Economy”, in the year 2016, the global digital economy was valued at \$11.5 trillion dollars equivalent to about 15.5% of the Global Gross Domestic Product (GDP). The report estimates a US \$1.7 trillion boost to this value by 2025, culminating to an equivalent of 24.3% of global GDP. In fact, this report seems to have been overtaken by events of the past year, as recent estimates suggest the Global Digital Economy is already valued at 23% of the global economy.

According to McKinsey, the digital economy in Africa is expected to grow to over \$300 billion by 2025. The World Economic Forum also predicts that over 60% of global GDP will be digitized by 2022 and that within the next decade, digital platforms will be used to create close to 70% of new value. We are also witnesses to how the COVID-19 pandemic has greatly increased the adoption of digital technologies. All these show the great value of the digital economy and serve as an incentive for countries to prioritize its development.

#### Nigeria’s Digital Economy Journey

Bearing in mind the importance of a digital economy, His Excellency, President Muhammadu Buhari, GCFR, approved our request to redesignate the Federal Ministry of Communications as the Federal Ministry of Communications and Digital Economy on the 17th of October, 2019. The change was officially endorsed at the Federal Executive Council on the 23rd of October, 2019 and the process of implementing a digital economy for the country began on the 24th of October, 2019, which was approved as the Digital Nigeria Day.

Incidentally, the 24th of October also marks the day declared by the United Nations as the World Development Information Day. The United Nations Resolution A/RES/65/141 announced this date and noted that “Information and communications technologies have the potential to provide new solutions to development challenges, particularly in the

context of globalization, and can foster economic growth, competitiveness, access to information and knowledge, poverty eradication and social inclusion.”

As part of our efforts to develop Nigeria’s Digital Economy, we developed a National Digital Economy Policy and Strategy for a Digital Nigeria. The Policy is based on 8 pillars we have identified as the core pillars required for the sustainable development of the sector. The implementation of the Policy and the updated mandate of our Ministry has enabled us to address the 3 focus areas of this administration, namely economic development, transparency and security. My discussion on our achievements will be grouped under these 3 areas.

#### FOCUS AREA 1: ECONOMIC DEVELOPMENT

##### Support for the Nigerian Economy

The COVID-19 pandemic had a negative effect on economies across the globe and the Nigerian economy was not spared as the pandemic led to a recession in Nigeria. The Digital Economy sector served as a catalyst for enabling our country to exit recession.

It is noteworthy to mention the Digital Economy sector’s support towards lifting the Nigerian economy out of recession. The Information and Communications Technology (ICT) sector recorded the highest growth rate of all the sectors of the Nigerian economy in both the fourth quarter of 2020 (Q4 2020) and the entire year 2020. This was based on the Q4 2020 Report on Nigeria’s Gross Domestic Product (GDP) released by the National Bureau of Statistics (NBS).

The 14.7% growth rate of the ICT sector was greater than the combined 14.21% growth of the 2nd to 7th fastest growing sectors in 2020. The telecommunications sector also recorded a growth rate of 15.90% and this was its highest growth rate in the last 10 years. The NBS released the Q1 2021 Report and the ICT sector retained its position as the fastest growing sector of the economy. The Digital Economy sector has proven to be vital for the diversification of the economy.



# PANTAMI

## HACKATHON FOR DIGITAL ECONOMY

Organised by  
Nigeria Computer Society

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## NOTICE OF ANNUAL GENERAL MEETING (AGM)

This is to notify all Members of the Nigeria Computer Society (NCS) that the Annual General Meeting (AGM) of the Society will take place as follows:

**Date:** Thursday August 5, 2021

**Venue:** Ibom Hall, Uyo, Akwa Ibom State

**Time:** 10:00AM Prompt

### AGENDA:

1. Opening Formalities
2. Reading and adoption of the Minutes of the last AGM
3. Matters arising from the Minutes of the last AGM
4. President's Address
5. Executive Secretary's Report and Discussion
6. Audit Reports
7. Appointment of Auditors
8. Any Other Business (AOB)
9. Venue of next AGM/Conference
10. Dissolution of 2019/2021 National Executive Council
11. Election of 2021/2023 National Executive Council
12. Closing formalities

**Mr. Iyiola Ayoola FNCS**

Executive Secretary

*International Conference*

ON

**"Innovative Systems for Digital Economy"**

**ISDE** 2021

**Tue 3rd - Thur 5th Aug., 2021.**

**Uyo, Akwa, Ibom State.**



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# INTERNATIONAL CONFERENCE ON INNOVATIVE SYSTEMS FOR DIGITAL ECONOMY

**A** 3RD - 5TH AUG., 2021. **UYO, AKWA IBOM STATE.**

## CALL FOR PAPERS AND PARTICIPATION

### PREAMBLE

The past decade has witnessed a major disruption in the way businesses are conducted globally. The digital economy is deeply changing the actions of both governments, businesses, and the citizen. Transforming a nation digitally is a daunting task that requires paradigm shift from the status quo. It is a journey that requires the right team with new mindsets and skills. At the core of digital economy is innovation. It drives growth and stabilizes the economy through a well-coordinated relationship between the interconnected businesses, consumers and machines, powerful computing technology, intelligent devices, and cyber intelligence. The international conference on **Innovative systems for Digital Economy** will provide opportunity for governments, businesses, Academia, the technical community and civil society to consider broad social, economic, and technical trends affecting the development of the digital economy and discuss policies that could respond to evolving societal demands.

### SCOPE AND TOPICS

Authors are solicited to contribute to the conference by submitting articles that illustrate research results, projects, surveying works and industrial experiences that describe significant strategy in developing next generation digital economy relating to the theme and sub themes.

### SUB-THEMES

- Technopreneurship: Powering Creativity
- Regulation and Digital Consumer privacy
- Inclusive vs. Disruptive Innovation
- IoT and Robotics on customer Behavior
- Globalization and its effect on a digital economy
- Digital Economy: Governance, Policy and Regulatory framework
- Cyber Intelligence for National Security
- Broadband: Citizen and Digital Access Rights
- Digital Technologies in Agriculture
- Redefining Healthcare in Digital Economy
- Education: Beyond the Wall
- Agenda for Digital Gender
- Energy efficiency (end user energy demand)
- Behavioral research (Human response to digital integration)
- Cloud and Edge computing
- Data, information, and knowledge (New frontiers for Data production, capture, and processing)
- Design and Human Computer Interaction (How modern designs are impacting usage of new technology)
- Pervasive / ubiquitous computing and social acceptance
- Social computing/interactions (Understanding social processes towards digital technologies)
- Security, privacy, and trust

### REGISTRATION FEES:

<b>Early Bird January 01 – April 15, 2020</b>	<b>Late Bird April 16 – July 30, 2020</b>	<b>Registration at Venue</b>
Member fee is N50,000:00	Member fee is N55,000:00	Member fee is N60,000:00
Non-Member is N60,000:00	Non-Member is N65,000:00	Non-Member is N70,000:00
Student/NYSC: N15,000:00	Student/NYSC: N20,000:00	Student/NYSC: N25,000:00

For Registration and Paper submission, visit [conference.ncs.org.ng](http://conference.ncs.org.ng)

### IMPORTANT DATES

<b>Full Paper Submission Deadline:</b>	<b>Feb. 21, 2021</b>
<b>Notification of Acceptance:</b>	<b>April 15, 2021</b>
<b>Final Manuscript &amp; Registration:</b>	<b>May 30, 2021</b>

### FOR ENQUIRY, CONTACT ANY OF THE FOLLOWING

**The National Secretariat:** Plot 10, Otonba Jobi Fele Way, Behind MKO Abiola Gardens, Alausa, Ikeja - Lagos  
**Tel:** +234(0)8097744600, 09038353783 | **E-mail:** [conferences@ncs.org.ng](mailto:conferences@ncs.org.ng)  
**Chairman Conferences Committee:** Ayodeji Rex Abitogun on 08057323870  
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**Abuja Office:** Plot 1321, Aderemi Adesoji Street, Cadastral Zone B1, by Hot FM, Gudu District, Abuja  
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For More Enquiries:

Visit: [www.ncs.org.ng](http://www.ncs.org.ng) or **Email:** [ncs@ncs.org.ng](mailto:ncs@ncs.org.ng) or Call 08097744600, 09038353783

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**FOR SUBMISSIONS OF ARTICLE  
OR EVENT**

**KINDLY CONTACT EMAIL:**

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