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## PROF. ADESINA SODIYA'S 20 MONTHS STEWARDSHIP AS PRESIDENT OF NCS

**P**rofessor Simon Adesina Sodiya was elected President of Nigeria Computer Society (NCS) in July 2019. He is also a lecturer at the Department of Computer Science, Federal University of Agriculture, Abeokuta, (FUNAAB), Ogun State (Nigeria).



Sodiya who served as the immediate past president, Information Technology Systems and Security Professionals (ITSSP), an IT Security interest group under NCS, was elected at the Society's 14th International Conference held at the International Hotel, Gombe State.

NCS' members reposed great confidence in Prof. Sodiya as someone with the experience, pedigree and expertise required for the apex job at the Society, especially as his campaign promises were premised on "to refoot and give NCS a new direction".

Thus, by July it will be exactly two years of piloting the affairs of NCS. A media house approached the President to ascertain how his leadership has fared in the pursuit of the promises anchored on; promoting members' interest, leading an inclusive development of IT profession,

repositioning NCS in the global rating and to lead youth development driven leadership.

He also met a gigantic project; which is the construction of five-story building for the new secretariat. How far has he gone on this project despite the novel Coronavirus Pandemic among sundry issues.

### **Achievements:**

In his words, "When you come to an office with clear intentions and have put strategies in place, you are not going to find some of the things difficult to achieve them. Before I became the president I was in the NEC (of NCS) for about 8 years. I am fully aware of developments in NCS.

Running a Society like this is more of serving the interest of your members. Many of them are joining the association for professional development. So, they will measure your performance based on how well they are gaining in that area. Therefore, we considered serving members' interest as crucial. We have focused majorly on education; helping members to be update to date with emerging technologies. Don't forget that this is a dynamic discipline with changes almost daily. We have had a number of capacity building programs.

"In the area of research and development, we have created digital

library for our members. All our articles and journals are now available to members, online.

"On NCS-government relationship, we have stepped up engagements and continue to make impacts on policy developments. In areas where we needed to challenge the government we have done that constructively.

In the area of membership, we have continued to attract attention of practitioners who weren't considering joining NCS before now. During our induction ceremony in year 2020 we were able to get 800 new members. That means our efforts are paying off. We have set new target for this year. We are looking at getting up to 1000 IT practitioners for induction.

"We used to be members of IFIP – International Federation of Information Processing. At a point our membership was terminated. Now, we have reconnected to the body. We have also renewed our membership of the British Computer Society (BCS). And more international recognitions are coming for NCS.

### **The challenges:**

"Well, they are not peculiar to NCS. The challenges are faced by all professional bodies which is having the funding to executive your programs. There are many things we set out to accomplish but have

delayed due to funding like our building.

“When I came on board, I thought within two years we would have gotten pass the stage we are presently. Though we have tried by signing a contract that will get the project to roofing stage, but we wished to do more. When we came on board it was at the third floor stage. We are taking it to the final floor and COVID-19 contributed to these challenges.

Apart from that, sincerely, members of the executive, the secretariat are all performing well. All our activities have received interest from within and outside the country.

Prof. Adesina Sodiya added that his major interest is to leave NCS better than he met it.

When asked how easy or difficult has it been combining his lecturing job with the NCS presidency, he said:

“It is actually a lot of work combining the two tasks. NCS work at times is more than full-time work; that is if you want to really dedicate yourself to it. But because of the interest we have to continue to do our part because we have generations coming that we have to set pace for them. Well, I am used to multi-tasking.

The NCS President, Prof. Adesina Sodiya also declared NCS's stand on the current travails of the Minister of Communications and Digital Economy, Dr. Isa Ali Ibrahim (Pantami), NIMC project, NIN-SIM integration policy, national security agenda, and efforts to close ranks with other IT related bodies to achieve common goal of economic and professional development in Nigeria.



[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

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



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

# DIGITAL ECONOMY: FG URGED TO INVOLVE INDIGENOUS IT PROFESSIONALS

The federal government has been urged to involve information technology (IT) professionals in its digital economy drive in order to achieve the desired results.

President, Nigeria Computer Society (NCS), Prof. Adesina Sodiya, said the federal government would achieve faster and better results when indigenous IT professionals are involved.

He frowned upon the situation where the federal government still rely on foreign IT professionals to execute sensitive government projects, thereby putting citizens' sensitive data at risk while encouraging capital flight in the process.

Sodiya, together with the Executive Secretary of NCS, Mr. Iyiola Ayoola, spoke in Lagos recently, during the monthly interactive session with the media.

According to Sodiya, "NCS has experts in all areas of Information Technology.

We have professionals with global competitive skills that we need as a nation to drive our IT projects, especially the drive towards achieving digital economy by digitizing all government processes. What we believe is that the government needs to look inward, support indigenous IT professionals by providing enabling environment, and

supporting indigenous experts to deliver the right solutions when needed."

He gave instances how a member of NCS, developed and launched home-grown solution called Konn3ct, designed for online meetings and conferences that could favourably compete with the likes Zoom, Microsoft Team, and Webex.

He said such NCS member needed government support and the enabling business environment to perfect the solution and develop more for the country.

"The target we have set for ourselves at NCS is that nobody will be using foreign related meeting apps before the end of the year, especially when Konn3ct is available. There are other organisations coming up with a lot of solutions. FinTrak has a lot of products for the financial sector. They are competing at the global level, receiving recognitions. So, in the area of software, there is no software that Nigerians cannot develop as a nation.

"We have the talents and skills, but patronage and government support are the biggest issues we face. I am aware of a bank in Nigeria that spends about \$200 million on foreign software annually. You can imagine if we have that money

injected into Nigeria's economy, we will be able to create more jobs for our growing youth population," Sodiya said.

He added that with the development of the financial technology (fintech) startups, the banks are beginning to understand they can't continue to look outside.

Sodiya blamed the federal government for the slow adoption of digital transformation, as most Ministries, Department and Agencies (MDAs) of government still want to retain the old system of communication. He however promised that NCS would continue to educate and engage them in series of discussions.

Ayoola, also stressed the need for the federal government to domesticate broadband policies, through the domestication of the office of the National Information Technology Development A

gency (NITDA) across the states and local government areas of the country, in order to ease decision making and deployment of government services.

"The federal government will need to make that sacrifice of domesticating broadband policies if government is really serious about developing rural and unserved communities," Ayoola said.

For some time now NCS has been calling on the federal government and state governors to domesticate the office of NITDA across different states, including other government agencies like Galaxy Backbone. If that is achieved, development will happen faster, especially in the area of infrastructure deployment. The idea of government operating from a single office of NITDA in Abuja, will slow development across the country, Ayoola further said.

He explained that it would be difficult to stay in Abuja and make policies that affect rural areas when it comes to infrastructural deployment.

Although Ayoola commended the current initiative of NITDA to build ICT hubs in each of the six geopolitical zones of the country, he however said Nigeria could build more ICT hubs if NITDA's office is replicated in all the states and local government areas.

# NIGERIA: HOW NATIONAL DATABASE CAN BE USED TO FIGHT INSECURITY - SODIYA

**P**rof. Simon Adesina Sodiya is the President, Nigeria Computer Society. In this interview he assessed the National Identity Management Commission (NIMC's) project aimed at building a robust, secured and valid national database for the country. He also looked at the security situation and solutions viz-a-viz the NIN-SIM integration policy of the Federal Government. He discussed other fundamental issues in the Nigeria's information technology ecosystem. Excerpt:

**In a new area of ICT development in Nigeria, recently the Federal Government lifted ban on new SIM cards registration, which has been an issue; Nigerians complained that the decision was very harsh on them and businesses. Would you say we achieved the purpose of that ban? How do you see the security situation in the country now?**

Prof. Sodiya: Talking about security in the country and how we have been able to tackle it viz-a-viz the policy that the Ministry of Communications and Digital Economy brought to bear some times ago; as a nation, we actually needed to link the SIM cards and our National Identification Number (NIN) together.

The policy is actually a good one, because all along we have been emphasizing the need for us to know ourselves (Nigeria's



population with valid identity).

There are many foreigners in this country that we know nothing (no identification) about them. Some of them ran to this country without proper documentations. Essentially, it is a good thing the Ministry took steps towards ensuring that we have a unified national database.

Of course, the security challenges we have in Nigeria is still there even with the NIN registration. I think as at the last count the total number of registrations is 51 million plus. Of course, we know that we are close to 200 million now. It then shows we have less than 50% of the populations covered (registered). One could have expected that the majority of Nigerians by now should have been registered.

Don't forget that the immediate registration target was meant to close by January 2021, it was extended; and the Ministry has

continued to extend it to give room for more registrations. We are thinking that the database should be close to 90% in terms of NIN enrollments. Unfortunately, I don't think we've gotten to that.

I think we are just around the average. The truth is that we cannot completely solve security problem in this country overnight, especially if you don't have a safe and secured national database.

We're also talking about adopting technology to solving the security challenges. The primary technology here is a valid national database.

If you're able to match fingerprints to suspected criminal then you are making ahead way. In other words, if you fail to match fingerprints and financial records to a database, you will not be able to know where to start in solving large scale security challenge like terrorism.

So, we need to know ourselves and we need to continue to encourage ourselves. The policy that government is trying to push is that every citizen of this country must register. I want to encourage Nigerians to get registered.

Government's policy has not yielded expected results because not everybody has registered. We don't want to get to a situation where this policy direction fails to assist law enforcement agencies to be able track criminals.

There are also occasions where some of these criminal elements perpetuate their

evil acts and run away. There are so many things we can use to know who these people are.

We should also be considering getting our forensic acts together to be able to interpret fingerprints in-country. Some of the criminals or bandits leave fingerprints on some surfaces. You know, some of them attack villages and people using motorbikes and in some cases they leave these bikes behind.

Those tools can still be used to track them. So, if we are going to fully adopt technology (ICT) to assist in solving problem of security in our nation, we need this national database; that policy is good and we are hopeful that it will become more impactful in the fight against insecurity.

We are encouraging NIMC to continue in this direction. They should also continue with mobilisation and encouraging citizens to enroll. There are times when the application of force fails to achieve the desired result. We have seen that even with the threats by the Ministry that failure to register within certain period, a SIM card user stands to get disconnected and so forth; the registration hasn't improved as desired. But we take solace in the fact that we have moved from the situation in the past. Definitely we shall get it right. A time is coming when NIN will be needed for JAMB examinations and some fillings with the government agencies.

**You just said that the NIN-SIM integration policy is good, although**

**insecurity persists. Do you see the NIN-SIM integration addressing insecurity in the country? On the issue of national database, there are data residing in silo data centers which ought to have been integrated, so how is NCS supporting NIMC in this regard?**

Prof. Sodiya: Let me start by saying that when the present government came on board about six years ago, Nigeria Computer Society was pushing on the need a national integrated database. And we were talking to the then Secretary to Government of Federation (SGF), Babachir Lawal. In fact, NCS at that time constituted a committee to come up with a model that is suitable for the purpose; a model that we can use to actually integrate our different databases. We made a presentation to the SGF. We also made other proposals including suggesting the policy on whistleblowing. The government adopted that policy (on whistleblowing) without ever recognising the body (NCS) that presented it to them.

So, on the issue of databases operating in silos, we are even wasting resources where the National Population Commission will have its data warehouse, the Immigration Service operates a separate database; Police, Customs, and others. So, our presentation centered on the fact that we must have a primary record.

The primary and/or foundational record will harmonise these different databases. And that is the direction NIMC is going now.

Don't forget NIMC had told us not to expect any plastic card so soon. What is important now is the NIN with which they will have handshake with other agencies. When the records are harmonized we will have the primary key, because in any national database you cannot have just one feed.

You will have the NIN with primary biometrics information; fingerprints, etc. So, there will be other information relating to different agencies like call records, registration, vehicle registration, vehicle numbers, the owner, year of purchase, etc., these are to be generated by these sister agencies. But information that has to do with personal identity will have to be retained by NIMC. Even the ones by banks have to be linked to NIMC's database.

We are happy to have a DG who is ready to interact with stakeholders. We're also presently developing a training programme for the staff of NIMC. So, NIMC is working with us and any time we have insights to assist the work we present to the Commission. That is not to say it is now uhuru with regards fully ready national database. They still need to improve on their program, because if they're not at a situation where about 95% of the citizens have NIN, I think we are not yet there. Building a robust national database is work in progress.

**For full interview story, Kindly visit <https://techeconomy.ng/2021/04/nigeria-how-national-database-can-be-used-to-fight-insecurity-sodiya/>**



# NIGERIAN STUDENTS ARE GRAPPLING WITH HIGH INTERNET COSTS AMONG OTHER CONCERNS- OLAMILEKAN ABOLADE

**O**lamilekan Abolade, the NACOS National President said Nigerian Students are grappling with high internet cost and some other concerning issues, he made know a case of student from South West, in his words he said:

Mowa Ijasanmi is a university student in southwest Nigeria. He spends as much as N18,000 (\$50) every month to access the internet. His time on the internet is spent attending virtual meetings, streaming or downloading lecture videos, and communicating with people. The high cost of data in Nigeria is one of the many challenges Nigerian students like Mowa face.

## High Cost of Internet

In terms of usage, Nigerian students and youths are among the highest users of internet services especially those in the IT sector. In a recent survey of 85 countries, Nigeria was reported to have one of the highest costs of internet service globally and in Africa. On the overall analysis of the digital quality of life index in 2020, Nigeria ranked 81st out of 85 countries. To improve the state of the internet, the Nigerian government last year announced it was looking at achieving 70% broadband penetration in four years and digitizing government processes for openness and speed of service delivery. With Nigeria's internet penetration at almost 50%,



achieving this feat looks like a low hanging fruit.

## Investing in Technology Infrastructure

As part of its efforts to provide technology infrastructure, in November 2020, the Federal Government of Nigeria commissioned the National Centre for Artificial Intelligence and Robotics in Abuja. The centre was said to be equipped with a 3Dprinter, training facilities, a digital innovation lab, a co-working space for startups, and many more.

In February 2021, the construction of a National ICT Park, which was estimated to cost a whopping N8.1Billion (\$23.4M), was approved.

These recent projects make one wonder why so much is being spent on buildings when a significant portion of the nation's citizens are still battling with digital

illiteracy,

It's worth questioning if these projects just sound good on paper but in reality, have little or no impact. How many individuals have access to these facilities?

### Improving Digital Literacy

Another target set by the Nigerian government is to achieve 95% digital literacy in 10 years. I agree it's the right step forward and one of the prerequisites of having a digital economy, but what steps are taken to reach this goal?

With a population of over 200 million people, we cannot deny the fact that Nigeria is in dire need of digital literacy infrastructures and reformed communications policies.

The National Information Technology Development Agency (NITDA), under the Ministry Of Communications And Digital Economy recently announced the commencement of Digital Literacy and Skills Programme for States. This is a great development but the question here is who are the beneficiaries of this skill programme as it is said that only 540 per state and a total of 20,000 youths will be beneficial of the program across the 36 states of the federation? Just 20,000 youths out of over 100million youths in the country.

One solution is to recognize and engage local actors and stakeholders to take up the responsibility. By doing this, this program would be able to benefit a wider audience.

### Enabling environment for tech startups

The tech startup space has shown great promise in Nigeria, with the success stories of companies like Paystack, Flutterwave and Interswitch. A significant portion of the \$1.3 billion venture money that was invested in Africa, was invested in Nigerian based companies. It's expensive to run a tech startup. The cost of getting technological gadgets is on the rise – Smartphones, Tablets, Laptops, IoT devices and several others. It'll be helpful if the government can intensify its efforts to reduce the startup costs of running a tech startup. Issuing grants and forming partnerships with essential service providers like Amazon Web service would be helpful.

In conclusion, there's so much that the government can do to create an enabling environment for Nigerian students, these are just a few out of many. However, the Nigeria Association of Computing Students (NACOS) which has been the apex students platform championing the development of Information Technology in Nigeria is calling on the government through the National Information Technology Development Agency (NITDA) and Federal Ministry of Communications and Digital Economy to look into the potentials of this association to solve some of these challenges especially in the area of digital literacy as this will ensure that digital knowledge gets to the grassroots level.



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

*...Umbrella Organisation for all IT Professionals & Stakeholders in Nigeria*

## OUR MISSION

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

Join The umbrella body of all IT practitioners,  
NIGERIA COMPUTER SOCIETY (NCS)

- Career and capacity development
- Contribution to national IT development
- 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:

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

**FOR SUBMISSIONS OF  
ARTICLE OR EVENT  
KINDLY CONTACT**

**EMAIL:**

**e-voice@ncs.org.ng**



**FOR ADVERT  
PLACEMENT  
CONTACT:**

**0806 136 4681,  
0803 779 1078.**



# 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)

**STAY AT HOME IF YOU  
ARE UNWELL**



**WASH YOUR HANDS  
REGULARLY**



**COVER COUGHS AND  
SNEEZES WITH FACE  
MASK OR DISPOSABLE  
PAPER TISSUES**



**STAY 1.5 METRES AWAY  
FROM PEOPLE WHO ARE  
COUGHING OR  
SNEEZING**



**AVOID TOUCHING YOUR  
FACE, NOSE AND MOUTH  
WITH UNCLEAR HANDS**



# UPDATE FROM MINISTRY OF COMMUNICATION AND DIGITAL ECONOMY

## FEDERAL GOVERNMENT EMPOWERS NIGERIANS WITH DIGITAL SKILLS IN 12 STATES

**T**he Federal government has trained citizens with digital skills in twelve states across the country.

This is to ensure that Nigerians have the adequate digital literacy, skills and access required to create digital jobs that can drive the Digital Economy of the country.

The Minister of Communications and Digital Economy, Dr Isa Pantami who presided over the virtual closing ceremony of the Digital Jobs Creation, training in Abuja, encouraged the beneficiaries to take advantage of the mentorship opportunities that will be made available and commit to the continuous acquisition of skills.

The training was coordinated by the Communications Ministry, in twelve states, covering all the 6 geopolitical zones in the country, as follows: Nasarawa and Kogi (North-Central),



Imo and Enugu (South-East), Katsina and Jigawa (North-West), Oyo and Ogun (South-West), Borno and Taraba (North-East) and, Edo and Delta (South-South).

Dr Pantami urged participants to take the opportunity given to them with all seriousness and ensure that they make good use of the knowledge and tools provided to create jobs for themselves and others in various sectors of the economy.

In a statement by the Minister's Spokesperson, Mrs Uwa Suleiman said the Ministry is championing a paradigm shift that lays an emphasis

on skills, in preference to merely having degrees without skills, since degrees are meant to validate skills.

This is in line with the Digital Nigeria Programme launched by President Muhammadu Buhari, on the 19th of March 2020 and the Economic Sustainability Plan (ESP) of the Federal Government, which aims to enable Nigerians to respond robustly and appropriately to the challenges posed by the COVID-19 pandemic and propose clear-cut strategies to keep existing jobs and create opportunities for new ones.

The Digital Job Creation Programme also aligns with several pillars of the

National Digital Economy Policy for a Digital Nigeria, including Pillar #2 on Digital Literacy and Skills. This Pillar recognises the fact that citizens are the greatest assets in the digital economy and it supports the development of a large pool of digitally literate and digitally skilled citizens.

Participants were provided with laptops and some stipend in addition to the digital skills acquired during the training.

They will also be provided with a modem with a 1year broadband subscription.



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# PANTAMI

## HACKATHON FOR DIGITAL ECONOMY

Organised by  
Nigeria Computer Society

**WATCH OUT!**





## 2<sup>ND</sup> STAKEHOLDERS' FORUM ON CYBERSECURITY

### PARTNERS



### THEME:

## ADDRESSING NIGERIA CYBERSECURITY CHALLENGES

**Venue:** Sheraton Hotel, Abuja

**Date:** 25th May, 2021 | **Time:** 9.00am - 5.00pm

**Registration:** Free

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

### Introduction

Current local and international reports indicate that cyber attacks in Nigeria is still on the increase despite the fact that many attack incidences in Nigeria are not reported. Today, individuals, governments and corporate organisations are losing huge sum of money and properties as a result of cyber attacks. Threat landscape continue to change rapidly, and attacks are increasing in might and sophistication. It is also believed that this trend will continue in the nearest future.

The potentials and trends of cyber attacks have also taken another dimension since the current pandemic (Covid-19) has forced many individuals, governments and corporate organizations to move most of their operations and activities online. We have also seen recently many reported attacks on public facing systems in Nigeria. Consequently, concerted effort is needed to enhance Cyber Security in Nigeria.

Nigeria Computer Society (NCS), the umbrella body for all IT practitioners and interest groups, has a core mandate of supporting government towards the realisation of a safe and secured deployment and use of IT resources. NCS intends to make this Stakeholders' Meeting a pungent platform for analysing the situation critically and provide reliable solutions to Nation's Cyber Security challenges. Experts from various aspects of the economy will be invited to lead discussions at the meeting. NCS remains committed to IT Development in Nigeria and has scheduled many programmes geared towards addressing the factors mitigating efficient use of IT for leapfrogging development.

### Talking Points:

Financial Frauds | Cyber Attacks | Social Media Hacking | Cybersecurity Education  
Formulating National Cybersecurity Strategies | Cybersecurity Regulations and Ethics  
Youths and Social Media | Fake News and Hate Speech

### For whom?

Financial Institutions | Regulatory Agencies | Governments | Corporate Organisations  
| Telecommunication Institutions | Information Technology Professionals | Security  
Experts | Law Enforcement Agencies

**"Come, let us discuss Nation's Cyber Security Challenges"**

### Enquiries:

**The National Secretariat:** Plot 10, Otunba Jobi Fele Way, Behind MKO Abiola Gardens, Central Business District, Alausa, Ikeja, Lagos State. **Tel.:** 08097744600, 09038353783 | **E-mail:** [ncs@ncs.org.ng](mailto:ncs@ncs.org.ng)





# CYBERCRIME DETECTION AND FORENSIC INVESTIGATION WORKSHOP

Date: 26th - 28th May 2021 || Venue: National Open University, Abuja.

## TOPICS

- Understanding cybersecurity and cyber crimes
- Mobile Application security
- Building strong authentication systems
- Network security
- Social media ming
- Fraud prevention and detection
- Mitigating strategies for social engineering attacks
- Detection of DDoS and other coordinated attacks
- Cyber policing
- Cyber threats intelligence
- Application of artificial intelligence in cybercrime detection
- Investigating and prosecuting cybercrimes
- Modern techniques for forensic computing
- Enforcement strategies for cybercrime laws and policies

## EXPECTED PARTICIPANTS

Administrators, Chief Executives, Technology Officers, Academia, Information Technology Professionals, Security Experts and Students

FROM:

- Government Institutions
- Financial Institutions
- Regulatory Agencies
- Corporate Organisations
- Telecommunication Institutions
- Law Enforcement Agencies



## ABOUT THE WORKSHOP

This workshop is aimed at providing technical skills in the areas of cybercrime detection and digital forensic. It will provide an in-depth practical knowledge in the prevention, detection and investigation of cybercrimes.

Various national and international reports have also revealed that there are still few cybersecurity experts in Nigeria. The workshop is intended to provide the needed capacity for information technology advancement of the nation and further develop cybersecurity professionals of international standard.



## BRIEF ABOUT NCS

Nigeria Computer Society, the umbrella body for all Information Technology professionals, has a core mandate of developing skills and expertise across all areas of Information Technology.

The Society will continue to support and promote the use of modern IT-based strategies and technologies for sustainable development of the nation.

## REGISTRATION FEES:

MEMBER – N50,000 (Early Bird, 30th April, 2021) and N60,000 (Late Bird, After April 30th, 2021)

NON-MEMBER – 60,000 (Early Bird, 30th April, 2021) and 70,000 (Late Bird, After April 30th, 2021)

FOR REGISTRATION & ENQUIRIES: Website: [www.ncs.org.ng](http://www.ncs.org.ng); E-mail: [ncs@ncs.org.ng](mailto:ncs@ncs.org.ng); Tel.: 08097744600



www.ncs.org.ng



# 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, Otunba 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  
**Taiwo** on +234(0)8098647348

**Abuja Office:** Plot 1321, Aderemi Adesoji Street, Cadastral Zone B1, by Hot FM, Gudu District, Abuja  
**Tel:** +234(0)7033020271, +234(0)8134956832

NCS National Secretariat

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



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



**NCS National Secretariat (Head Quarters):**

**Plot 10, Otunba Jobi Fele Way, Behind MKO Abiola  
Garden**

**Alausa, Ikeja - Lagos, Nigeria**

**E-mail: [ncs@ncs.org.ng](mailto:ncs@ncs.org.ng)**

**Telephone: +234 (0)8097744600, 09038353783**

**Abuja Office:**

**Plot 1321, Aderemi Adesoji Street, Cadastral Zone  
B1, by Hot FM, Gudu District, Abuja**

**Telephone: 09-2907287, 234-(0)703-302-0271**

**FOR SUBMISSIONS OF ARTICLE  
OR EVENT**

**KINDLY CONTACT EMAIL:**

**[e-voice@ncs.org.ng](mailto:e-voice@ncs.org.ng)**