

NANOTECHNOLOGY RESEARCH GROUP

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LAUTECH Nanotechnology Research Group
...Enabling Qualitative Research at the Smallest Scale



Our Ref.:

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COMMUNIQUE ISSUED AT THE END OF 3-DAY WORKSHOP/CONFERENCE ON 'NANOTECHNOLOGY FOR SUSTAINABLE DEVELOPMENT: PROSPECTS FOR AFRICA' ORGANIZED BY LAUTECH NANOTECHNOLOGY RESEARCH GROUP (NANO⁺) HELD ON 23-25 OCTOBER, 2018 AT THE HALL, LADOKE AKINTOLA UNIVERSITY OF TECHNOLOGY, OGBOMOSO, NIGERIA.

LAUTECH Nanotechnology Research Group (NANO⁺) is a multidisciplinary group comprising of scholars of Ladoke Akintola University of Technology (LAUTECH), Ogbomosho, which was formed on 4 September, 2014 to advance research in nanotechnology. The group organized the maiden edition of her workshop on 'synthesis, characterization and applications of nanoparticles' which attracted participants from institutions of higher learning, research institutes, agencies of government, and private sectors on 21-24 August 2017.

In furtherance of the pursuit of her cardinal objectives, the group organized her 2nd annual workshop/conference on nanotechnology tagged 'LAUTECH NANO 2018' on 23-25 October, 2018. The conference with the theme '**Nanotechnology for sustainable development: prospects for Africa**' drew more than one hundred scholars, policy makers, including the Minister of Science and Technology, Dr. Ogbonnaya Onu and participants from about thirty-five institutions and agencies in Nigeria. While seventy-two postgraduate students and early career scientists attended the one-day workshop on synthesis, characterization and applications of nanoparticles on 23 October, 2018, about sixty papers were presented at the conference (24-25 October, 2018) in diverse areas of agriculture, science, engineering and medical fields that can engender development in Africa through the multidisciplinary field of nanotechnology. The opening ceremony held on 24 October, 2018 drew large audience from the

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Dr. T.A. YEKEEN (Financial Secretary); Dr. M.A. AZEEZ; Dr. T.B. ASAFA (Technical Editor);
Dr. Y.K. SANUSI; Dr. E.A. ADEBAYO; Dr. M.O. DUROWOJU; Dr. O. ADEDOKUN;
Dr. J.A. BADMUS; Dr. M.K. AWODELE**

academia and members of the public that included about 100 students of a primary and five secondary schools.

At the end of the workshop/conference, the participants agreed that:

1. the workshop/conference underscored the importance of nanotechnology, and its immense potentials for the emancipation of Africa, particularly in the areas of energy, agriculture, health and water resources;
2. governments of African countries, including Nigeria should without further delays evolve policies and road maps on the utilization of Nanotechnology with dedicated and adequate funding to promote research and development, as well as establishing centres of excellence in nanotechnology;
3. researches in nanoscience and nanotechnology in Nigerian Universities and institutes should be prioritized and adequately funded by Federal and State governments and their agencies, industries and public-spirited organizations and individuals;
4. curricula should be re-engineered at various levels of education towards infusion of nanoscience and nanotechnology in them;
5. there is need to create a critical mass of specialists in this area through collaboration, advanced training, retraining, conferences, short courses and workshop;
6. there is need to vigorously pursue academia-industry collaboration towards using nanotechnology to solve societal and industrial problems, as well as creation of high-end products;
7. LAUTECH Nanotechnology Research Group (*NANO*⁺, www.nanotech.lautech.edu.ng) has maintained her leadership position in Nanotechnology research in Nigeria with track records of publications, collaboration, web presence and organization. The group was commended for the organization of the conference; noting that activities of the group and the University (LAUTECH) should be properly funded by the Owner states of Oyo and Osun;
8. the workshop/conference was timely, and an eye opener for participants who were eager to incorporate Nanotechnology in their areas of research.

Prof. A. Lateef



Head of Research Group

Dr. M.A. Azeez



Chairman, LOC, 'LAUTECH NANO 2018'

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