



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 ON SYNTHESIS, CHARACTERIZATION AND APPLICATIONS OF NANOPARTICLES BY LAUTECH NANOTECHNOLOGY RESEARCH GROUP (NANO⁺) HELD ON 21-24 AUGUST, 2017 AT ATIMAGGIES RESORT, OGBOMOSO, NIGERIA.

LAUTECH Nanotechnology Research Group (NANO⁺) is a multidisciplinary group domicile at Ladoke Akintola University of Technology (LAUTECH), Ogbomoso. It organized a 3-day national workshop on 'synthesis, characterization and applications of nanoparticles' which attracted participants from institutions of higher learning, research institutes, agencies of government, and private sectors. The workshop, which was held on 21-24 August 2017, witnessed presentation of five thought-provoking lectures, practical demonstrations and interactive sessions.

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

1. the workshop underscored the importance of nanotechnology, and its immense potentials for economic development of the nation and national integration;
2. although Nigeria Nanotechnology Initiative came on board in 2006, activities had been at low ebb in this area of research in the country. Consequently, Nigerian government should evolve a national policy on Nanotechnology with adequate funding;

**Members: Prof. A. LATEEF (Head of Research Group); Dr. I.C. OLADIPO (Secretary);
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**

3. more functional centres of excellence in nanotechnology with the state-of-the-art equipment should be created by government, noting that the only existing centre, Engineering and Materials Development Institute (EMDI, Akure) is grossly insufficient for the country;
4. 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;
5. curricula should be re-engineered at various levels of education towards infusion of nanoscience and nanotechnology in them;
6. there is need to create a critical mass of specialists in this area through collaboration, advanced training, retraining, conferences, short courses and workshop;
7. 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;
8. LAUTECH Nanotechnology Research Group (*NANO*⁺, www.nanotech.lautech.edu.ng) is the leading group in 'Biomimetic Nanotechnology' in the country with track records of publications, collaboration, web presence and organization. The group was commended for the organization of a national workshop on Nanotechnology; noting that activities of the group and the University (LAUTECH) should be properly funded by the Owner states of Oyo and Osun;
9. the workshop was timely, and an eye opener for participants who are enthusiastic to incorporate Nanotechnology in their areas of research. Consequently, participants are looking forward to national conferences from the group for showcasing possible outcomes of their research endeavours.



Prof. A. Lateef
Head of Research Group



Dr. M.A. Azeez
Chairman, LOC, LAUTECH NANO 2017



Dr. T.B. Asafa
Technical Editor

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