



Announcement

The Local Organizing Committee (LOC) on behalf of the above research group cordially invites all Research Scientists and Exhibitors in Microbiology, Medicine, Biomedical, Pharmaceutical, Environmental Studies, Biochemistry, Engineering, Food Science and Technology, Chemistry in institutions and industries to their maiden Workshop, 2017 to be held at Ladoke Akintola University of Technology, Ogbomosho, Oyo State.

Theme:

**Nanotechnology:
Key to Sustainable Development
and National Integration**

Sub-Themes

Nanoparticle synthesis | Characterization techniques

Application of nanoparticles in:

Medicine/biomedical and Pharmaceutical Industries

Engineering | Agriculture | Energy; oil, gas, renewable energy etc | Environment | Food and Nutrition

Workshop Highlights

Lectures | Practical sessions | Questions and Answers | Networking

Speakers

<p>Keynote Speaker Prof. E. O. Dare Professor of Nanotechnology, Department of Chemistry, Federal University of Agriculture, Abeokuta, Abeokuta, Nigeria</p>
<p>Guest Lecturer Dr. M. G. Zebaze Kana Associate Professor, Department of Materials Science and Engineering, Kwara State University, Malete, Ilorin, Nigeria.</p>
<p>Technical Presentation 1 Biosynthesis of nanoparticles Dr. M. A. Azeef Nanotechnology Research Group (NANO), LAUTECH., Ogbomosho, Nigeria.</p>
<p>Technical Presentation 2 Characterization and Applications of Nanoparticles Prof. A. Lateef Head, Nanotechnology Research Group (NANO), LAUTECH., Ogbomosho, Nigeria.</p>

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About Us

The [research group](#) was formed on September 4, 2014 to advance the course of research in the multidisciplinary subject of Nanotechnology at Ladoke Akintola University of Technology, Ogbomosho, Nigeria.

Hitherto, there seems not to be any virile research group in this area in the University. However, the University is endowed with scholars who have been trained or shown keen interests in this emerging discipline. Therefore, the pioneer members were propelled by quest to conduct meaningful research in this area, and also to train manpower, thereby putting LAUTECH in a vantage position in Nanotechnology Research in Nigeria. The group has the vision of transforming LAUTECH to a centre of excellence in Nanoscience and Nanotechnology in Nigeria.

The group is aimed at conducting research in the areas of synthesis, characterization, application and ecotoxicological safety evaluation of nanoparticles. At the moment, we have delved into investigations involving silver, gold and silver-gold alloy nanoparticles through green synthesis by using novel bacteria, plant and unconventional materials from Nigeria.

The group has drawn membership from dedicated young scholars from different Departments within the University; with advanced training in Molecular Biology, Industrial Microbiology, Biotechnology, Nanotechnology, Toxicology, Biochemistry, Materials Engineering and Nanofabrication. Since its formation, members of the group have published eighteen (18) quality research outcomes focusing on silver, gold, silver-gold alloy nanoparticles in reputable Journals with renowned publishing outfits such as SPRINGER, ELSEVIER, DE GRUYTER and IEEE.

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The group aimed at contributing to the growth of the University through Research and Training, while it is poised for collaborative research involving individuals, groups, institutions and industries. We have collaboration with scholars from University of KwaZulu-Natal, Pietermaritzburg, South Africa, and King Fahd University of Petroleum and Minerals, Saudi Arabia. The scientific meeting of the research group takes place monthly to discuss research activities within the mandate of the group. The 27th scientific meeting of the group was held on 20th April, 2017.

While the pioneer members are [Prof. A. Lateef, Dr. M.A. Azeef, Dr. T.A. Yekeen, Dr. T.B. Asafa, Dr. A. Akinboro, and Dr. I.C. Oladipo](#); the group admitted [Dr. E.A. Adebayo and Dr. Y.K. Sanusi to its fold on February 12, 2016 after rigorous selection exercise](#). Furthermore, [Dr. M.O. Durowoju, Dr. O. Adedokun and Dr. J.A. Badmus were admitted to the group on June 23, 2016. Members spread across the three existing sub-divisions viz Biological/Biomedical, Physical/Chemical, and Engineering and Technology cluster groups.](#)

The research group is headed by Prof. A. Lateef of the Department of Pure and Applied Biology.

Achievements

1. Membership of the research group increased from pioneer members of six to eleven distributed in the Departments of Pure and Applied Biology, Pure and Applied Physics, Science Laboratory Technology, Biochemistry, and Mechanical Engineering of the University.
2. The group launched its website www.nanotech.lautech.edu.ng on 24 June, 2016, which was designed to propagate the work of the group, and also to promote the good image of the University as a centre of excellence in research.

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- Establishment of Biological/Biomedical, Chemical/Physical, and Engineering/Technology Cluster groups.
- Publication of seven research articles by the pioneer members of the group, and several others by individual members in the area of nanotechnology
(check www.nanotech.lautech.edu.ng) for full list
- Collaboration with scientists at Osun State University, Osogbo, Ekiti State University, Ado-Ekiti, Lagos State University, Ojo, Federal University of Agriculture, Abeokuta, University of Nigeria, Nsukka, Kwara State University, Maleté, University of KwaZulu-Natal, South Africa, King Fahd University of Petroleum and Minerals among others.
- Establishment of antimicrobial, larvicidal, antioxidant, dye-degradation, anticoagulant, and thrombolytic (dissolution of blood clots) activities of silver, gold, and silver-gold alloy nanoparticles biosynthesized using plant, arthropod and bacterial extracts.

Payment and Registration

- The cost of the workshop is forty thousand naira (#40,000:00) only for early bird registration, while forty-five thousand naira (#45,000:00) would be charged for late registration at the venue of the workshop.
- Payment should be made into: **NANOTECHNOLOGY RESEARCH GROUP, Account Number 1019352988, UBA Plc.**
- After payment, participant should proceed to <http://lautechnanotech.com/files/conference.php> for registration. Following successful registration, an acknowledgment e-mail would be sent to the registrant, which should be printed and brought to the workshop.
- The workshop is billed to accommodate only fifty (50) participants. ONLY FULLY-PAID PARTICIPANTS WOULD BE ACCOMMODATED.**

Contacts: alateef@lautech.edu.ng; maazeez@lautech.edu.ng; icoladipo@lautech.edu.ng

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List of Guest Houses and Hotels around LAUTECH, prices and contacts

- ATIMAGGIES RESORT:** ₦8000.00 per room on week day and ₦5000.00 per room at Weekends. Bar and Kitchen available. **Contact: 08130066007**
- Kolarintz:** ₦5000.00 per room; ₦7500.00 per suite. Bar and Kitchen currently not in operation **Contact: 08033112487**
- Lyons Guest Inn:** ₦5,000.00 - ₦16,000.00. No bar and Kitchen but arrangement can be made for food delivery on request. **Contact: 08167429962**
- De-Niche Resort:** ₦4,000 - ₦6,000. Bar Kitchen and recreation facilities available. **Contact: 08033736465**
- Nest hotel:** ₦8,000 - ₦26,000. Bar and Kitchen available. **Contact: 08084881924**
- Doyin Guest house:** ₦4,000 - ₦5,000. Bar and Kitchen available. **Contact: 07032505551**
- Jastor Guest house:** ₦4,000 - ₦6,700. Bar and Kitchen available.
- WIBDAN Guest house:** ₦10,000 flat. Bar and Kitchen available. **Contact: 07032215748**

*All accommodations are not more than 500 metres from the University campus.

For further information, Contact:

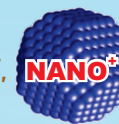
Chairman Organizing Committee
Dr. Misbaudeen Azeez
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LAOKE AKINTOLA UNIVERSITY OF TECHNOLOGY,
P.M.B 4000, OGBOMOSO, OYO STATE, NIGERIA



Presents

3-DAY WORKSHOP

On synthesis, characterization and application of Nanoparticles.

Theme

Nanotechnology: Key to Sustainable Development and National Integration

Host

Prof. O. M. Oni
Dean, Faculty of Pure and Applied Sciences,
LAUTECH., Ogbomosho

Chairman Organizing Committee

Dr. M. A. Azeez
Nanotechnology Research Group (NANO⁺),
LAUTECH., Ogbomosho, Nigeria.

Head of Research Group

Prof. A. Lateef
Head, Nanotechnology Research Group (NANO⁺),
LAUTECH., Ogbomosho, Nigeria.

Chief Host

Prof. A. S. Gbadegesin
Vice Chancellor LAUTECH., Ogbomosho



21ST - 24TH AUGUST, 2017



9:00AM Daily



Chief Tunde Afolabi Hall
Laboratory of Industrial Microbiology
and Nanobiotechnology