



Dr. OYELAMI Adekunle Taofeek
Reader / Associate Professor of Computer Integrated Manufacturing Engineering
Department of Mechatronics Engineering,
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EDUCATIONAL BACKGROUND

Degree	Discipline	Institution	Year
Ph.D.	Mechanical Engineering	Federal University of Agriculture, Abeokuta	2009 – 2012
M.B.A	Business Administration	Federal University of Technology, Akure	2006 – 2007
M.Eng.	Mechanical Engineering	Federal University of Technology, Akure	2004 – 2006
B.Tech.	Mechanical Engineering	Ladoke Akintola University of Technology, Ogbomoso	1997 – 2002

ACADEMIC EXPERIENCE

From – To	Employer	Designation	Status of Appointment
2023 – date	Federal University of Agriculture, Abeokuta, Nigeria	Reader (Associate Professor), Computer Integrated Manufacturing Engineering	Full Time
2020 - 2023		Senior Lecturer	
2017 - 2020		Lecturer 1	
2023 – 2025	Pan Atlantic University, Km 52, Lekki-Epe Expressway, Ibeju-Lekki, Lagos, Nigeria	Senior Lecturer (Sabbatical)	Sabbatical

INDUSTRIAL EXPERIENCE

S/N	Employer	Designation	Nature of Duty	Relevant Date
1.	Engineering Materials Development Institute (EMDI), Km 4 Ondo Road, P.M.B 611 Akure Ondo State	Chief Engineer	- Research and Development Work relating to Materials and Equipment Development	2016 – 2017
2.		Assistant Chief Engineer		2012 – 2015
3.		Principal Research & Development Officer	- Writing manufacturing codes for industrial CNC/VMC machines - Design and Development of Materials Processing Equipment	2011 – 2012

			- Supervision of Manufacturing/Fabrication Activities in the Workshop - Participation in the in the Strategic Planning of the Institute	
4.		Senior Research & Development Officer	- Research and Development Work relating to Materials and Equipment Development - Writing manufacturing codes for industrial CNC/VMC machines - Supervision of Manufacturing/Fabrication Activities in the Workshop	2007 – 2010
5.		Research & Development Officer I	- Research and Development Work relating to Materials and Equipment Development	2005 – 2007
6.		Research & Development Officer II	- Supervision of Manufacturing/Fabrication Activities in the Workshop	2003 – 2005

MEMBERSHIP OF PROFESSIONAL BODIES

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|----|--|-----------------|
| a) | Registered Mechanical Engineer with the Council for the Regulation of Engineering in Nigeria (COREN), Registration Number R.14,599 | October, 2007 |
| b) | Corporate Member, Nigerian Society of Engineers (NSE), Registration Number 32797 | September, 2014 |
| c) | Member, International Association of Engineers, Hong Kong, Registration Number 111154 | January, 2011 |
| d) | Fellow, Materials Science and Technology Society of Nigeria (FMSN) – (No: F/0522) | Dec, 2021 |

SELECTED INSTITUTIONAL ASSIGNMENTS/ COMMUNITY SERVICE

• At FUNAAB, Abeokuta

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|----|---|--|
| a) | Deputy Dean, College of Engineering FUNAAB | 2025 till date |
| b) | Member, FUNAAB Central Admission Committee | 2025 till date |
| c) | Member, Promotion Assessment Panel, Institute of Communication and General Studies, FUNAAB | 2025 till date |
| d) | Member, University Mock Accreditation Team for Electrical and Electronic Engineering NUC Accreditation | 2022 – 2023 |
| e) | Member, FUNAAB Curriculum Committee | 2021 – 2024 |
| f) | Member, FUNAAB Senate | 2021 – 2023 |
| g) | Acting Head, Department of Mechatronics Engineering, Federal University of Agriculture, Abeokuta, Nigeria | 2025 – date
Jan. 4, 2021 – Jan. 3, 2023 |
| h) | Coordinator, Department of Mechatronics Engineering, Federal University of Agriculture, Abeokuta, Nigeria | July 2, 2019 – Jan. 3, 2021 |

- **At EMDI-NASENI, Akure**

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|----|---|-------------|
| a) | Head; Design, Modeling and Simulation Department; Engineering Materials Development Institute Akure | 2012 – 2017 |
| b) | Member of Management Team, Engineering Materials Development Institute Akure | 2012 – 2017 |
| c) | Coordinator; Simulation, Modeling and Design Unit, Research and Development Department, Engineering Materials Development Institute Akure | 2008 –2012 |

- **General Community Services**

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|----|---|---------------------|
| a) | Approved Participant at the CSTD 2025-2026 Inter-sessional Panel organized by the United Nations Commission on Science and Technology for Development | November 17, 2025 |
| b) | Vice President (Materials Engineering), Materials Science and Technology Society of Nigeria | 2022 till date |
| c) | Chairman, Registration and Mobilization Sub-Committee of the 25 th COREN Engineering Assembly Local Organizing Committee | August 8 – 10, 2016 |
| d) | Member, Local Organizing Committee of 2015 National Engineering Conference and Annual General Meeting of the Nigerian Society of Engineers | 2015 |
| e) | Zonal Coordinator of Nigerian Society of Engineers (EMDI Zone of Akure Branch) | 2014 - 2017 |
| f) | Secretary General, Materials Science and Technology Society of Nigeria | 2014 – 2018 |
| g) | Member of the “Africa-EU Collaboration Group/Committee” on “Securing Financing to Foster Innovation Processes” | April 24 – 25, 2012 |

SELECTED PUBLICATIONS

1. **Oyelami A. T.**, Ajibodu A.O., Ihenacho G.C., and Olagunju M.O. (2026): Low-Cost Automated Zebra Crossing System with Actuated Safety Barrier. *Journal of Advanced Information and Intelligent Technology*. 21(2); 20-25, Published by the Daffodil International University, Bangladesh. Available online at <https://journals.diu.edu.bd/index.php/jaiit/article/view/31/14>
2. **Oyelami A. T.**, Modu M. C., Dasaolu S. O., Owodolu A. A. and Olagunju M. O. (2026): Design and Implementation of an IoT-Enabled Smart Water Purification System with Real Time Quality Monitoring. *OAUSTECH Journal of Engineering and Intelligent Technology*. 2(1); 56-64, Published by the School of Engineering and Engineering Technology, Olusegun Agagu University of Science and Technology (OAUSTECH), PMB 353, Okitipupa, Nigeria. Available online at https://journals.oaustech.edu.ng/article?doi=10-5281_zenodo-2007941
3. **A.T. Oyelami**, J.A. Oyadokun, O.A. Akintunlaji and G.C. Ihenacho (2024): Low-cost multi-sensing fire-fighting robot with obstacle avoidance mechanism. *IAES International Journal of Robotics and Automation (IJRA)*. 13(4); 373-379, Published by the Institute of Advanced Engineering and Science (IAES), Republic of Indonesia.
4. **A. Oyelami**, J. Ayodeji and O. Akintunlaji (2024): Development of Smart Wheelchair Using Acceleration Technology. *Nigerian Journal of Engineering*. 31(1); 54-62, Published by the Faculty of Engineering, Ahmadu Bello University, Zaria, Nigeria.
5. **A.T. Oyelami**, O. M. Bamgbose and O.A. Akintunlaji (2023): Mission-Planner Mapped Autonomous Robotic Lawn Mower. *Journal European des Systemes Automatises*. 56(2); 253-258, Published by the International Information and Engineering Technology Association (IIETA), Canada. Available online at <https://www.iieta.org/journals/jesa/paper/10.18280/jesa.560210>