

## List of Patents

University of Ilorin is one of the Most Patented Universities (MPU) in Nigeria. It was awarded the second-best university in 2025, in terms of the number of registered patents and inventions, by the National Office for Technological Acquisition and Promotion, NOTAP in 2025.

Below is a select list of patents and inventions by some faculty members of university. The list is still being updated

1. 2026 Development of Innovative Courseware Template for Open & Distance Learning, Abdulraheem Modinah A.O Center for Open and Distance learning Koladafe Olawale S Department of Educational Technology.
2. 2026 The Process Of Enhancing Inclusivity For Visually Impaired Learners Using The Textvision App And Raised Lines Paper Muhinat Bolanle Bello, Department of Social Sciences Education Nafisat A. Adedokun-Shitu, Department of Education Technology Nimata J.K. Abdullahi Department of Educational management
3. 2026 Artificial Intelligent Tutoring System for Remediating Misconceptions in Secondary School Biology, Adebimpe Abosede Ogundare, Olawale Sunday Koladafe and Ganiyu Bello, Department of Science Education
4. 2026. A Field-Deployment DC Resistivity Measurement System With Embedded Processing and Wireless Control, Abdulgafar tosin Jimoh, Samiu Olatunji, Dept of Geophysics.
5. 2026 Glocalise Curriculum And Glocalise Technology Tools, Nafisat Adedokun –Shitu, Nuhu Kehinde Muritala, Education Technology
6. 2026. RaS360: A Software for the Automation of Radial Sounding Data Processing and Interpretations, Saminu Olatunji, Geophysics Dept
7. 2026. Powdered Biofloculant for Water and Wastewater Treatment, Olatunji Matthew Kolawole
8. 2026. Design of Singeing Chamber and Stick Powered with Liquefied Petroleum Gas, Ismaila Idowu Ahmed
9. 2025. Dual-Purpose Furnace Powered with Liquefied Petroleum Gas for Melting and Deoxygenated Environment. Ahmed, I.A., Abdulkareem S., Ajiboye, A.T., Adebisi, J.A., Yahaya, T. and Talabi, S.I., Mechanical/Metalurgical Engineering
10. 2025. Torrefaction Chamber For Biochar Production, Jamiu Kolawole Odusote, Mat & Metalurgical Engineering
11. 2023. Over Head Tank Based Pumped Storage Hydropower System. Ladokun, L. L, Oladeji, A. S, Mohammed, A. A And Salami, A. W., Civil/Water Resources Engineering

12. 2023. De-Complexification of the Production of Permanent Magnet Generator for Small Hydropower Plants, Oladeji, A. S, Akorede, M. F And Salami, A. W., Electrical/Civil/Water Resources Engineering
13. 2023. Water wheel Hydropower System with Multiple speed Enhancers, Oladeji, A. S, Ladokun, L. L And Salami, A. W. Civil/Water resources Engineering
14. 2023. Axial flow Hydrokinetic Turbine System with venturi and Stability Enhancers, Ladokun, L. L and Salami, A. W. Civil/Water resources Engineering
15. 2023. Fuel-less Generator with a Direct Driven Charging System for Off-Grid Rural Electrification, Oladeji, A. S And Salami, A.W, Civil/Water resources Engineering
16. 2022. Non-Polarising Porous Pot Electrode for Geo-Electrical Survey, S. Olatunji  
Department of Geophysics
17. 2022. Biomass Densification Machine for Teaching and Research Purposes, Segun E. Ibitoye, Rasheedat M. Mahamood, Tien-Chien Jen and Esther T. Akinlabi
18. 2022. Portable Device for Detecting, Displaying and Recording Ground Motion, Wasiu Olanrewaju Raji, Habeeb Usman, Israel Igwe and Adegboyega Adepoju
19. 2022. Method and Apparatus for Biomass Torrefaction for Teaching and Research Purposes. Segun E. Ibitoye, Rasheedat M. Mahamood, Tien-Chien Jen, Esther T. Akinlabi, Isaac K. Adegun and Raheem T. Muhammad
20. 2021. Apparatus for Electric Power Failure and Restoration Notification, M. F. Akorede & H. O. Olorukooba
21. 2021. Dual-Purpose Furnace Powered with Palm Kernel Shell for Melting and Heat-treatment in Deoxygenated Environment, Ismaila Idowu Ahmed, Suleiman Abdulkareem, Aye Taiwo Ajiboye, Jeleel Adekunle Adebisi and Taiwo Yahaya
22. 2021. Solar-powered Rotating Residential Building for Electricity Generation A. A. Adedeji and A. A. Ajuwon
23. 2020. Method and Device for Making Pencils from Waste Paper, Habeeb A. Ajimotokan, Aishat Adebisi, AbdulLateef Adegoke, Akeem B. Kareem, Abubakar Bello and Idowu J. Towoju
24. 2020. Device and Apparatus for Milk Pasteurization, M. O. Sunmonu, M. M. Odewole and M. S. Sanusi
25. 2020. Process for Making Bio-Composite Abrasive Grinding Wheel, Habeeb A. Ajimotokan and Avidime A. Samuel
26. 2020. Method and Apparatus for Conditioning Dough and Inoculated Milk, M. S. Sanusi and M. O. Sunmonu
27. 2020. An Orthogonal Power-Transmission Lawn Mowing Cum Slashing Machine, S. M. Adedayo
28. 2019. Maximum Demand Controller with Integrated Web Server, Dr. M. F. Akorede and Engr. T. A. Olalekan
29. 2019. Wood Plastic Composite Binded by Polystyrene Based Resin, Prof. S. A. Abdulkareem and Dr. A. G. Adeniyi

30. 2019. Fibrillated Hybrid Polystyrene Composite for Ballistic Protection, Prof. S. A. Abdulkareem and Dr. A. G. Adeniyi.
31. 2018. System for Electricity Theft Detection and Prevention with Remote Control, Dr. M. F. Akorede, T. A. Olalekan, R. B. Adepoju, D. O. Itodo, M. O. Dickson
32. 2018. Tractor-Powered Raw Milk Silo, Dr. M. O. Sunmonu, Engr. M. M. Odewole and Engr. M. S. Sanusi.
33. 2019. Akinlolu-Raji Image processing Algorithm for forensic Analyses, Dr. Akinlolu, Abdul Azeez Adelaja and Prof. Raji, Abdulganiy Olayinka
34. 2019. Device for Detecting underground Petroleum tank leakages in filling station, Dr. Wasiu Olanrewaju Raji
35. 2019. Deep fat Fryer Equipped with cooking oil recyclable Mechanism, Dr. M. O. Sunmonu, Engr. M. M. Odewale and Engr M. S Sanusi
36. 2019. A Push type twin Bladed, Internal Combustion Engine Powered Shrub/ lawn mowing machine, Prof. Segun M. Adedayo and Mr. Olufemi Olutayo Jolayemi
37. 2019. Two-way Transilluminator Viewing Documentation System, Prof. O. M. Kolawole, M. M Suleimanan & I. J. Ogar, College of medicine
38. 2018. Use of Posterior Cervical Lip for Juxtacervical VesicoVirginal Fistula Closure (M. Ijaiya's Technique), Prof Munir'deen Aderemi Ijaiya
39. 2018. Tool Kit and Workflow For Processing Cross-Well Seismic Data (XW-GEOPRO), Dr. Wasiu. Olanrewaju. Raji, Geophysics Department.
40. 2018. Universal Version of Unilorin Automobile Speed Limiter, A.T. Ajiboye, G. A. Adedokun, O. A. Adewuyi, S. A. Abdulkareem, A. O. Yusuf, H. O. Mahmud
41. 2018. Hybrid Fuel Briquette from Coal Fines and Torrified Woody Biomass, Dr. A. A. Adeleke, Engr. Dr. J. K. Odusote, Prof. O. A. Lasode, Dr. D. Paswan & Dr. M. Malathi, Mechanical/Material and Metalurgical Engineering
42. 2017. Temporal bone Holder (Omokanye Adebola Alabi, Temporal bone), Habeeb K Omokanye, Stephen O Adebola, Suleiman B. Alabi, Khadijat O Omokanye, College of Medicine.
43. 2017. Unilorin automobile Speed limiter, AyeTaiwo Ajiboye, Ganiyu Adeyemi Adelokun, Oluwasanmi Adekunle Adewuyi Sulyman Age Abdulkareem, Abdulrahman Olalekan Yusuf, Hafeez Owolabi Mahmud, Computer/Mechanical/elect & elect/Chemical Engineering
44. 2010. Soil Compactor, Dr. D. A. Alao
45. 2010. Cocos Nucifera Husk Fibre: A potential Source of Cheap and Effective Antimalaria Drug, Dr. J. O Adebayo, Dr. A. Euzebio, Dr. G. Santana & Prof. A. U. Kretti
46. 2010. Catalytic Conversion of Low-Density Polyethylene (Discarded Pure Water Sachet) to Solid, Liquid and Gaseous Hydrocarbon Fuel, Prof. S. A. Abdulkareem & Taofiqat Amoloye, chemical engineering/Industrial chemistry

47. 2010. Catalytic Conversion of High Density Polyethylene (Yoghurt Bottles) to Solid, Liquid and Gaseous Hydrocarbon Fuel, Prof. S. A. Abdulkareem & Naimat Abdulaziz, Chemical Engineering Department.
48. 2010. Green Corrosion Inhibitor for Corrugated Iron Roofing Sheets, Prof. G. A. Olatunji, Chemistry Dept.
49. 2010. Protective Effect of Aqueous Extract of Celosia Atgentea Var Cristata Leaves Against Cadmium Induced Stress in rats, Prof Sylvia O. Malomo, M. T. Yakub, A. Ore., Dept of Biochemistry
50. 2010. Computerised System for Identification of Some Savanna Tree Species, .A. Abdulrahman, B.L Asaju, M. O. Arigbede, & Prof. A.A. Oladele, Computer science department.
51. (No year) Odebode-Agaja Adult Cervical Traction device, Dr. Timothy Olugbenga Odebode and Dr. Samuel Babatunde
52. (No year) Electro-Mechanical baby rocking bed, Dr. James A. Omoleye
53. (No year) Universal Incubator, Dr. James A. Omoleye
54. (No year) Wine Guava, Dr. Alhassan Sanni and Mr Sunday Awe
55. (No year) UNILORIN ® CANDLE, Dr. S. A. Kareem
56. 2005, Talk2 Chat: A desktop Software Application for Multimedia Communication on an Internet, M. O. Agbeniga
57. 2005, Unilor Oil Sorbing Wafers, Prof. S. A. Kareem
58. 2005. Unilor Lubricating Grease, Prof. S. A. Kareem