BAYERO UNIVERSITY, KANO
FACULTY OF ENGINEERING
Department of Mechanical Engineering
PMB 3011, Kano, NIGERIA

Vice Chancellor: Professor Haruna Musa fsi, FICCON, FPIN, FTRAN PhD (Bristol), MSC,BSC.(BUK)
HOD: Professor Ibrahim Abdullahi; B. Eng., M. Eng., PhD (BUK),MNSE, RE (COREN),

Tel: 064665904
GSM: 08028438580
Emails: hod.mec@buk.edu.ng
iabdulahi.mec@buk.edu.ng

19/9/2025

To:
The Executive Secretary,
NASENI Research Commercialization Grants Programme (NRCGP),
National Agency for Science and Engineering Infrastructure (NASENI),
17 M. S. Haruna Avenue, Idu Industrial Area, P.M.B. 391, Garki, Abuja, Nigeria.
Email: info@naseni.gov.ng

Subject: Endorsement of Research Proposal by Mr. Nasir Mohammed Tahir

Dear Sir/Madam,

I write to formally endorse the research proposal submitted by my former student, **Dr. Nasir Mohammed Tahir**, entitled:

"Development and Commercialization of a Sustainable Unmanned Aerial Vehicle (UAV) from a Novel Hybrid Biocomposite from *SterculiaSetigeraDelile*fibre, *Pterocarpuserinaceus* and Epoxy Matrix for Sustainable Nigerian Aerospace and Surveillance Applications."

Dr. Tahir was an exceptional student during his tenure at our department, demonstrating remarkable aptitude in mechanical and aerospace engineering, particularly in composite materials and sustainable technologies. His academic and research experience, including extensive work on development of a Novel Hybrid Biocomposte material subjected it to mechanical and physical testing. He also used the material in developing an Unmanned Aerial Vehicle Wing which has the potential to be produced as a full Unmanned Aerial Vehicle.

This proposed research aligns with Nigeria's strategic goals in sustainable aerospace development and high-technology manufacturing. I am confident that under his leadership, the project will not only advance scientific knowledge but also yield commercially viable solutions that can strengthen the local UAV industry, enhance surveillance capabilities, and promote the adoption of sustainable materials in aerospace applications.

I, therefore, strongly support Mr. Tahir's application for the NASENI Research Commercialization Grant and recommend his proposal for favorable consideration. Should you require any further information or clarification, please feel free to contact me at iabdullahi.mec@buk.edu.ng or +2348028438580.

Yours sincerely,

Professor Ibrahim Abdullahi
Head, Department of
Mechanical Engineering
Bayero University Kano