Flexible Donor-Acceptor Nanocomposite for Triggered Photocatalytic CO_2 fixation via an Artificial Leaf Approach

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1. Universal testing machine setup (UTM Model- EZ50) for tensile and flexural tests

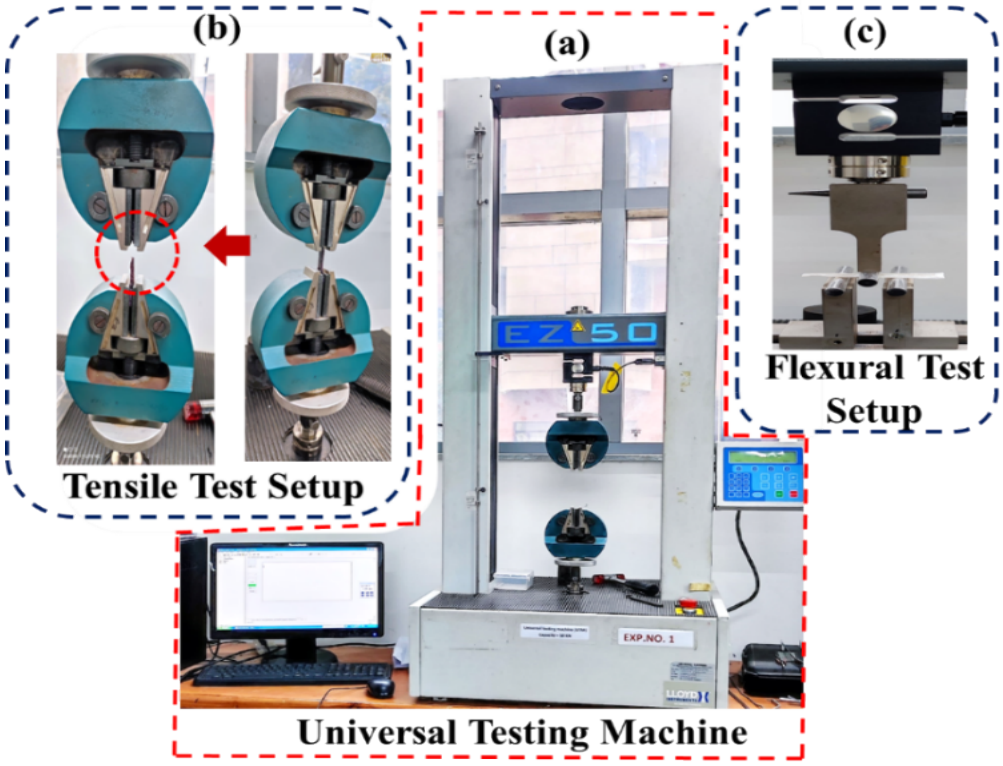

Figure S1. Universal testing machine setup (UTM Model- EZ50) for tensile and flexural tests.

2. Tensile test specimen

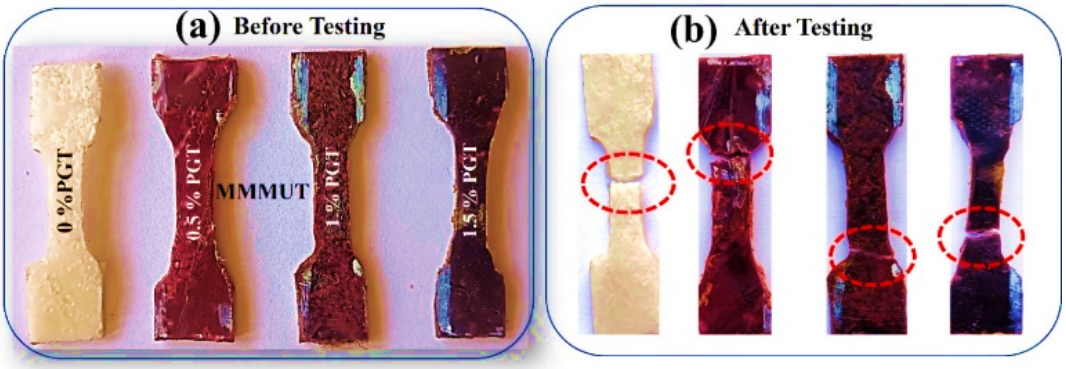

Figure S2. Tensile test specimen (a) Prepared specimen, and (b) Broken specimen.

3. Flexural testing specimens

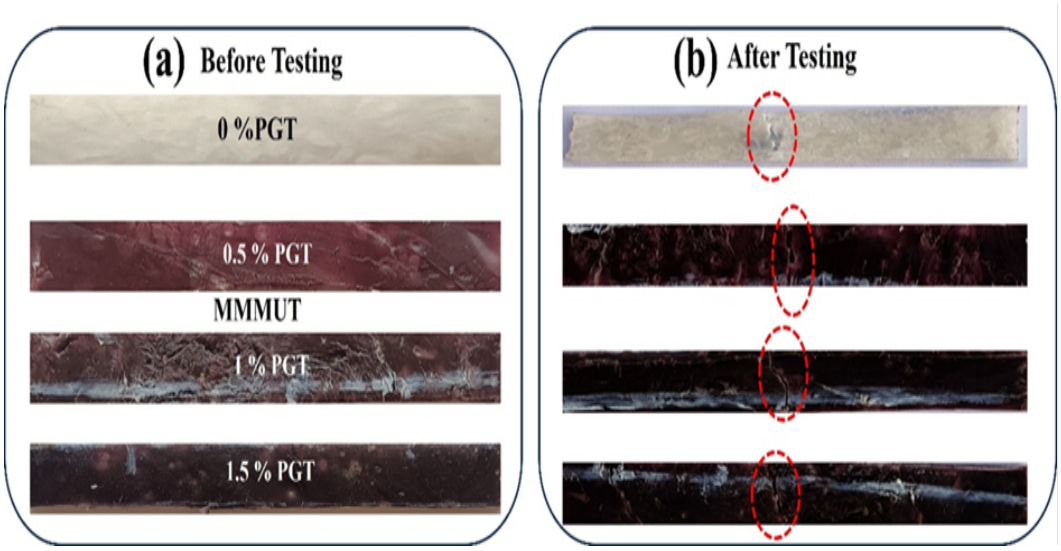

Figure S3. Flexural testing specimens (a) Prepared specimen (b) Broken specimen.

4. ^{1}H NMR spectra of 1,4-NADH

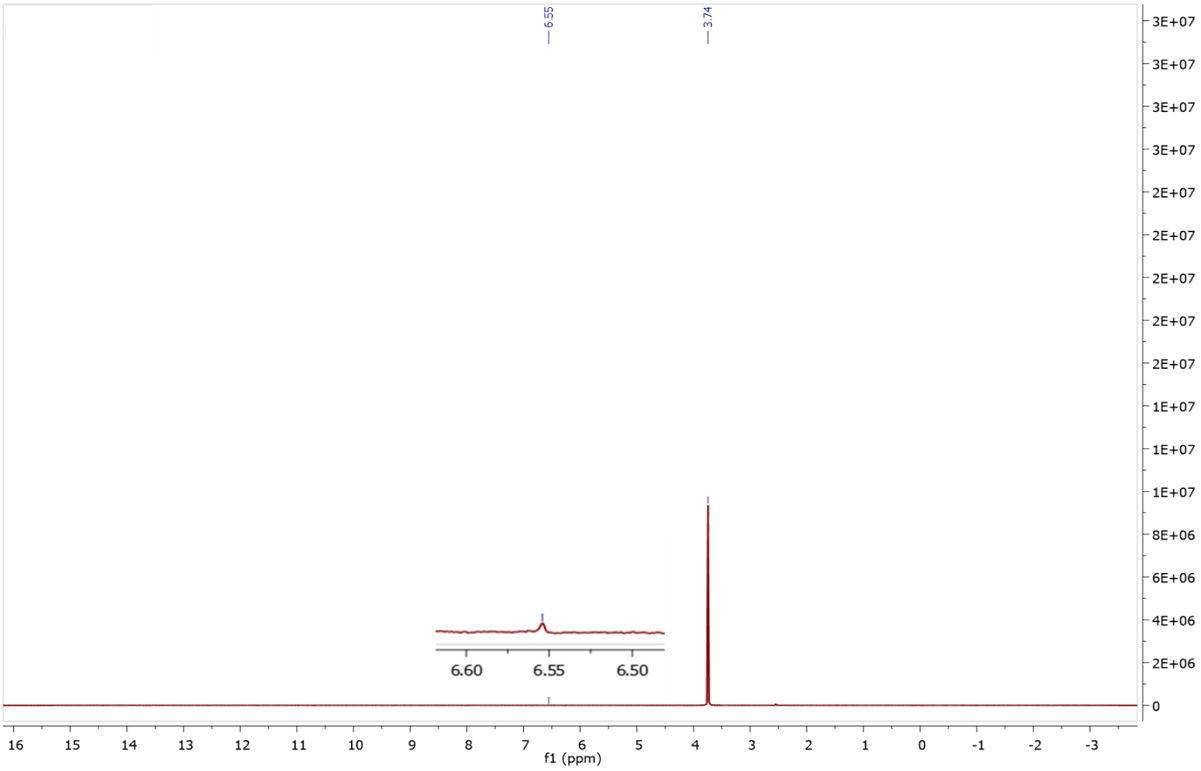

Figure S4. ^{1}H-NMR spectra of 1,4-NADH, the peak for 1,4-NADH at 6.55 ppm (D_2O) arises due to hydrogen atoms on the pyridine ring (solvation effect).[1–3]

5. References

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