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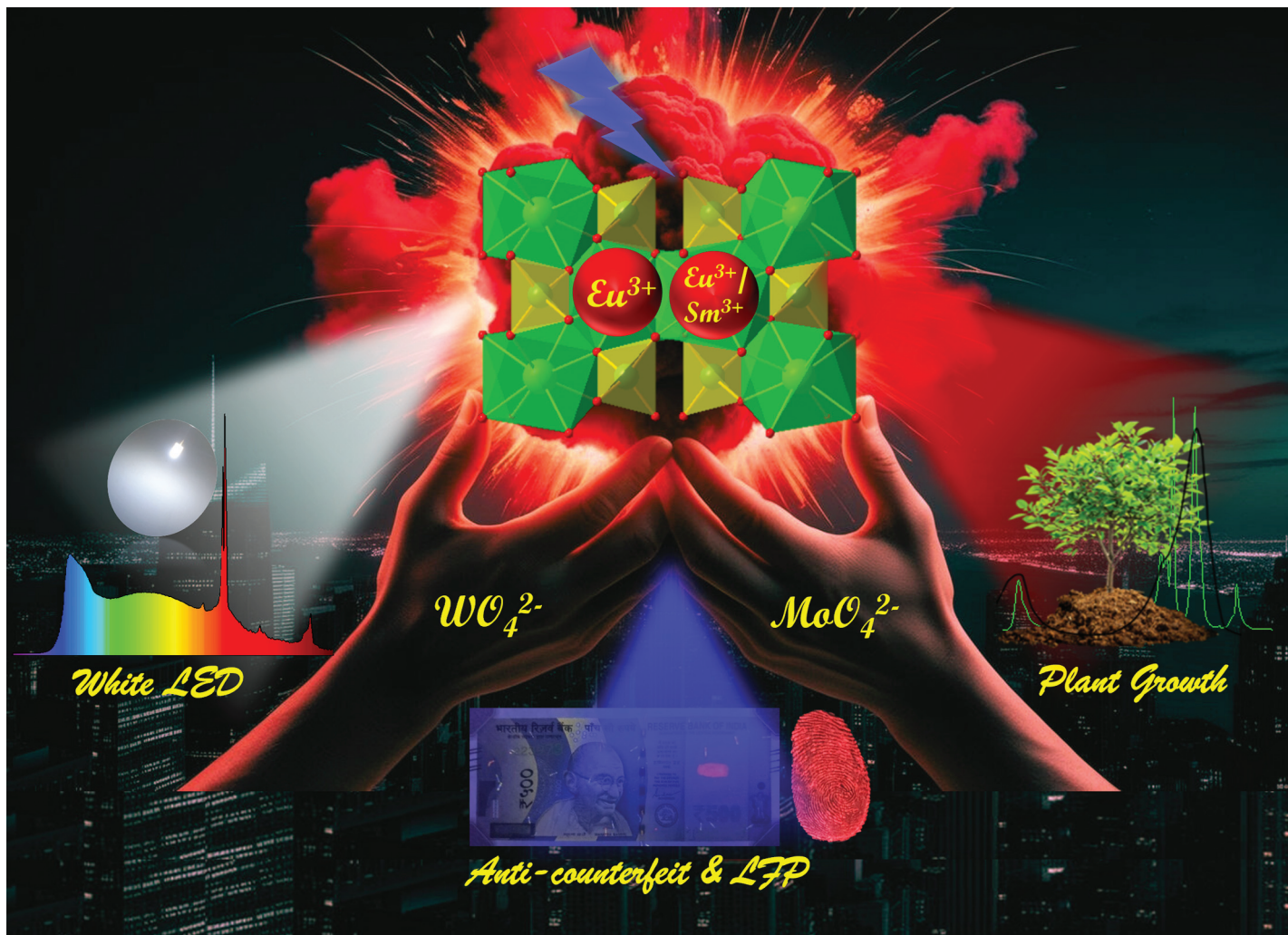
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Showcasing research from Professor Sivakumar Vaidyanathan's laboratory, Department of Chemistry, Indian Institute of Technology Hyderabad, Sangareddy, Hyderabad, India.

Highly efficient red/orange-red emitting  $\text{Eu}^{3+}$  and  $\text{Sm}^{3+}/\text{Eu}^{3+}$  co-doped phosphors with their versatile applications

Highly emissive red phosphors were discovered and used for generating efficient white LEDs (CRI = 86 and CCT = 5371 K) and security applications (to identify latent fingerprints in the anti-counterfeiting field).

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As featured in:



See Priyadarshini Pradhan and Sivakumar Vaidyanathan, *Dalton Trans.*, 2025, **54**, 6060.