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Development and characterization of Organometallic for the Luminance Purposes

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This article deals about Organometals for illumination by an excitation emission process. The present inorganic compounds are high expensive and having very poor quantum efficiencies. We developed organometallic at low cost with high quantum efficiencies. The sample were characterized by NMR, to identify the structure confirmation of Butanone, 4-hydroxy butyrate and Glutamine of aliphatic nature by identified of strong bond to exhibit polycrystallinity. This polycrystallinity ensure by XRD spectrum and size of inorganic nature was calculated with de-spacing. The

illumination efficiency determined by UV spectrum the graph was explained. The present sample/compounds are high efficiency and useful for the future semiconducting LED purpose

Speaker Biography

Jothi Narayanan received his master's in physics from Madurai Kamaraj University, Madurai, India. He is currently a research student under the guidance of Dr. T. Arockiadoss at Particle physics and Chemistry research laboratory, Madurai Kamaraj University.

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