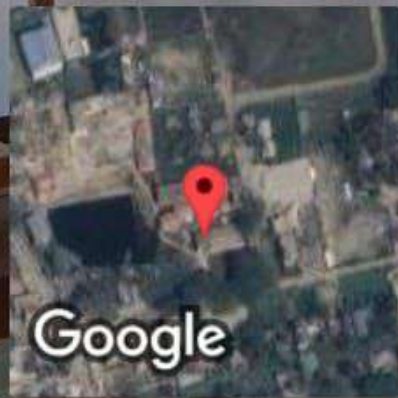


Quantum Dots: When Size Controls Color

Nanomaterials in Physics
By Nishan Jyoti Hazol



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6p38+287, College Nagar, Guwahati, Assam 781101,
India

Lat 26.202795° Long 91.715812°

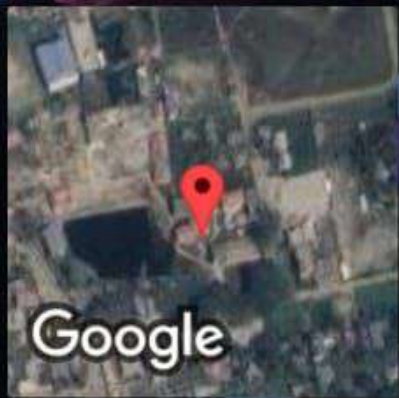
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GPS Map Camera



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Lat 26.202882° Long 91.71567°

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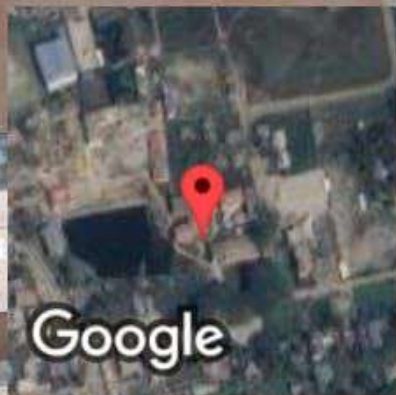
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India

Lat 26.202874° Long 91.71568°

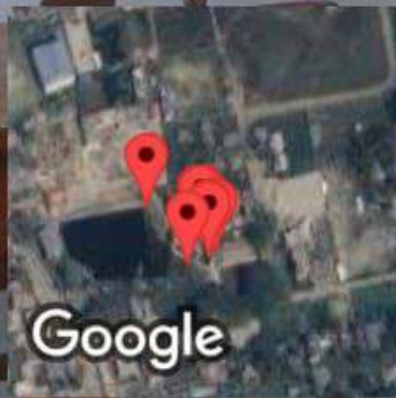
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What defines Nanomaterial Synthesis?

- Nanomaterials have dimensions between 1 nm and 100 nm.
- At this scale, materials exhibit Quantum Confinement and high Surface-to-Volume Ratio.
- The method of creating these materials dictates their size, shape, and purity.

There are two fundamental approaches



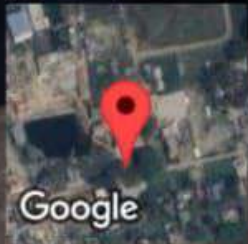
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480, Abhaypur, Guwahati, Assam 781101, India

Lat 26.202892° Long 91.7157°

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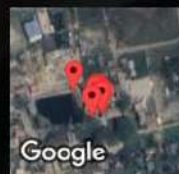
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Lat 26.202848° Long 91.715649°

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