



2D MATX

Two-dimensional materials for advanced technologies

ABOUT US

- We develop advanced materials and ceramic technologies that help researchers across many scientific and engineering fields.
- Our innovations transcend the laboratory, shaping the future through transformative, science-driven solutions that empower and redefine possibilities on a global scale.

OUR VISION

- At 2D MATX, we envision a future where 2D materials revolutionize sustainable energy, advanced manufacturing, communication, mobility, and next-generation technologies.
- Our commitment to innovative solutions drives us towards achieving global net-zero goals through cutting-edge research and development.

OUR PRODUCTS

MATERIALS

We offer a dynamic range of MAX phases and non-MAX precursors with varying particle sizes $< 10-70 \mu\text{m}$, $\geq 99.5\%$ purity, as well as a wide range of zero-dimensional (0D), one-dimensional (1D), and two-dimensional (2D) nanomaterials.

PRINTABLE CERAMICS

We provide advanced ceramic technologies tailored for manufacturing and industrial processes, including 3D printable slurries, printable filaments, intricate custom parts, and ceramic fiber composites.

OUR SERVICES

We offer services for custom-designed materials and ceramic components to meet the demands of various property measurements and applications.

MEET OUR TEAM



Nithin Chandran
IIT Madras

Expert in 3D MAX phase synthesis & ceramics materials

Founder & CEO



Anupma Thakur
IISc Bangalore

Expert in nanomaterial design, synthesis & applications

Founder & CTO



Poly Rose
IIT Madras

Expert in printable ceramics & additive manufacturing

Co-Founder & CTO



Ravi Kumar
IIT Madras

Expert in materials engineering & ceramic technologies

Co-Founder & Director

CONTACT US

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SCAN TO CONNECT

