PRESS RELEASE

#Semicon India

CeramTec at SEMICON India 2026: Precision Ceramics for Semiconductor Manufacturing and Power Electronics

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CeramTec will exhibit at SEMICON India 2026 from 17 to 19 September at Booth H4116 in Yashobhoomi, Delhi. The advanced ceramics specialist presents solutions for two core areas: high-precision ceramic components for semiconductor manufacturing, and ceramic substrates for power electronics. According to estimates, India's semiconductor and electronics industry is set to grow by around a quarter each year through to 2030, making SEMICON India an important platform for CeramTec to connect with customers in this strategically important region.

- **High-precision ceramic components for wafer handling, etching, deposition and metrology – designed to meet the most demanding process conditions**
- **Ceramic substrates in all four established materials: Al_2O_3, AlN, ZTA and Si_3N_4**
- **Over 120 years of materials expertise, combined with precision grinding, lapping and polishing for defined surface characteristics and tight tolerances**

Semiconductor manufacturing sets exacting standards for every component it uses. Components must withstand extreme temperatures, aggressive chemicals, plasma environments and the highest cleanliness standards. CeramTec develops and manufactures high-precision ceramic components for applications such as wafer handling, wafer processing, etching and deposition processes, as well as metrology and inspection systems.

With more than 120 years of experience in technical ceramics, CeramTec combines materials expertise with extensive manufacturing know-how. Precision grinding, lapping and polishing give ceramic components the defined surface characteristics and tight tolerances that stable, reliable semiconductor processes require.

Electronics: The Basis for Efficient Power Modules

Ceramic materials underpin power electronics. They provide electrical insulation, efficient thermal management and the long-term reliability

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required for demanding electronic systems. CeramTec supplies components for e-mobility, industrial drives, charging infrastructure, power generation and energy storage.

At SEMICON India, CeramTec will present its portfolio of ceramic substrates made from aluminium oxide (Al_2O_3), aluminium nitride (AlN), zirconia toughened alumina (ZTA) and silicon nitride (Si_3N_4). As a European one-stop shop for all four established substrate materials, CeramTec supports customers in developing high-performance and reliable electronic solutions.

India is becoming one of the most dynamic growth markets for the semiconductor and electronics industry, with annual growth of around a quarter expected through 2030. "This region is a strategic priority for us. We support customers across the entire value chain – from high-precision components for semiconductor manufacturing to ceramic substrates for power electronics. SEMICON India gives us the opportunity to engage directly with customers and partners on their future technology requirements," says Dieter Soukup, Business Development Manager Semiconductor at CeramTec.

SEMICON India underlines the strategic importance of the Indian market to CeramTec. The CeramTec team will be on hand at **Booth H4116** throughout the three-day event.

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Image Material
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CeramTec_electronic-applications.jpg
Ceramic solutions for electronic applications – from passive components and coolers to a full range of ceramic substrates.
Source: CeramTec

CeramTec_3D-printing.jpg
Complete design freedom with silicon carbide – ROCAR 3D printed semicon component.
Source: CeramTec

CeramTec_wafer.jpg
CeramTec develops ceramic components and parts for the semiconductor industry according to their individual application requirements – here ceramic wafer polishing plates.
Source: CeramTec

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The following information will help you publish this press release on your online and social media channels.

Meta Description
CeramTec will showcase advanced ceramic solutions for semiconductor manufacturing and power electronics at SEMICON India 2026 from 17 to 19 September at Booth H4116 in Yashobhoomi, Delhi. The portfolio ranges from precision process components to high-performance ceramic substrates.

Social Media / Newsletter Teaser:

Facebook
India's semiconductor and electronics industry is growing fast – and CeramTec will be there. From 17 to 19 September, visit us at SEMICON India 2026, Booth H4116, and discover how advanced ceramics support semiconductor manufacturing and power electronics.

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Advanced ceramics for semiconductor manufacturing and power electronics – CeramTec at SEMICON India 2026, Booth H4116, 17-19 September. #SEMICONIndia #AdvancedCeramics

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About CeramTec

CeramTec is a global leader in high-performance advanced material solutions, with more than 120 years of expertise. Serving both the medical technology and industrial markets, CeramTec develops and manufactures components that outperform conventional materials in the most demanding applications – from orthopedic and dental implants to precision industrial components. Headquartered in Plochingen, Germany, CeramTec operates internationally and is committed to making life better through material innovation.
In 2025, CeramTec generated revenue of more than €685 million. The company employs approximately 3,500 people worldwide.

For more information, visit www.ceramtec-group.com