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# AIPMA's AMTEC

## ARVIND MEHTA TECHNOLOGY AND ENTREPRENEURSHIP CENTRE (MUMBAI)



Newsletter Edition : 8

16th February, 2022

### OUR ACCOMPLISHMENTS

9

Certificate Courses

240

Participants

132

Industries

27

Webinars

3236

Participants

1821

Industries

### AIPMA's AMTEC NEWS



#### From Users for Users

Porsche, Mahle, Trumpf & ZEISS / Baden-Württemberg / Germany

#### From 0 to 1200

#### Additively manufactured pistons for the Porsche 911 GT2 RS

Additive manufacturing offers enormous potential for optimized and new components alike. At Porsche, 3D printing technology is already being employed in several areas. And now, a joint project from Porsche, Mahle and Trumpf, in cooperation with ZEISS, has successfully 3D-printed highly stressed drive components for the first time, using generative processes to manufacture pistons for the high-performance engine of Porsche's top-of-the-line 911 model: the GT2 RS. The entire team headed by Porsche project lead Frank Ickinger is more than pleased: "This makes a performance boost of up to 30 horsepower conceivable with the 700PS twin turbo engine, and with higher levels of efficiency at that." The "printed" high-performance piston project is a total success. A milestone in the history of additive manufacturing.

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### Syntegon Launches New Pick-And-Place Platform

Syntegon has recently launched its new pick-and-place platform Syntegon RPP. Syntegon Technology has been offering robotic solutions for process and packaging technology for many years. With its newly developed robotic pick-and-place platform, Syntegon RPP, the company sets a new standard in the automation of packaging lines. Each robotic cell of the RPP platform can be configured individually to automate processes such as feeding, handling and loading. The core functions of the newly developed RPP platform include quality assurance, user-friendliness and efficient production processes. The Syntegon RPP platform automates process steps such as handling, feeding and loading. The new robotics platform is designed as a modular system. This allows individual configuration of the robotic cells. The modular RPP platform, we can handle a wide variety of products. The Delta robots can be flexibly connected and, together with transport modules, seamlessly integrated into an overall system. Moreover, the platform can be scaled to suit different production capacities, while multiple cells can be connected. The open control software ensures the seamless integration of the Delta robots into the line.

### UPCOMING PROGRAMS

23rd February, 2022

24th Feb - 25th Mar, 2022

**Cutting Edge Technology in 3D Scanning and Software Solutions - Reverse Engineering, Product Development and Quality**  
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**Advanced technologies in Flexible and Rigid Plastic Packaging**  
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24th March, 2022

**International Conference on Innovations in Plastic Industry**  
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24th March, 2022

**Launch of AIPMA's AMTEC Professional Forum**  
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## PAST PROGRAMS

16th & 17th Dec, 2021

**Growth & Profitability Through New Product Introduction**  
[Report -Read More...](#)

23rd Dec, 2021

**Precise Engineering Plastic Parts - A Case Study On Seat Belts**  
[Report - Read More...](#)



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A-53, Street No. 1, MIDC Marol,  
Andheri (East), Mumbai - 400093, INDIA



+91 22 6777 8899



[contact@amtecedu.org](mailto:contact@amtecedu.org)  
[www.amtecedu.org](http://www.amtecedu.org)



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**aipma**

AIPMA House, A-52, Road No. 1, M.I.D.C, Marol , Andheri (E), 400093, Mumbai

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