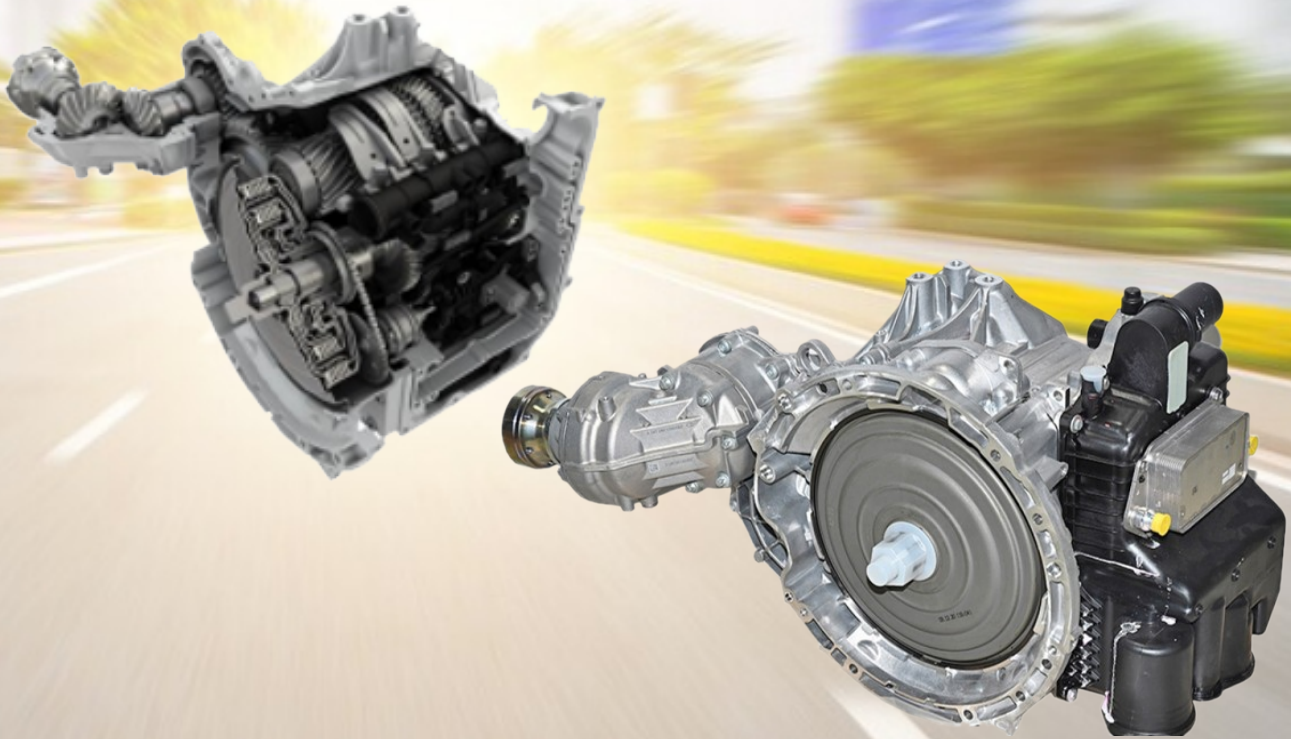




# Innovation TIMES

ISSUE 63 | October 2025



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# FEATURE STORY

Contributors:  
**Abhijeet Pingale**,  
 Engineering & Product Development.  
**Satvinder Singh Sabharwal**,  
 Chief Growth Officer.

## Six Is So Yesterday

### Divgi-TTS set to manufacture the 8-speed Dual Clutch Transmission; deliver tomorrow's transmission technology today

In the bustling corridors of India's automotive industry, a quiet but urgent conversation is unfolding. It's not just about what's next-it's about what's needed now. OEMs across the country are navigating a complex terrain. The pressure is threefold; **Technology that delivers real value** to the end customer - performance, efficiency, and experience, **Deep localization** to insulate against geopolitical and commercial supply chain risks & **Cost Competitiveness** in a market where margins are thin and expectations are high.

This trifecta isn't new - but today, it's existential.

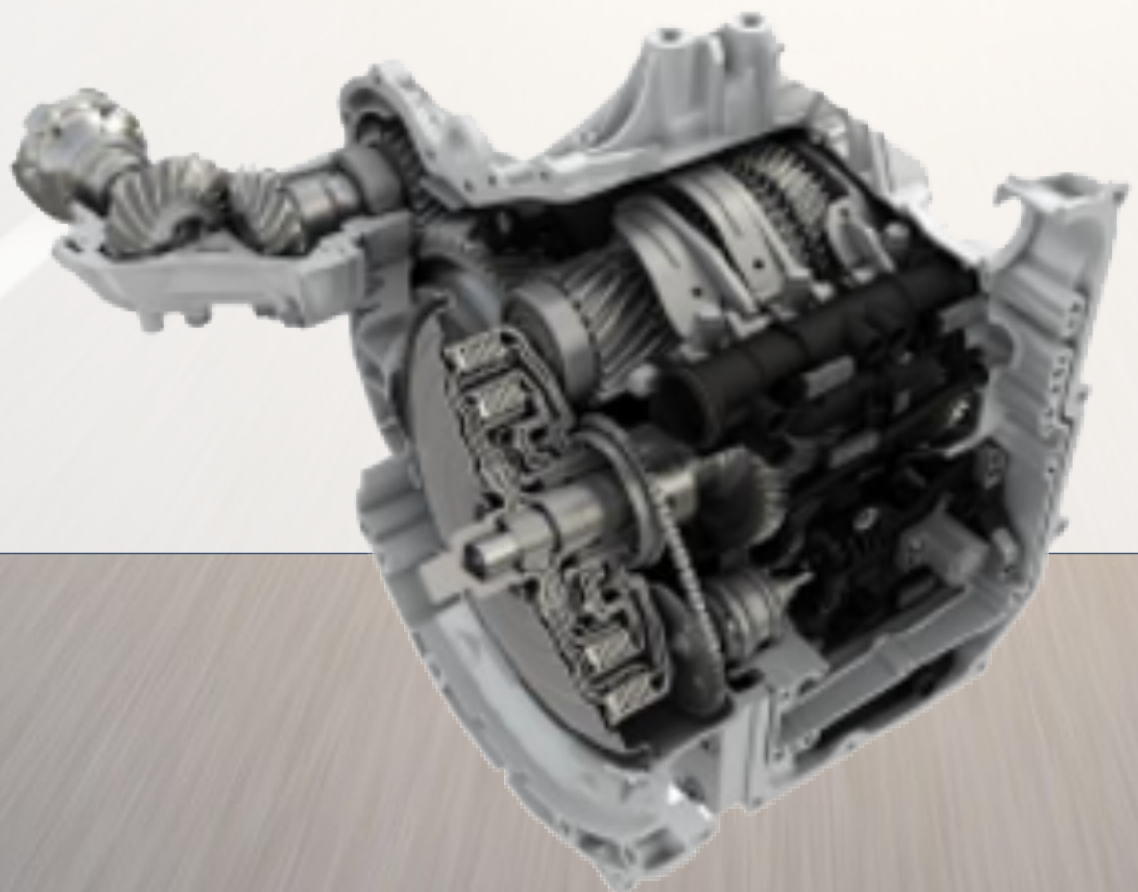
India's automotive landscape is no longer a single-lane highway. It's a multi-path maze of ICE, hybrid, and electric technologies. OEMs are being asked to invest in all three, simultaneously. Meeting stringent Café

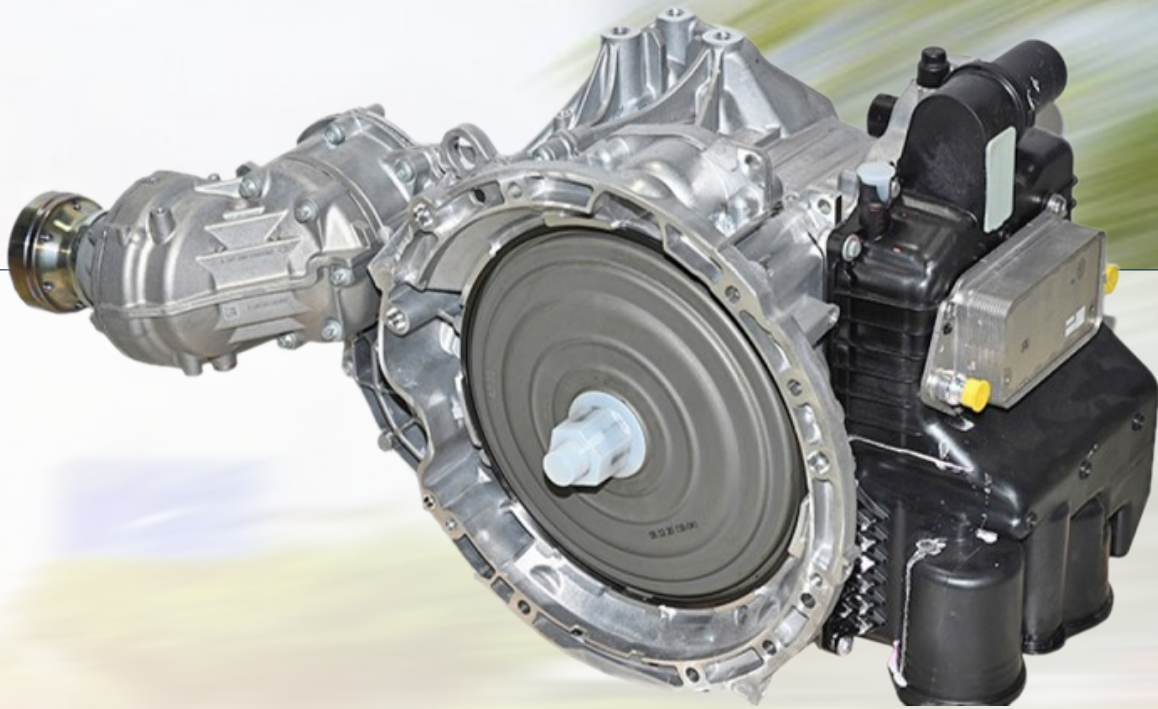
norms, accelerating electrification, and building locally are no longer strategic choices - they're survival imperatives.

And in this moment of transformation, OEMs need more than suppliers. They need partners who understand the stakes and deliver solutions that are ready for the road.

#### **The Divgi-TTS Response: A Transmission That Thinks Ahead**

At Divgi-TTS, we've spent over 60 years walking alongside India's top OEMs. From torque transfer systems to EV transmissions, our technologies have powered some of the country's best-selling vehicles. But today, we're shifting gears.





Our answer to the OEM trilemma is the **8-speed Dual Clutch Transmission (DCT)** - a world-class innovation being developed in collaboration with Hofer Powertrain of Germany.

And here's how it delivers on Technology Readiness, Multi-Powertrain Compatibility & Proven Reliability:

- With gear shifts in just 100 milliseconds, torque handling up to 550 Nm, and fuel economy improvements of 5-12%, it outperforms conventional 6-speed automatics and enhances launch performance.
- Designed for SUVs and sedans with diesel and gasoline engines, and upgradeable to P2 and P2.5 hybrid architectures, it's built to evolve with OEM needs.
- With over 3 million units already on the road globally, this is a proven, scalable solution.

Driving the program through reduced import dependency and optimized manufacturing costs (**cost competitiveness**), faster prototyping, testing, and deployment through in-house capabilities (**rapid**

**development cycles**), and end-to-end visibility and responsiveness that OEMs can count on (**robust supply chain control**) from our facilities at Sirsi, Shivare, Shirwal, and Bhosari, at mature volumes, the plan is to achieve up to **70% localization**.

As OEMs invest across ICE, hybrid, and electric platforms, the need for adaptable, future-ready technology has never been greater.

The future is shifting. And Divgi-TTS is already in gear.

#### Technical data

Max. torque 500 Nm + 50 Nm Over torque

Max. speed 7,300 rpm

Ratio spread 8.87

Weight 83.8 kg (with oil)

Length max. 376 mm

Oil 8.0 lit. ATF Fuchs Pentosin

# EVENTS

Contributor:  
**Rajendra Jadhav**  
 Engineering & Product Development

## From Lab to Road – Milestone 1

**Divgi-TTS strengthens Industry–Academia partnerships in collaboration with BITS Pilani**



L to R: Prasanna Deshpande, Dr. Shibu Clement, Jiten Divgi, Dr. Sachin Waigaonkar, Dr. Sridevi Jaiswal & Abhijeet Pingale

In our Innovation TIMES, Issue 62, setting up the “Centre of Research Excellence in Automotive Transmission Engineering” (C.R.E.A.T.E) in collaboration with BITS Pilani, Goa was announced and its purpose and shared vision outlined.

As part of the realization of the vision, on 28th–29th August 2025, Divgi TorqTransfer Systems Ltd. (Divgi-TTS) hosted a delegation from BITS Pilani, K.K. Birla Goa Campus. The delegation comprised of Dr. Shibu Clement, Professor, Department of Mechanical Engineering & Associate Dean (Research & Innovation), Dr. Sachin Waigaonkar, Professor & Head, Department of Mechanical Engineering & Dr. Sridevi Arnav Jaiswal, Manager, Alumni Relations Division.





In the meeting, along with Divgi-TTS' Product Engineering Department, a joint R&D roadmap for FY26 and FY27 was finalized. Potential outcomes from this plan are below:

- A joint SAE paper authored by BITS and Divgi-TTS.
- Establishment of a BITS laboratory dedicated to automotive transmission research.
- Transfer of state-of-the-art Divgi-TTS equipment to BITS to enhance advanced transmission manufacturing education.

Through this initiative, Divgi-TTS aims to set a strong example of national pride in industry-academia collaborative research – driving innovation, building capability, and shaping the future of drivetrain technologies.



# FOPL

## Face of Product Leadership

Contributor:  
Tushar Sawant  
Human Resources

### Tête-à-Tête | A mindshare with the stalwarts of our workforce



**Digvijay Jadhav**  
Head,  
Exports, Marketing &  
Advance Business Development

#### 1) What is your current role in Divgi-TTS ?

As a Key Account Manager, I'm responsible for managing all export-related activities, including handling RFQs (Requests for Quotation), maintaining effective customer communications, addressing client queries, and ensuring seamless coordination to meet international customer requirements.

#### 2) What has been your experience with Divgi-TTS?

I joined Divgi-TTS right after completing my MBA. I began my journey as a Sales Officer, responsible for managing sales operations and supporting customer initiatives. During my first two years, I focused on learning the nuances of sales and daily coordination & building strong relationships with customers. After gaining this foundational experience, I transitioned into marketing, my core area of study during my MBA.

In my current role, I work closely with all of Divgi-TTS' overseas customers to ensure their requirements are effectively met. Representing Divgi-TTS on international platforms has been a valuable learning experience. Engaging with both new and existing clients, I have continuously adapted myself to evolving market demands while promoting our best-in-class products. Through these efforts, I have actively contributed to Divgi-TTS's product leadership initiatives, positioning the company as an innovator and quality leader in the global automotive components market.

#### 3) What has been your contribution to Divgi-TTS' Product Leadership initiatives?

Customer communication and ensuring customer satisfaction are central to my professional approach. So, customer focus and a strong sense of accountability have been instrumental to my contributions toward Divgi-TTS's product leadership initiatives.

Securing new business from customers through a structured, process-driven approach, supported by regular visits and sharing the latest technology updates have played a key role in strengthening the company's business development initiatives. By ensuring clear and solution-oriented communication, I've been able to address customer queries effectively and foster trust. This approach has not only driven results but also helped build long-term, mutually beneficial relationships with our customers.

#### Education:

- Diploma in Mechanical Engg.
- BE in Mechanical Engg.
- MBA- Sales & Marketing

**Total Experience :** 12 years

**Divgi-TTS Experience:** 11 years

**Career Goals:** To continuously enhance my knowledge and skill in the automotive domain

**Hobbies:** Bike Riding/Traveling, Cooking, Cricket.

#### Family details:

- Wife Gayatri, a Finance Professional
- Daughters – Deetya, a primary student; Dhriti, a tot
- Father Murarrao, Retd. Asst. Commissioner of Police & Mother Vijaya, a Homemaker.

#### 4) What do you believe are some of your notable achievements at Divgi-TTS?

Over the past 10+ years at Divgi-TTS, I have consistently challenged myself and taken on responsibilities, leading to several notable achievements within the organization.

- Secured a major business win with one of North America's largest Tier-I automotive companies, enabling just-in-time supply from our U.S. warehouse for the first time.
- Secured a business win with one of North America's largest electric vehicle manufacturer.
- Successfully acquired transfer case components business from a key North American customer.
- Won a strategic EV components contract from a prominent European customer, expanding Divgi-TTS' presence in the electric mobility segment globally.
- Added a leading Midwest-based American multinational corporation into Divgi-TTS' customer portfolio.

#### Rapid fire

#### Favourite Quote

Time is rarely the issue-what truly matters are our priorities!

#### Favourite Book

Why BHARAT Matters by S. Jaishankar.

#### Life is

A simple journey, not the map—it's the wind, not the path.

#### Family is

A circle of strength, held together by love that never ends and memories that never fade.

#### On Sundays

Family time, Bike rides, F1 racing, etc.

# Technology News

Contributor:  
Shiddaram Houde,  
Manufacturing Engineering

## More Saving through faster Shaving

Divgi-TTS enhances productivity with the Kanzaki Shaving Machine SX-350L-NC5



### Kanzaki Gear Shaving Machine

The Kanzaki Shaving Machine SX-350L-NC5 significantly enhances productivity by minimizing auxiliary time through advanced automation. A key improvement over the Redring shaving machine is the integration of an autoloader and unloader system. In the older model, manual loading and unloading introduced delays between machining cycles. The Kanzaki system eliminates these inefficiencies by seamlessly transferring workpieces, reducing idle time and ensuring continuous operation.

Additionally, the 5-axis CNC capability optimizes tool movements, minimizing repositioning delays and allowing for smoother transitions between machining steps. The double carrier twin-type configuration further accelerates production by enabling simultaneous processing, reducing downtime between operations. These technical advancements work in tandem to streamline workflows, increasing output while maintaining the precision required for DIN Class 7 standards. The result is a significant boost in manufacturing efficiency, making the Kanzaki machine a superior choice for high-precision gear finishing.

### Increased Capacity

- Double Carrier Twin-Type Configuration boosts overall throughput.
- 5-Axis CNC Tool Movements enhances productivity.

### Reduced Auxiliary Time

- Autoloader & Unloader System minimizes delays between operations.
- Minimized Repositioning Delays due to advance automation.

### Consistent Quality

- DIN Class 7 precision standards.
- Streamlined Workflow.



# THINK ELECTRIC. THINK DIVGI.

India's largest indigenous EV transmission manufacturer.  
**BY DESIGN, NOT BY DEFAULT.**



Compliance with  
global NVH standards



Best-in-class gear quality



Design configurable to  
customer-specific requirements



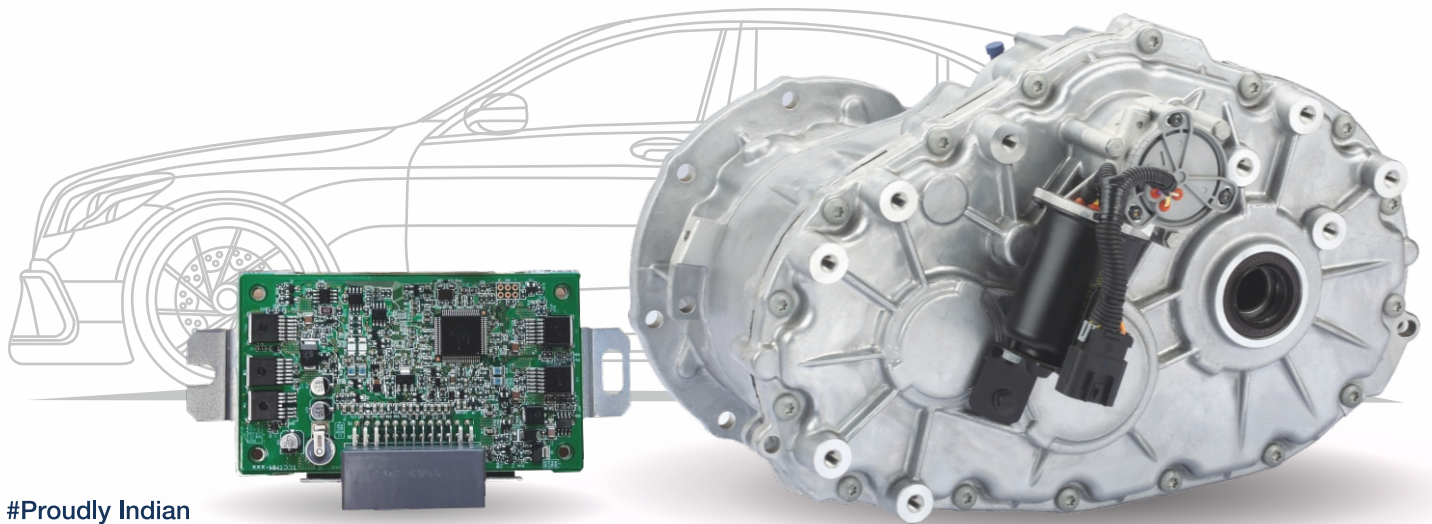
Second-to-none quality,  
performance and durability



Geared for the future



Electronic park lock system



#Proudly Indian



**Divgi TorqTransfer Systems**

**PRODUCT LEADERSHIP.**  
LIKE NO OTHER.

CONTINUOUS INNOVATION | SUPERIOR SOLUTIONS | DISTINCTIVE PRODUCTS | WORLD-CLASS MANUFACTURING

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