



# MOTOMANIPAL

# SPONSOR BROCHURE

2024-25



**MOTOMANIPAL**

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# FROM OUR TEAM LEAD

Greetings!

Ever wondered what it takes to build a high-speed electric racing motorcycle? And what if I told you that it was built by students?

We are MotoManipal, a multi-disciplinary undergraduate team of engineers that design, build and race a MotoGP inspired all electric motorcycle at MotoStudent India held at Kari Motor speedway, Coimbatore.

From the inception of the team in 2018, MotoManipal has grown to dominate every competition we have gone to in the past. With the zeal and motivation fit for a racing team we strive everyday to push the boundaries of electric superbikes. Our latest creation 'NOVA' has kept our legacy going with its grand launch. With the success of NOVA, the team has gained the confidence and motivation to push forward to faster speeds and shorter lap times. In this pursuit of speed we've taken the lessons learnt from the past we have begun design for an all-new and improved electric motorcycle.

We invite you to join this exciting journey that we are embarking on. The forging of a partnership would enable us to gain valuable industry-oriented information along with establishing a relationship with potential employers and mentors.

We look forward to working with you, **because sometimes, speed is fun.**



Jishnu Kunal Vutukuru

Team Lead

MotoManipal

Mechanical Engineering, Class of 2026





# ABOUT MOTOMANIPAL

MotoManipal is the official student led e-motorcycle racing team at Manipal Institute of Technology. We are a team of passionate and driven students from varying disciplines of engineering working together to design, manufacture, test and race electric superbikes. MotoManipal embodies a spirited community of motorsport enthusiasts within the vibrant backdrop of Manipal Institute of Technology. MotoManipal takes part in the annually held MotoStudent India competition, held in Kari Motor Speedway in Coimbatore. MotoManipal also prides itself on ranking first in the FMAE E Bike Design Challenge for two consecutive years in 2020 and 2021. In addition to this, MotoManipal also has plans to race in MotoStudent International, held biennially in Spain. MotoManipal has also taken part in the Asian E Bike Challenge and has secured many awards in key categories. MotoManipal is a team of students leading various subsystems namely Mechanical, E Power Train, Aerodynamics and Management. MotoManipal has also received media coverage through various platforms like The Times of India, The Deccan Herald and The Prajavani.



# WHY SUPPORT US?

01

*Feature your logo on our bike, banners and our promotional material.*

02

*Connect with our students, creating opportunities for collaboration and mentorship.*

03

*Align your brand with an innovative project that pushes the boundaries of EV bike racing.*

04

*Display commitment by supporting educational institutions and fostering an environment of growth, learning, and innovation.*

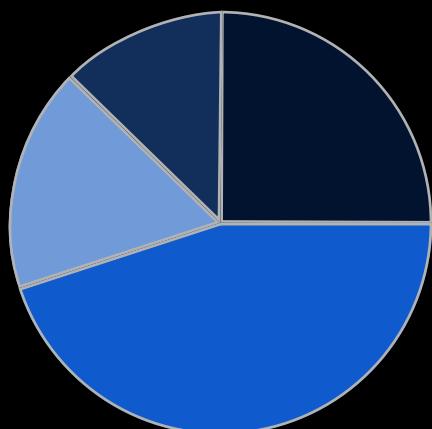
## OUR MISSION

We envision a future where electric bikes are not just a mode of transportation but a lifestyle choice. We aim to break barriers and redefine the norms of urban commuting by producing electric bikes that stand at the intersection of cutting-edge technology and sustainable design.

## OUR GOAL

We are a dynamic student-run project with a single goal: to improve urban mobility using green energy and efficiency. Our goal is to lead the way in the transition to environmentally friendly transportation by creating innovative, fashionable, and eco-friendly electric bikes.

# BUDGET DISTRIBUTION



- E PowerTrain - 45%

- Mechanical - 25%

- Aerodynamics - 20%

- Management - 10%



# THE PATH FORWARD



*MotoManipal competed in various races across India and ultimately finished among the top contenders in the event. Despite the impact COVID-19 had on the world, MotoManipal produced great results in online competitions.*



*In our future endeavors, MotoManipal envisions pioneering innovations in electric bike technology, striving to redefine the landscape of eBike racing. With a relentless focus on research and development, we aim to push the boundaries of performance and sustainability, setting new benchmarks for the future of electric mobility.*



1

*Members from the Mechanical and the Aerodynamics Subsystems begin work on chassis and fairing design for the vehicle assembly.*

*Members from the E Powertrain Subsystem work on the battery and motor configuration for the vehicle. Simultaneously, the Management Subsystem work on various reports, managing sponsorship deals, and vendor registration.*

2



3

*After all the components have been designed, manufactured, and acquired, the vehicle is assembled by the team in the workshop.*



*The final vehicle undergoes thorough testing to ensure standards are met before the grand launch of the vehicle. After the launch, the vehicle is brought to races across the country.*

4





### 2018 - INCEPTION:

Founded in 2018 by a young team of engineering undergraduates, MotoManipal came into fruition. Standards were set on Day 1 and the team got to work on their first project, MM-01.

### 2019 - LAURELS:

After months of hard work and testing, on their very first shot at competing at the national level, MotoManipal bags prizes in key categories.



### 2020 - GOING ONLINE:

Undeterred by the COVID-19 pandemic, the team participated in the FMAE Online E Bike Design Challenge, and were declared the Overall Winners of the challenge.

### 2021 - ONLINE DOMINATION:

In 2021, MotoManipal returns to the FMAE Online E Bike Design Challenge and wins back to back Overall Winner prizes at the online event.





### **2021 - BACK ONLINE:**

*Later the same year, MotoManipal takes part in Season 3 of the FMAE Online E Bike Design Challenge, and secures third position for their exceptional work.*

### **2022 - BACK TO WINNING WAYS:**

*As the pandemic draws to a close, MotoManipal has a go at the Electric Bike Design Challenge Season 1, organized by Sri Ramakrishna Institute of Technology, Coimbatore.*

*MotoManipal emerges as the Overall Winner and also bags the award for the Best Business Plan.*



### **2023 - REVAMP:**

*The team finally gets back on campus, and begins work on MotoManipal's latest and greatest - NOVA. In doing so, MotoManipal also becomes MIT's only student-led project to accomplish this feat with members only in their second year.*

### **2024 - NOVA**

*NOVA is launched amidst a large crowd consisting of The Director, The Joint Director, The Associate Directors, The Faculty Advisors, Other Esteemed Dignitaries, and the students of MIT Manipal. NOVA is currently undergoing testing to meet performance and efficiency standards.*



# SPONSORSHIP PROPOSAL

While we get financial and technical support from the board and the professors at MIT Manipal, the competitions we go to demand more than just enthusiasm. They demand resources to fuel its journey. We seek sponsorship in terms of products or services that will be greatly useful to us throughout the competition. We look forward to a mutually beneficial collaboration with your organization.

## DELIVERABLES

OUR DELIVERABLES TO YOU:

	<b>DIAMOND</b> ₹ 1,00,000	<b>GOLD</b> ₹ 20000	<b>SILVER</b> ₹ 10000
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<b>Logo On Bike</b>	✓	✓	
<b>Shoutout on Socials</b>	✓	✓	✓
<b>Frequent Progress Updates</b>	✓	✓	
<b>Logo On Our Promotional Material</b>	✓	✓	✓
<b>Team Name Sponsor</b>	✓		
<b>Invites to Major Events</b>	✓	✓	✓
<b>Opportunity to Interact with Peers</b>	✓	✓	
<b>Newsletter and Design Reviews</b>	✓		
<b>Invite to Bike Testing and Races</b>	✓	✓	✓
<b>Promotion to Other Teams</b>	✓		