

# ADMISSION BROCHURE

2025-26







# GATI SHAKTI VISHWAVIDYALAYA

(A Central University under the Ministry of Railways, Govt. of India)



## BE THE TRANSFORMATION

In India's Transport and Logistics Ecosystem

 Lalbaug, Vadodara - 390 004, Gujarat, India  
 <https://gsv.ac.in>  
 [info@gsv.ac.in](mailto:info@gsv.ac.in)  
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# About GSV

Gati Shakti Vishwavidyalaya (GSV), a Central University established by the Act of Parliament to be a pioneer in the domain of Transport and Logistics education in India.

GSV is established with a unique mandate to create a resource pool of best-in-class professionals for the entire transportation sector across technology, management and policy comprising multidisciplinary teaching, executive training and research. The GSV students will be uniquely qualified to significantly contribute in the transportation-related industries and crucially cater to the rising demands of the global economic order.

GSV follows a demand-driven curriculum to meet the industry needs of the transportation sector with an interdisciplinary pedagogical approach facilitated by advanced technologies, high-quality faculty with global exposure and leveraging state of the art infrastructure of Centralized Training Institutes (CTIs) of Indian Railways.

# Our Vision and Mission

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Innovation-led, Industry-driven University for creating, assimilating and imparting excellence of knowledge and actions accelerating development in the transport and logistics sectors.

”

"Best in the world" futuristic education and research built on credibility, rigor and relevance.

## Mission

Effective collaboration with industry and stakeholders for GSV to be the “focal-point” of the transport and logistics ecosystem.

Imbibe and internalize professional work ethics and culture to foster lifelong learning paradigms for a developed India.



# Visitor of the University



**Smt. Droupadi Murmu**  
**Hon'ble President of India**





## Chancellor

### **Shri Ashwini Vaishnaw**

Chancellor - Gati Shakti Vishwavidyalaya,  
Hon'ble Minister of Railways,  
Information & Broadcasting , Electronics  
and Information Technology, GoI

## Vice Chancellor



### **Prof. Manoj Choudhary**

Vice Chancellor  
Gati Shakti Vishwavidyalaya

# Executive Council



**Prof. Manoj Choudhary**  
Vice Chancellor-GSV,  
Ex-Officio - Chairperson



**Mr. R. Rajagopal**  
DG (HR) Railway Board,  
Govt. of India



**Mr. V. Umashankar**  
Secretary, Ministry of Road Transport  
and Highways, Govt of India



**Prof. Rishikesh Krishnan**  
Director, IIM Bangalore



**Prof. Rajat Moona**  
Director, IIT Gandhinagar



**Mr. Remi Maillard**  
President, Airbus India and Head of  
South Asia region. Marketing Manager



**Mr. Sunil Mathur**  
Managing Director & Chief Executive  
Officer, Siemens Ltd, India.



**Ms. Geeta Gurnani**  
Chief Technology Officer & Technical  
Sales Leader (India & South Asia), IBM



**Mr. Pradeep Gaur**  
Chairman and Managing Director,  
Rail Vikas Nigam Ltd (RVNL)



**Mr. Neelkanth Mishra**  
Chief Economist - Axis Bank,  
Head of Global Research - Axis Capital



**Prof. Jitesh Thakkar**  
Dean - Academics, GSV



**Dr. Venkateswarlu Chintala**  
Registrar (I/C) GSV, Ex-Officio -  
Secretary

# Academic Council



**Prof. Manoj Choudhary**  
Vice Chancellor, GSV  
Ex-officio - Chairperson



**Prof. Deepa Venkitesh**  
Dept. of Electrical Engineering  
IIT Madras



**Dr. Atul Kumar**  
Sr. Research Scientist and Manager  
IBM Research, India



**Mr. Milind Nirmal**  
ED Asia Pacific  
DB Engg. & Consulting



**Mr. G.A. Rakesh**  
Train Development Director,  
Alstom Transport India



**Mr. Shailendra Shrivastava**  
Chief Delivery Officer  
L&T Technology Services (LTS)



**Mr. David Krick**  
Global Director and Vice  
President, Jacobs



**Prof. Jitesh Thakkar**  
Prof. & Dean-Academics  
GSV Vadodara



**Prof. R. Edwin Raj**  
Prof. & Dean-Students  
Welfare GSV Vadodara



**Mr. Pradeep Kumar Garg**  
Ex-Secretary, Railway Board  
Professor of Practice, GSV



**Prof. Chandi Prasad Nanda**  
Professor (On Lien)  
GSV Vadodara



**Dr. Venkateswarlu Chintala**  
Associate Professor & Registrar  
(I/C) Ex-officio - Secretary



**Dr. Jyoti Sharma**  
Assistant Professor  
GSV Vadodara



**Dr. Ram Krishna Upadhyay**  
Assistant Professor  
GSV Vadodara



# Administration

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**Prof. Manoj Choudhary**  
Vice Chancellor, GSV



**Dr. Venkateswarlu Chintala**  
Registrar (I/C)



**Prof. Jitesh Thakkar**  
Dean – Academics



**Dr. R. Edwin Raj**  
Dean – Students' Welfare



**Mr. Pradeep Kumar Garg**  
Dean - ECE



**Ms. Sweta Jain**  
Deputy Finance Officer



**Col. (Retd.) Akshdeep Singh Sodhi**  
Joint Registrar

# Vice Chancellor's Message

Welcome to Gati Shakti Vishwavidyalaya, Vadodara!!

The transportation and logistics sectors play a very significant role in the nation's development. It is in this context that the PM Gati Shakti National Master Plan 2021 was launched to synergize multimodal connectivity. Further, National Logistics Policy 2022 was initiated to optimize the logistics costs for competitiveness.

Gati Shakti Vishwavidyalaya (GSV), a Central University, is India's first and only University in the Transportation and Logistics domains. The University offers a unique value proposition in applied education, training, skilling and research through experiential learning and academia-industry interface to build top-quality manpower.

The academic programs at GSV focuses on the technology, management and policy dimensions to address the emerging opportunities in the domain. Every action of GSV reflects the amalgamation of Industry, Academia and Government working in synergy to address the sectoral challenges.

Being an Industry-driven and Innovation-led University with a relevant mandate to significantly impact national development, the University has rapidly progressed to establish (and is in process of establishing) national and international collaborations across prestigious universities and leading industries.

While the "set-up" and "growth" stage bestow a few challenges typical of any new university, in terms of infrastructure, this enables innovative thought, approaches and satisfaction of co-creating a world-class university. Rapid progress is happening towards additional faculty hiring and plans for creating infrastructure facilities.

Be the transformation for creating a lasting legacy!!

# Programs Offered

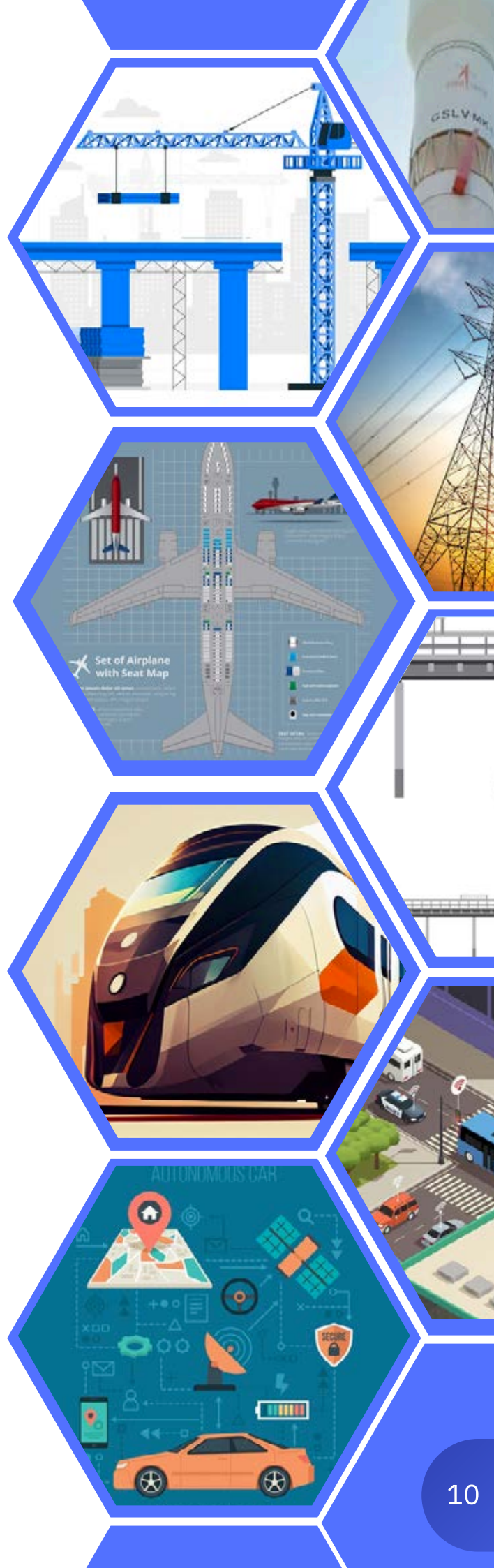
## Technology Stream:

### **B.Tech. Programs (4 Years):**

- B.Tech. in Civil Engineering (Specialization: Rail Engineering)
- B.Tech. in Electronics and Communication Engineering (Specialization: Rail Engineering)
- B.Tech. in Mechanical Engineering (Specialization: Rail Engineering)
- B.Tech. in Electrical Engineering (Specialization: Rail Engineering)
- B.Tech. in Artificial Intelligence and Data Science (Specialization: Transportation and Logistics)
- B.Tech. in Aviation Engineering

### **M.Tech. Programs (Exclusively for Working Industry Professionals) (3 Years):**

- M.Tech. in Intelligent Transport System
- M.Tech. in Railway Engineering
- M.Tech. in Bridge and Tunnel Engineering
- M.Tech. in Roads and Highway Engineering





# Programs Offered

## Management Stream:

### **MBA (Regular) (2 Years):**

- MBA (Logistics and Supply Chain Management)
- MBA (Ports and Shipping Logistics)

### **MBA (Exclusively for Working Industry Professionals) (2 Years):**

- MBA (Logistics & Supply Chain Management)
- MBA (Multi-modal Transportation)
- MBA (Metro Rail Management)
- MBA (Aviation Operations and Management)

### **Ph.D Programs (Exclusively for Working Industry Professionals) :**

- Engineering
- Management



# B.Tech. Civil Engineering

(Specialization: Rail Engineering)



Civil Engineering involves the creation and advancement of infrastructure, inspiring ingenuity and originality to meet the ever-evolving demands of society. The results of such efforts are remarkable structures such as Highways, Modern Railway/Cargo Stations and terminals, Ports, Smart Cities, Bridges, Tunnels, Sea Links, Monuments, Stadiums, Statues etc.

## Unique Features

- Designed and delivered by experienced faculty and practicing engineers.
- Includes railway centric engineering design, construction and maintenance.
- Unique access to one of the world's largest rail networks to experience challenges, problem solving methodology and experiential learning through live projects/internships.
- Exposure to railway infrastructure related courses like Geometric Design of Railway Track System, Track renewal and upgradation, Safety and reliability engineering.





# B.Tech. Electronics and Communication Engineering

(Specialization: Rail Engineering)



The program develops competencies related to Electronics communication, signaling, embedded systems, Internet of things etc. It incorporates technologies enabling safe transportation operations (e.g. KAVACH, Cyber security, Traffic control).

## Unique Features

- Real time hands-on experience for students on sophisticated equipment at Railway establishments.
- Project based learning on the problems identified along with the industry.
- Industry centric internships with good hands-on skilling.
- Big data and data analytics platforms.





# B.Tech. Mechanical Engineering

(Specialization: Rail Engineering)



The program focuses on core manufacturing processes, materials, machine tools, tribology, thermal, refrigeration and air conditioning , rolling stock, rail-wheel interactions, high-speed rail systems, railway operations etc.

## Unique Features

- Mechanical engineering courses embedded with railway flavored courses.
- Smart manufacturing and Industry 4.0 emphasize to drive the students towards the emerging market needs in transportation segment.
- Double stack containers, Cargo transportation vehicles design and deployment for achieving green supply chain in freight sector.
- Mechatronics, new emerging technologies (Hyperloop, Fuel cell, 3D printing etc.).



# B.Tech. Electrical Engineering

(Specialization: Rail Engineering)



The program intends to develop competencies and skills for the analysis and design of Electricity based transportation systems such as electric locos, electric vehicles, Propulsion and traction systems etc.

## Unique Features

- State of the art laboratory for High voltage systems analysis for railways and other domains.
- Propulsion and traction systems exposure at electrical loco shed, Indian Railways.
- Real time hands-on experience for students on sophisticated equipments at Railway establishments.





# B.Tech. Artificial Intelligence & Data Science

(Specialization: Transportation and Logistics)



The program incorporates the latest technologies in the domain of Artificial Intelligence & Data Science. The program will prepare the students to fill in niche areas as Data Scientist, Business Analyst, Researcher to tackle real-life problems in the field of Machine learning, Statistics, knowledge discovery, and data visualization. Graduates will be able to handle various challenging problems in logistics and transportation such as network optimization, traffic monitoring and control, predictive asset management, IoT enabled warehouse management etc.



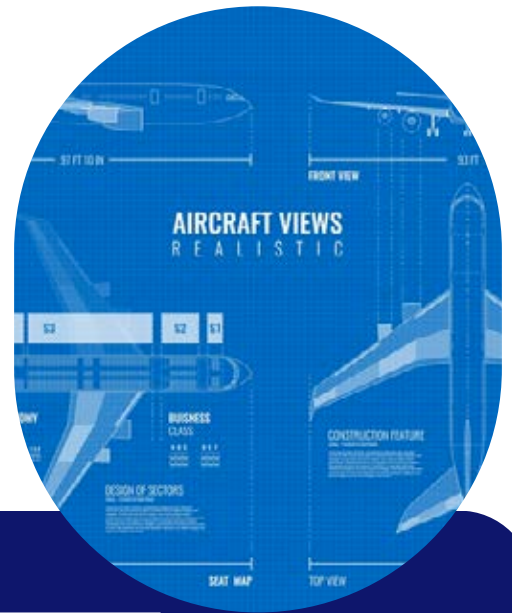
## Unique Features

- Tailor made curriculum based on the industry inputs (e.g. IBM).
- Artificial intelligence and machine learning in transportation domain.
- Elective courses imparting Industry relevant skills, supplemented by internships.
- IT infrastructure enabled curriculum outcomes.





# B.Tech. Aviation Engineering



The program focuses on essential aspects of aircraft design, propulsion system, aerodynamics, avionics, aircraft maintenance, aerospace engineering, drones, etc. The comprehensive curriculum imparts hands-on experience and managerial skills to graduates to have a bright career in aircraft design, manufacturing, maintenance, and to pursue advanced research in the aviation industry.

## Unique Features

- Program provides unique insights into cutting-edge technologies, industry best practices, and trends.
- Curriculum aligned with industry standards facilitates smooth transition to professional roles.
- Specialized courses in drone technology and aviation engineering enhance competitiveness and job opportunities.
- Diverse elective options cater to individual interests and career pathways.
- Mandatory internships provide real-world experience and industry connections.



# M.Tech. Intelligent Transport System

(Exclusively for Working Professionals)



The program is crafted to cater to the growing demand for transportation professionals equipped with advanced expertise in sustainable, integrated, and AI powered transportation systems, a necessity in India's rapidly evolving infrastructure landscape. It will equip the students with both foundational and cutting-edge engineering knowledge essential for modern transportation engineers to effectively plan and oversee intricate intelligent transport systems.

## Unique Features

- This program offers a holistic blend of fundamental and advanced engineering concepts tailored specifically for the intricate demands of India's transportation sector.
- Industry relevance with a focus on real-world applications and hands-on experience through industry collaborations, internships, and case studies.
- Multi-disciplinary approach to achieve 360 degree knowledge of ITS.
- Specialized focus on applied AI and Data Analysis to enhance transportation sector efficiency.





# M.Tech. Railway Engineering

(Exclusively for Working Professionals)



The railway industry is undergoing a thrilling transformation. As the world demands sustainable and efficient transportation solutions, rail takes centre stage. Our program equips students with the cutting-edge knowledge and practical skills to become a pioneer in this dynamic field.

## Unique Features

- This program provides students with a thorough comprehension of general railway operations and essential subsystems applicable across departments.
- Offers extensive domain knowledge concerning the technology utilized within railway systems.
- Prioritizes hands-on experience through visits to railway establishments, facilitating real-world immersion in students' respective fields.
- Focuses on enhancing the practical skills of Working Industry Professionals, enabling them to apply their expertise effectively in their roles.
- Engages students in selecting dissertation topics addressing contemporary challenges within the rail industry, with a focus on devising practical solutions.



# M.Tech. Bridge and Tunnel Engineering

(Exclusively for Working Professionals)



This program intends to enable the graduates to develop essential skills needed for designing, planning and operational aspects related to bridges, tunnels, subways, and other underground structures. The graduates will acquire deep knowledge of principles behind bridge design, analysis, construction methods, and materials for diverse bridge types. The program will help students to acquire deep understanding on Tunnel engineering aspects such as excavation techniques rock mechanics, tunnel lining design, and crucial safety considerations for underground construction.



## Unique Features

- Bridge Engineering: Bridge design, analysis, materials, and construction methods for various bridge types.
- Tunnel Engineering: Excavation techniques, rock mechanics, tunnel lining design, and safety considerations.
- Advanced Construction Techniques: Learn about cutting-edge technologies used in bridge and tunnel construction.
- Project Management: Gain the skills to manage complex bridge and tunnel projects efficiently.





# M.Tech. Roads and Highway Engineering

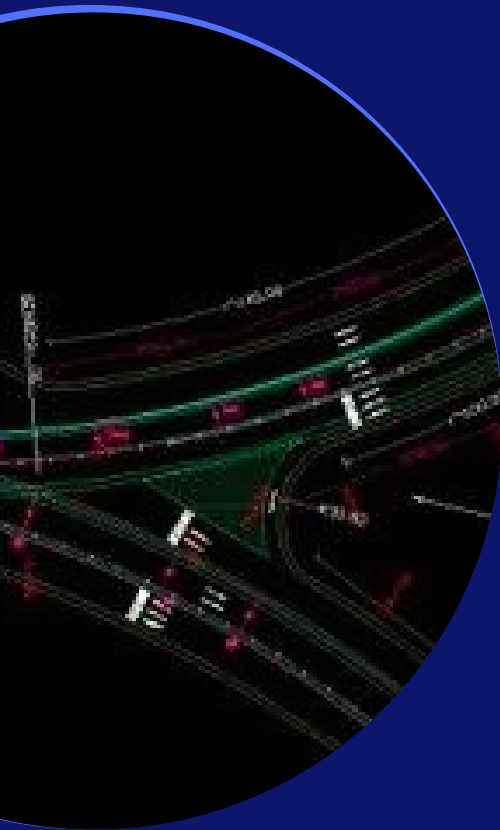
(Exclusively for Working Professionals)



M.Tech. in Roads and Highway Engineering program is designed to provide students with a strong foundation in highway engineering principles and practices. The program focuses on the design, construction, and management of highways, roadways, and transportation infrastructure.

## Unique Features

- Equips students with the advanced knowledge and skills related to transportation engineering, highway design principles, pavement engineering, traffic management, and transportation planning.
- Includes courses such as highway planning and design, traffic engineering, pavement design and analysis, transportation system analysis, and road safety engineering.
- Provides experiential learning in design, development and maintenance of Roads and Highway using a mix of approaches such as laboratory exercises, software tools, and simulations.
- Experienced faculty members and field experts with expertise in roads and highway engineering will mentor the students for their research projects or thesis work.
- Students will have opportunities for field visits, internships, or industry collaborations, allowing them to gain practical experience and exposure to real-world highway engineering projects.



## **MBA (Logistics and Supply Chain Management)**

- The program is designed to develop a strong foundation in theories, methods, and tools for managerial and analytical skills for design, integration and coordination of supply chains at multiple levels, bringing innovative and dynamic solutions to a fast-paced business environment.
- Specialized courses offered in areas such as logistics & warehousing systems, supply chain strategy, freight transportation and revenue management to develop an interdisciplinary perspective.

## **MBA (Ports and Shipping Logistics)**

- The program is designed to provide in-depth knowledge of ports and shipping operations, by building a strong foundation in theories, methods and tools needed to design, organize and supervise ports and shipping logistics systems.
- Specialized courses are offered in areas such as Ports and Shipping Management; Maritime Economics; IT in Port Logistics; Sustainable Port Development and Green Operations; Artificial Intelligence & Machine Learning in Port Operations; Port Development and Infrastructure Strategy; Legal Aspects of Shipping; Digital Security in Maritime Logistics.

The students acquire the professional competencies in the domains such as data analytics, optimization, integration of business functions, transport safety and reliability, logistics & supply chain processes, finance and business models, and implementation of advanced technologies such as IoT and ICT in transport and supply chain sector.





## **MBA (Multi-modal Transportation)**

- The program aims to provide in-depth knowledge of multi-modal transport operations, by building a strong foundation in theories, methods and tools needed to design, manage, coordination of the different modes of transport and optimize multi-modal transport systems, thereby supporting the growth of international trade and enhancing the efficiency of global supply chains.
- Students are offered specialized courses in areas such as Multi-Modal Transportation Management; Multi-Modal Transportation Economics; Multi-Modal Transportation People Management; Multi-Modal Transportation Pricing and Financing; Cargo and Container Handling Management; Multi-Modal Transportation Engineering; Multi-Modal Transportation Infrastructure Planning and Development; International Trade and Commerce & Multi-Modal Transportation System Safety and Reliability to develop an interdisciplinary perspective.

## **MBA (Metro Rail Management)**

- The program is designed to cater to the needs of Metro Rail by combining the general management skills, personal competency development and the fundamentals of business administration to provide in-depth knowledge of metro rail operations, by building a strong foundation in theories, methods and tools needed to design, organize and supervise metro rail management systems.
- Students are offered specialized courses in areas such as Metro Rail Economics; Metro Rail People Management; Metro Rail Pricing and Financing; Urban Transportation and Metro Rail System; Urban and Metro Rail Infrastructure Planning and Development; and Metro Rail Marketing & Services to develop an interdisciplinary perspective.

The students acquire the professional competencies in the domains such as data analytics, optimization, integration of business functions, transport safety and reliability, logistics & supply chain processes, finance and business models, and implementation of advanced technologies such as IoT and ICT in transport and supply chain sector.





# MBA (Aviation Operations and Management)

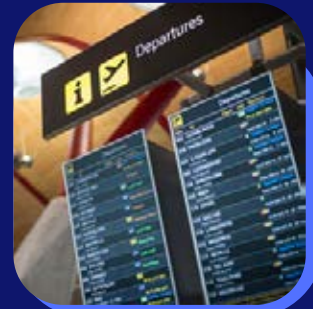
(Exclusively for Working Professionals)



The goal of this program is to ensure the safe, efficient, and profitable operation of airlines and airports while delivering high levels of customer satisfaction. It intends to equip the students for mid and senior managerial positions in diverse sectors like airlines, airports, air cargo, e-commerce, warehousing, research, and consulting globally, addressing a significant shortage of skilled professionals in the aviation industry. This 2-year course shall equip students with the knowledge to manage operations, expenses, resource management of any aviation firm or airline.

## Unique Features

- Flight operations: Scheduling, dispatching, and managing aircraft and crews.
- Airport operations: Managing terminal facilities, ground transportation, baggage handling, and security.
- Cargo operations: Handling and transporting air cargo efficiently.
- Maintenance engineering: Ensuring aircraft and equipment are airworthy.
- Customer service: Providing excellent passenger experiences.
- Financial management: Managing airline finances, revenue, and costs.
- Risk management: Identifying and mitigating risks to operations.



# Ph.D

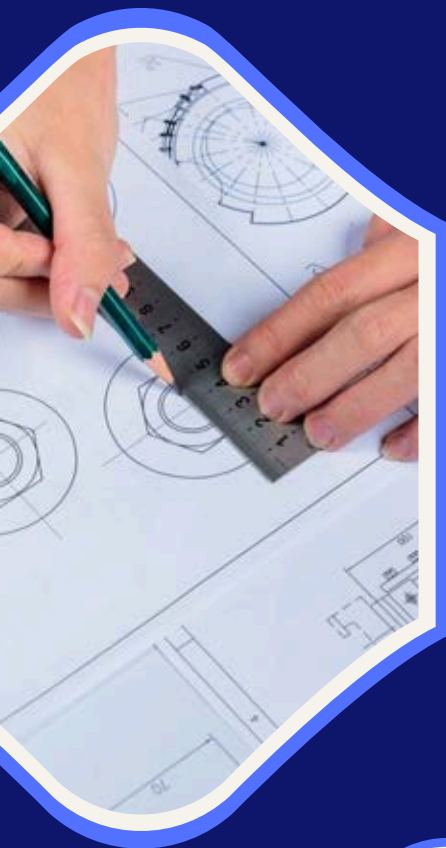
- Engineering
- Management



The Ph.D program in Engineering / Management for Working Industry Professionals offers a unique opportunity to undertake critical investigation of real life industry problems. It is designed for experienced professionals who want to pursue impactful research in transport specific areas.

## Unique Features

- GSV- India's first university in transportation and logistics sector provides students a unique opportunity to undertake multidisciplinary research in challenging issues in transportation and logistics.
- Opportunity to undertake research in engineering and management for real life industry problems.
- Conduct groundbreaking research under renowned faculty, culminating in a published dissertation.
- Elevates professional competencies in-terms of scientific inquiry and investigation, analytical abilities and structured approach required for solving the complex and large scale problems.



# Admission Procedure

## • Academic Programs and Eligibility Criteria

### Technology stream

Program	Eligibility and Qualifying Exam	Last Date to Apply Online
<b>B.Tech. (4 Years)</b>	<p>(i) Admissions to the Bachelor of Technology (B.Tech) Programs are through JOSAA/CSAB (Joint Seat Allocation Authority / Central Seat Allocation Board).</p> <p>(ii) JEE (Main)-2025.</p>	<p><b>As per JOSAA Calendar.</b></p> <p>Visit JOSAA / CSAB Websites <a href="https://josaa.nic.in">https://josaa.nic.in</a> / <a href="https://csab.nic.in">https://csab.nic.in</a> for details.</p>
<b>Selection Process</b>	Admissions to the B.Tech. programs will be based on the JEE (Main)-2025 scores.	

Program	Eligibility and Qualifying Exam	Admissions Opens in the Month
<b>M.Tech. (Exclusively for Working Industry Professionals) (3 Years)</b>	<p>(i) B.Tech/BE with at least 60% marks or at least 6.5/10 Cumulative Performance Index (CPI) or Cumulative Grade Point Average (CGPA). (50% marks or at least 5.5/10 CGPA/CPI for the reserved category candidates).</p> <p>(ii) Candidates admitted in this category shall be a full-time employee with minimum two years of work experience and sponsored by Industry, R&amp;D organisations, Laboratories, NGOs, and Banking Institutions.</p> <p>(iii) Reservation as per the Govt. of India norms.</p>	<p><b>April, 2025</b></p> <p><b>(to be applied in online mode)</b></p> <p><b>Visit Website</b> <a href="https://gsv.ac.in">https://gsv.ac.in</a> for details.</p>
<b>Selection Process</b>	<ul style="list-style-type: none"> <li>The selection process will involve two stages i.e. (1) GSV Entrance Test and (2) Personal Interview.</li> <li>The initial screening will be done based on the Entrance Test. The candidates shortlisted based on Entrance Test will be called for Personal Interview.</li> <li>The merit list will be prepared based on the composite scores of Entrance Test (50% weightage) and Personal Interview (50% weightage).</li> </ul>	



# Admission Procedure

- Academic Programs and Eligibility Criteria

## Management stream

Program	Eligibility and Qualifying Exam	Admissions Opens in the Month
<b>MBA (Regular)</b> (2 Years)	(i) Bachelor's degree in any discipline with Mathematics or Statistics as one of the subjects, with at least 60% marks or at least 6.5/10 Cumulative Performance Index (CPI) or Cumulative Grade Point Average (CGPA). (50% marks or at least 5.5/10 CGPA/CPI for the reserved category candidates).  (ii) MBA (LSCM) - CUET-PG/XAT/CAT/MAT (iii) MBA (Port and Shipping Logistics) - IMU - CET/ CUET-PG/ XAT/CAT/MAT.	<b>April, 2025</b>  <b>(to be applied in online mode)</b>  <b>Visit Website</b> <a href="https://gsv.ac.in/">https://gsv.ac.in/</a> <b>for details.</b>
<b>Selection Process</b>	<ul style="list-style-type: none"><li>Initial screening will be done on the basis of valid scores of the Entrance Test i.e. IMU-CET or CUET PG (2025) or CAT -2024 or XAT-2025 or MAT-2025.</li><li>The shortlisted candidates will be required to appear for personal interviews in online mode.</li><li>Admissions will be offered based on the composite scores of Entrance Test, Personal Interview, Past Academic Performance, and Work Experience as indicated below :-</li><li>Entrance Test (IMU-CET/CUET-PG/CAT/MAT/XAT) 50%, Personal Interview (20%), Work Experience (10%), 12th Standard (10%), and 10th Standard (10%).</li><li>Work Experience: More than 36 months (100%), between 12 and 36 months, then <math>4 \times (\text{No. of months} - 11) \%</math>, and no marks for less than 12 months.</li></ul>	

# Admission Procedure

- Academic Programs and Eligibility Criteria

## Management stream

Program	Eligibility and Qualifying Exam	Admissions Opens in the Month
<b>MBA (Exclusively for Working Industry Professionals) (2 Years)</b>	<p>(i) Bachelor's degree in any discipline with Mathematics or Statistics as one of the subjects, with at least 60% marks or at least 6.5/10 Cumulative Performance Index (CPI) or Cumulative Grade Point Average (CGPA). (50% marks or at least 5.5/10 CGPA/CPI for the reserved category candidates).</p> <p>(ii) Candidates admitted in this category shall be a full-time employee with minimum two years of work experience and sponsored by Industry, R&amp;D organisations, Laboratories, NGOs, and Banking Institutions.</p> <p>(iii) Reservation as per the Govt. of India norms.</p>	<p><b>April, 2025</b></p> <p><b>(to be applied in online mode)</b></p> <p><b>Visit Website</b> <a href="https://gsv.ac.in/">https://gsv.ac.in/</a> <b>for details.</b></p>
<b>Selection Process</b>	<ul style="list-style-type: none"><li>The selection process will involve two stages i.e. (1) GSV Entrance Test and (2) Personal Interview.</li><li>The initial screening will be done based on the Entrance Test. The candidates shortlisted based on Entrance Test will be called for Personal Interview.</li><li>The merit list will be prepared based on the composite scores of Entrance Test (50% weightage) and Personal Interview (50% weightage).</li></ul>	

# Admission Procedure

- Academic Programs and Eligibility Criteria

## Ph.D in Engineering (Exclusively for Working Professionals in Industry)

Professionals)

Program	Eligibility and Qualifying Exam	Admissions Opens in the Month
<b>Ph.D in Engineering</b>	<p>(i) Applicants with a Master's degree in Engineering/ Science, namely M.Tech, M.E., M.Sc.(Engineering/ Science) or MS with at least 60% marks or at least 6.5/10 Cumulative Performance Index (CPI) or Cumulative Grade Point Average (CGPA). Such students are required to have at least 60% marks or 6.5/10 CPI or CGPA in Bachelor's degree. (50% marks or at least 5.5/10 CGPA/CPI for the reserved category candidates).</p> <p>(ii) Applicants with a Bachelor's degree in Engineering with B.Tech/B.E. or B.Sc. (Engineering) 4-year degree with at least 80% marks or at least 8.5/10 CPI or CGPA.</p> <p>(iii) Candidates admitted in this category shall be a full-time employee with minimum two years of work experience and sponsored by Industry, R &amp; D organisations, Laboratories, NGOs, and Banking Institutions.</p>	<p><b>April, 2025</b></p> <p><b>(to be applied in online mode)</b></p> <p><b>Visit Website</b>  <a href="https://gsv.ac.in/">https://gsv.ac.in/</a>  <b>for details.</b></p>
<b>Selection Process</b>	<ul style="list-style-type: none"> <li>The selection process involves two stages i.e. GSV Entrance Test and Viva-voce.</li> <li>The initial screening will be done based on the Entrance Test and the candidates scoring minimum 50% marks in the Entrance Test will be shortlisted for Viva-voce.</li> <li>The merit list will be prepared based on the composite scores of the Entrance Test (50% weightage) and Viva-voce (50% weightage).</li> </ul>	



# Admission Procedure






- Academic Programs and Eligibility Criteria

## Ph.D in Management (Exclusively for Working Professionals in Industry)

(Professionals)

Program	Eligibility and Qualifying Exam	Admissions Opens in the Month
Ph.D in Management	<p>(i) Master's degree in Management/Humanities/Social Sciences/Sciences/Engineering or allied areas with at least 60% marks or at least 6.5/10 Cumulative Performance Index (CPI) or Cumulative Grade Point Average (CGPA). Such students are required to have at least 60% marks or 6.5/10 CPI or CGPA in Bachelor's degree. (50% marks or at least 5.5/10 CGPA/CPI for the reserved category candidates).</p> <p>(ii) Applicants with a Bachelor's degree in Engineering with B.Tech/B.E. or B.Sc. (Engineering) 4-year degree with at least 80% marks or at least 8.5/10 CPI or CGPA.</p> <p>(iii) Candidates admitted in this category shall be a full-time employee with minimum two years of work experience and sponsored by Industry, R &amp; D organisations, Laboratories, NGOs, and Banking Institutions.</p>	<p><b>April, 2025</b></p> <p><b>(to be applied in online mode)</b></p> <p><b>Visit Website</b> <a href="https://gsv.ac.in/">https://gsv.ac.in/</a> <b>for details.</b></p>
Selection Process	<ul style="list-style-type: none"><li>The selection process involves two stages i.e. GSV Entrance Test and Viva-voce.</li><li>The initial screening will be done based on the Entrance Test and the candidates scoring minimum 50% marks in the Entrance Test will be shortlisted for Viva-voce.</li><li>The merit list will be prepared based on the composite scores of the Entrance Test (50% weightage) and Viva-voce (50% weightage).</li></ul>	

# Scholarships / Financial Aid

Offering Organisation	Number Of Scholarships	Scholarship Benefits
Gati Shakti Vishwavidyalaya	<b>Category A:</b> Family income up to Rs 100000/-	<ul style="list-style-type: none"> <li>• 100 % Tuition Fees Waiver.</li> <li>• 50% Hostel Fees Waiver.</li> </ul>
	<b>Category B:</b> Family income above Rs 100000/- up to Rs 300000/-	<ul style="list-style-type: none"> <li>• 50% Tuition Fees Waiver.</li> <li>• 25% Hostel Fees Waiver.</li> </ul>
<b>Other Scholarships</b>		
Airbus 	Offered to 40 Students for 2024-25 batch for 4 years	100% Tuition and Hostel Fees Waiver.
Plasser 	Total of 10 Students	100% Tuition and Hostel Fees Waiver.
Siemens 	Eligible students fulfilling the norms	100% Tuition and Hostel Fees Waiver
Chetak Foundation 	1 UG and 1PG	100% Tuition and Hostel Fees Waiver
Central Warehousing Corporation 	10 UG and 10 PG	100% Tuition and Hostel Fees Waiver

- Scholarship offer of hostel fees is applicable only for University Hostel Residents.

## • Hostel Facilities

- Residential hostel facilities are available for all UG students. Besides, efforts will be made to accommodate all the female PG students as well. The hostel facility is only available for regular students.
- The university reserves the right to allocate the hostel facilities.

## • How to Apply for Admission

For <b>B.Tech.</b>	For <b>MBA (Regular), MBA, M.Tech. Ph.D (Working Professionals)</b>
JOSAA / CSAB Websites <a href="https://josaa.nic.in/">https://josaa.nic.in/</a> <a href="https://csab.nic.in">https://csab.nic.in</a>	Samarth Portal

Links to apply will be available on the official (<https://gsv.ac.in>)

## • Withdrawal Procedure

Admission withdrawal and refund of fee as per UGC norms (for regular students).

## • Fee Details for Academic Year 2025-26

Sr. No.	Programs	Annual Tuition Fees (Rs.)	Annual Hostel Charges (Rs.)
1.	B.Tech.	1,53,100	43,600*
2.	M.Tech. (Exclusively for Working Industry Professionals)	80,000	N.A.
3.	MBA (Regular)	2,14,300	N.A.
4.	MBA (Exclusively for Working Industry Professionals)	2,50,000	N.A.
5.	Ph.D (Exclusively for Working Industry Professionals)	40,000	N.A.

**\*Rs. 43,600** will be the charges for **Double Sharing Rooms** while charges for **Triple Sharing Rooms** would be **Rs. 29,050. (Allotment as per availability)**

- Power charge: fixed amount
- Tuition Fee, Hostel Fee and Mess charges are payable in two installments (semester-wise),
- Details of other fees such as Caution Deposit (Refundable), Admission Fee (One-Time), Registration Fee, Campus Facilities Charges, Electricity charges, Student Benevolent Fund as applicable for various programs, is available on the website.





# Regular Faculties 1/3



**Prof. Jitesh Thakkar**  
Professor  
PhD (IIT Delhi)



**Prof. R Edwin Raj**  
Professor  
PhD (IIT Roorkee)



**Prof. Pradeep Kumar Garg**  
Professor of Practice  
Ex-Indian Railway Service of Engineers  
(IRSE) Officer



**Prof. Chandi Prasad Nanda**  
Professor (On Lien)  
PhD (JNU)



**Dr. V. Chintala**  
Associate Professor  
PhD (IIT Delhi)



**Dr. Vipul Kumar Mishra**  
Associate Professor  
PhD (IIT Indore)



**Dr. Pradeep**  
Assistant Professor  
PhD (IIT Hyderabad)



**Dr. Abhilasha Saksena**  
Assistant Professor  
PhD (Tokuhu University, Japan)



**Dr. Ram K. Upadhyay**  
Assistant Professor  
PhD (IIT Dhanbad)



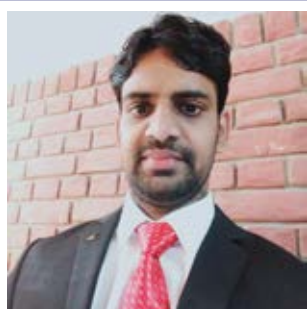
**Dr. Hari K. Gaddam**  
Assistant Professor  
PhD (IIT Delhi)



**Dr. Jyoti Sharma**  
Assistant Professor  
PhD (University of Delhi)



**Dr. Pradeep Kr. Saroj**  
Assistant Professor  
PhD (IIT Dhanbad)



**Dr. Navneet Lal Sharma**  
Assistant Professor  
PhD (IIT Indore)



**Dr. Sunil Kr. Sharma**  
Assistant Professor  
PhD (IIT Roorkee)



**Dr. Bharat Bhushan Sharma**  
Assistant Professor  
PhD (IIT Roorkee)



**Dr. Anshika Srivastava**  
Assistant Professor  
PhD (MNNIT Allahabad)

# Regular Faculties 2/3



**Dr. Prasiddh K. Trivedi**  
Assistant Professor  
PhD (IIT Bombay)



**Dr. Sumit Kumar**  
Assistant Professor  
PhD (IIT Dhanbad)



**Dr. Siva Rama Krishna Madeti**  
Assistant Professor  
PhD, (IIT Roorkee)



**Dr. Kuldeep Singh**  
Assistant Professor  
PhD, (IIIT Allahabad)



**Dr. Ravikumar K N**  
Assistant Professor  
PhD (NIT Surathkal)



**Dr. Praveen Chandradhas**  
Assistant Professor  
PhD (HBNI, Mumbai)



**Dr. Dinesh Gundavaram**  
Assistant Professor  
PhD (IIT Patna)



**Dr. Shweta Saharan**  
Assistant Professor  
PhD (MNIT Jaipur)



**Dr. Krishna Dayal Shukla**  
Assistant Professor  
PhD (IIT Indore)



**Dr. Pramila Jakhar**  
Assistant Professor  
PhD (IIT Indore)



**Dr. Kumar Sourabh**  
Assistant Professor  
Ph.D (HBNI Mumbai)



**Dr. Gaurav Khare**  
Assistant Professor  
Ph.D (IIT Kanpur)



**Dr. Asifa Yesmin**  
Assistant Professor  
Ph.D (NIT Silchar)



**Dr. Sumanta Chaudhuri**  
Assistant Professor  
Ph.D (IIT Madras)



**Dr. B. Anil Kumar**  
Assistant Professor  
Ph.D (IIT Roorkee)



**Dr. Sagar**  
Assistant Professor  
Ph.D (IIT Dhanbad)

# Regular Faculties 3/3



**Dr. Kiran Gunde**  
Assistant Professor  
Ph.D (NIT Warangal)



**Dr. Sonu Lamba**  
Assistant Professor  
Ph.D (MNIT Jaipur)



**Dr. Nikhil Ranjan**  
Assistant Professor  
Ph.D (IIT Dhanbad)



**Dr. Krishna Chaitanya**  
Assistant Professor  
Ph.D (IIT Guwahati)



**Dr. Priyanka**  
Assistant Professor  
Ph.D (IIT BHU)



**Dr. Anil Kumar Agarwal**  
**Eminent Professor**  
Ex Professor & Ex-HOD  
Mechanical Engineering IIT BHU

## Distinguished Visiting / Adjunct Professors



**Mr. Anil Kumar Lahoti**  
Ex-CRB & CEO, Railway Board  
Indian Railways



**Mr. Pawan Kumar Agarwal**  
IAS, Ex Special Secretary,  
Logistics



**Dr. Prabuddha Ganguli**  
Chief Executive Officer  
Vision IPR



**Dr. Satya Gupta**  
CEO, EPIC Foundation &  
President, VLSI Society of India



**Capt. Dhruv Rebbapragada**  
Regional Safety Director South  
Asia, Airbus



# Executive Training Programmes

## Workshop: GSV & DPIIT



## Rail Grinding Technology: For Serving Indian Railway Officers



## Safety Management System (Aviation Sector)



## Flight Operations Engineering (Aviation Sector)



# ITEC: Leadership Competencies in Logistics & SCM

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## Officers of Defence Forces ( Indian Air Force)

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## IRMS Probationers

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## "ITEC- URBAN MOBILITY"

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# Visiting Faculties (1/2)

Faculty from top notch institutions from India and abroad are associated with the GSV and contribute to teaching and research.

Name	Designation	Affiliation
Dr. G. Raghuram	Ex-Director	IIM Bangalore
Dr. Krishnan Venkateswaran	Sr. Technical Officer	University of Birmingham
Mr. Sanjiv Garg	Retired Secretary General	CILT India
Mr. Arun Arora	Director	Chetak Foundation
Mr. O. P. Kesari	Retired Senior Professor	RDSO, Indian Railways
Mr. Naresh Lalwani	Ex - GM, Central Railways	Indian Railways
Mr. R K Shekhawat	Senior professor, IRICEN	Indian Railways
Dr. Palani Iyamperumal Anand	Professor	IIT Indore
Mr. Narayan Parvatikar	Retired Signaling Engineer	Indian Railways
Mr. Sudheer Kumar Sabbani	Railway Signalling Engineer	Cyient Ltd.
Prof. Goutam Dutta	Ex-Professor	IIM Ahmedabad
Prof. Bhupesh Kumar Lad	Professor	IIT Indore
Prof. Saswata Biswas	Professor	IRMA
Sh. Mahender Singh	Principal	DMRA
Dr. Kamal Kishore Sharma	Professor	IIM Khozikode
Dr. Satish Duryodhan	CEO and Chief Mentor	IIM Ahmedabad
Dr. GodwinTennyson	Professor	IIM Tiruchirappalli
Dr. Niladri Chatterjee	Professor	IIT Delhi
Dr. Ravi Hegde	Associate Professor	IIT Gandhinagar
Dr. Bipin Srivastava	Professor, Indian Railways Welding Research Institute	Indian Railways
Dr. Babji Srinivasan	Associate Professor	IIT Madras



# Visiting Faculties (2/2)

Name	Designation	Affiliation
Dr. L. S. Ganesh	Vice Chancellor	ICFAI
Dr. Mukul Chandorkar	Professor	IIT Bombay
Dr. S. K. Katiyar	Professor	MANIT Bhopal
Mr. Gaurav Srivastava	Senior Manager - Civil	NHSRCL (SPV)
Dr. Bhola Ram Gujar	Professor	IIT Roorkee
Dr. Aruna Govada	Associate Professor	NIELIT Daman
Dr. Vijay Kumar	Assistant Professor	NITIE Mumbai
Dr. V. A. Shah	Professor	SVNIT Surat
Dr. M. Mansoor Ahammed	Professor	SVNIT Surat
Dr. Srinivas Arkatkar	Associate Professor	SVNIT Surat
Dr. Suresh Lakshmishetty	Assistant Professor	SVNIT Surat
Dr. Anirban Mandal	Professor	VNIT Nagpur
Dr. Akansha Choudhary	Assistant Professor	IIT Jodhpur
Dr. Mukund Trikande	Scientist 'H'	DRDO
Dr. Ravindra Kumar Singh	Professor of Law	GNLU Gandhinagar
Dr. Akhilesh Barve	Professor	MANIT Bhopal
Mr. Prashant Prabhakar	Industrial Expert	Bridges Academy
Dr. Hasmukh Gujjar	Associate Professor	IIM Indore
Dr. Sumit Kalra	Assistant Professor	IIT Jodhpur
Dr. Rishman Jot Kaur Chahal	Assistant Professor	IIT Roorkee

# Placements and Internships

The Career Development Centre (CDC) at GSV is established to act as a supporting platform, which is not only facilitates skill enhancement for students, but also allow them to find the right match for their skill through both internships and placements. CDC provide students with the resources, tools, and guidance they need to explore career options and make informed decisions. CDC through a dedicated team of faculty, placement officer and student committee do outreach and skill development activates throughout the year. Due to the university commitment in delivering the best, the results from the last couple of years are outstanding where many top-notch companies visited the campus for placements and internships. More than 100 companies showed interests in recruitment of engineering and management students. Some of the top recruiters' details are as follows:

**ALSTOM**  
• mobility by nature •

**DF**  
Dedicated Freight Corridor



**SIEMENS**

**Plasser India**



**TITAGARH**  
RAIL SYSTEMS LIMITED

**TATA**  
TATA CONSULTING ENGINEERS LIMITED

**tcs**

**eInfochips**

**BHARUCH DAHEJ RAILWAY COMPANY LIMITED**

**TATA PROJECTS**  
Simplify.Create

**SYSTRA**

**L&T Technology Services**

**Wabtec**  
CORPORATION

**ELEMATIC**

**aarvee**

**HITACHI**

# Placements and Internships

**Mahindra**  
LOGISTICS

**DELHIVERY**

**JSW**

**DHL**

**JM BAXI**  
THE PORT SPECIALIST

**JSL**  
JINDAL STAINLESS

**INDI COLD®**

**WONDER CEMENT**  
— FARQ NAZAR AAYEGA —

**ADITYA BIRLA**  
**UltraTech**

**EXG**  
EXPRESS GLOBAL LOGISTICS PVT LTD  
SINCE 1946

**OM LOGISTICS LTD.**  
Making Business Simple

**all cargo**  
logistics ltd.

**TVS**  
Supply Chain Solutions

**DP WORLD**

**Flipkart**



**e2E RAIL**

**cogoport**

**TCI**  
LEADERS IN LOGISTICS

**SAFEXPRESS**  
THE COMPLETE LOGISTICE SOLUTIONS

**TRANSWORLD**  
TERMINALS PRIVATE LIMITED

**Shree Cement**

**IRP**  
INFRA TECH PVT LTD

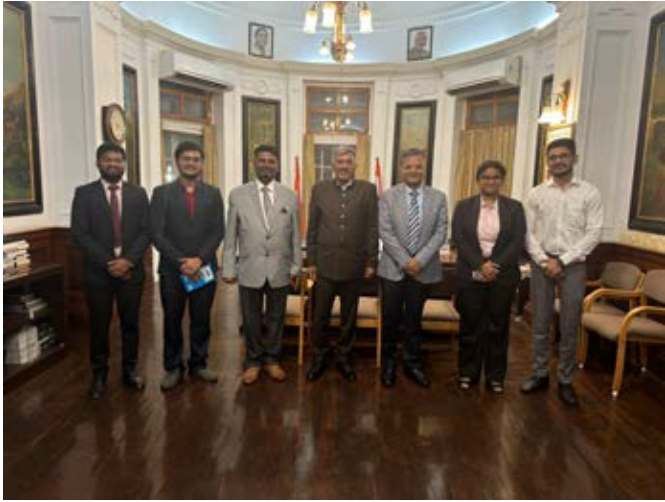
**VOLVO**

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**GATEWAY**  
DISTRIPARKS



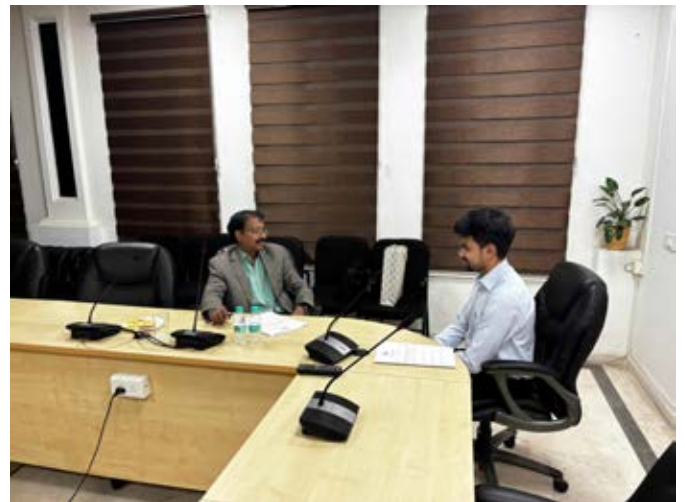
# Placements and Internships



JSW visit to GSV



Alstom visit to GSV



IRP visit to GSV



MSC Logistics visit to GSV

# Clubs @ GSV

Event Managment Club



TechnoCrats



Business Club



Malhaar -The Music Club



Nrtiya - Dance Club



Literary Club



Media and Tech



Debate and Quiz Club



SAEINDIA Collegiate Club



# Partnership & Collaborations

GSV has forged partnership with many top ranked Global Universities and organizations offering opportunities for Student and Faculty Exchange, scholarships, Joint Research and Learning, Including:



Indian Chamber of Commerce



The Chartered  
Institute of Logistics  
and Transport



JTTRI  
Japan Transport and Tourism Research Institute



MONASH  
University

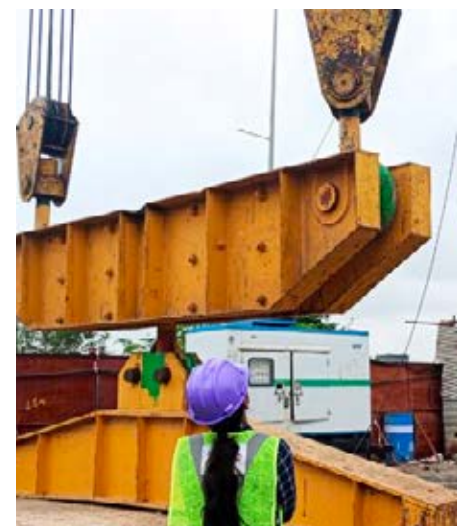


GSFC  
UNIVERSITY





# Summer Internship





# Educational Visits (1/2)





# Educational Visits (2/2)

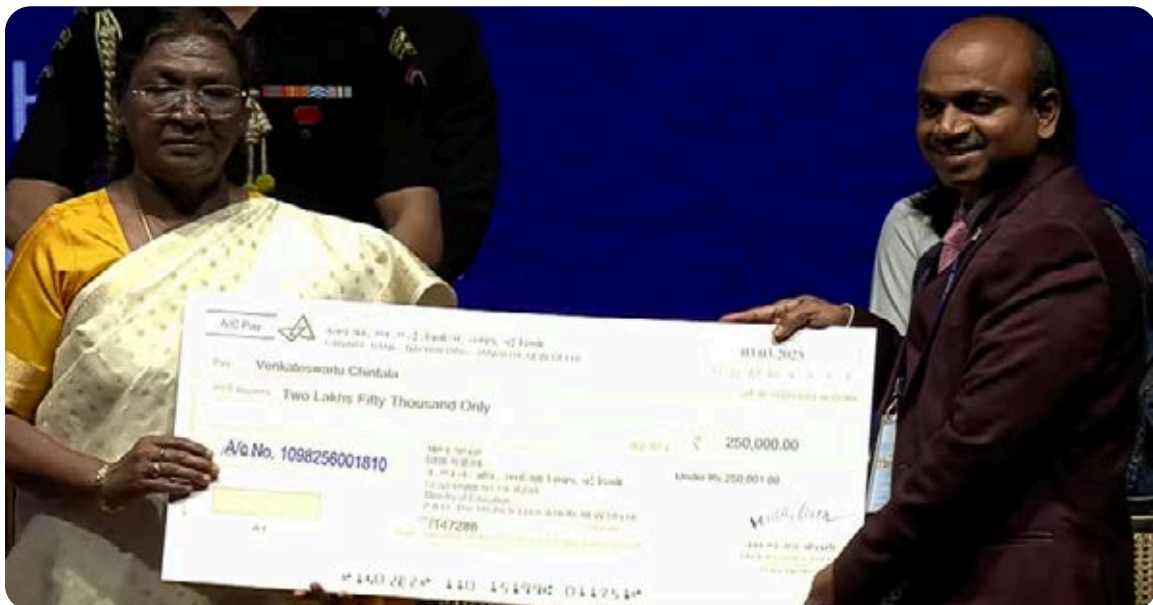




# GSV's Vibrant Presence



GSV is recognised by ET for Excellence in Industry -Academia Collaboration



Dr. Venkat Chintala, GSV Faculty was honoured with Visitor's Award for Technology Development at Rashtrapati Bhavan

# GSV's Vibrant Presence





# Life @ GSV (1/2)

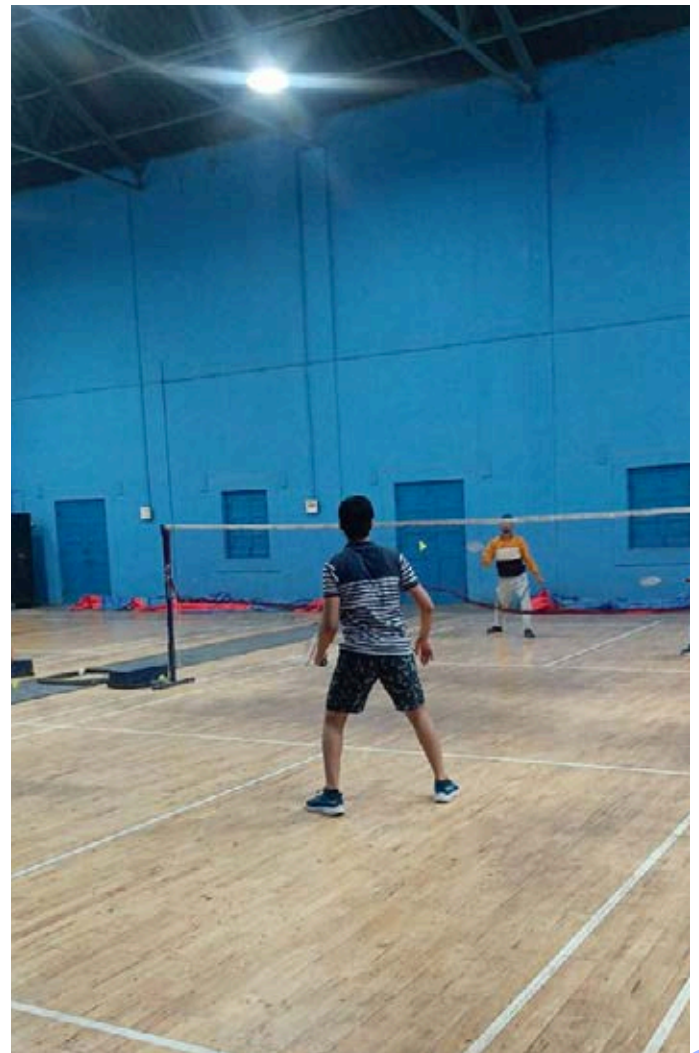








# Sports @ GSV





# Events @ GSV (1/2)





# Events @ GSV (2/2)



# Epitome @ GSV (1/3)

## Technology and Management Festival



**Gati Shakti Vishwavidyalaya**  
(A Central University under the Ministry of Railways, Govt of India)  
Lalbaug, Vadodara 390 004, Gujarat

**EPITOME'25**  
THE ANNUAL TECH-FEST

Theme  
**TRANSPORT 360:  
LAND, AIR, WATER AND BEYOND**

**22-23 March 2025**



# Epitome @ GSV (2/3)

## Technology and Management Festival





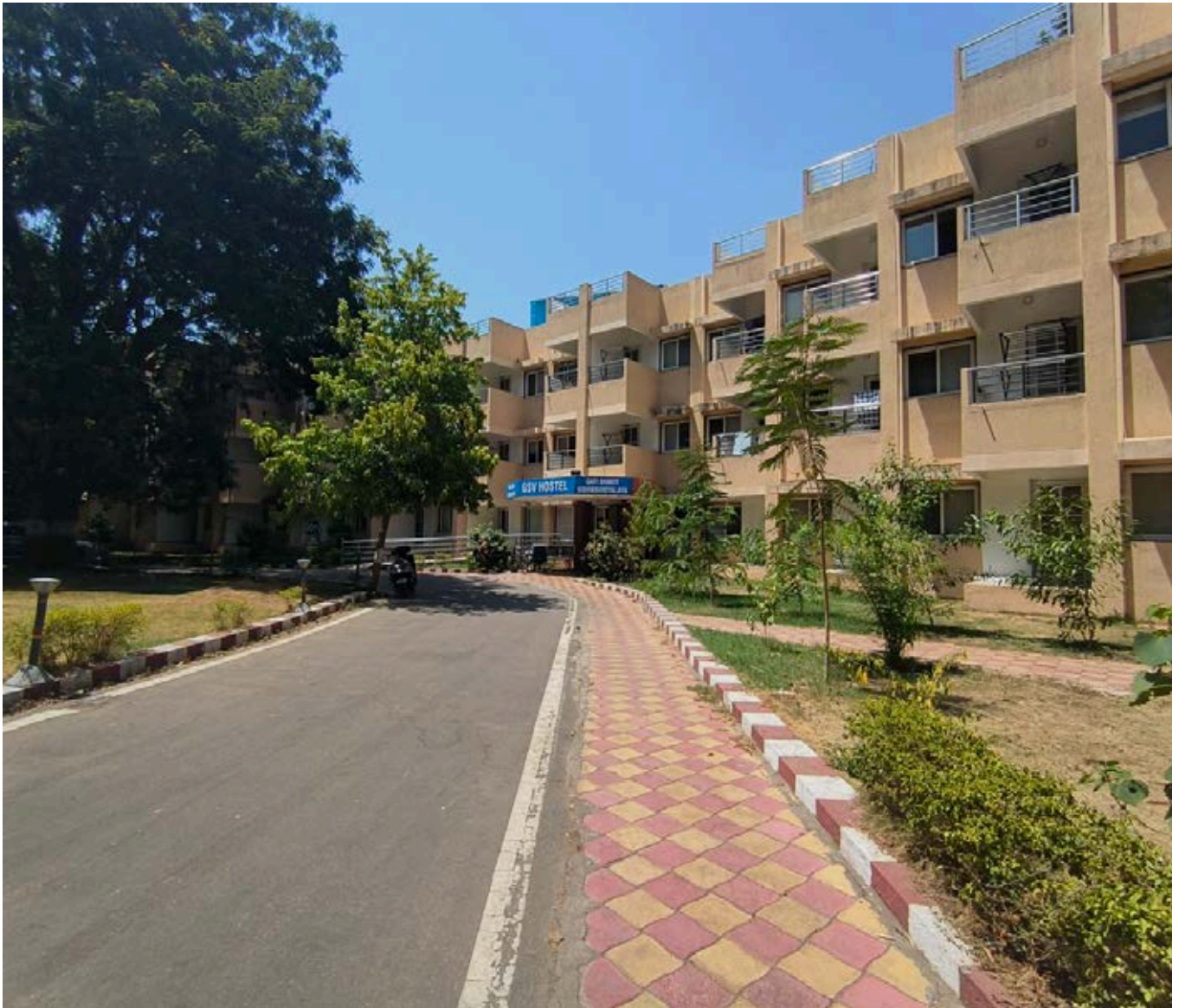
# Epitome @ GSV (3/3)





# Hostel and Mess Facilities

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# Sustainable Initiatives @ GSV





# R&D and Consultancy Projects

Gati Shakti Vishwavidyalaya is actively engaged in cutting-edge fundamental as well as translational research and consultancy projects. Some of the significant projects are listed below:

**1. Plasto-Fuel:** Solar pre-heated thermochemical conversion of municipal mixed plastic waste to high quality plasto-fuels for transportation and industrial heating applications.

- Funding amount: 2.62 Crore INR (DST)
- Principal Investigator: Dr. V Chintala

**2. Disaster Resilient Surface Transportation Infrastructure:** A systems approach to managing the impact of climate change.

- Funding amount: 14.1 Lakhs INR (British Council, United Kingdom)
- Principal Investigator: Dr. V Chintala

**3. Univalent Function Theory:** A study on the problems and conjectures.

- Funding Amount: 20.18 Lakhs INR (Science and Engineering Research Board)
- Principal Investigator: Dr. Navneet Lal Sharma

#### 4. Consultancy Projects

- Study and submission of Traffic Management Plan-Near Vadodara City & Central ST Bus Stand with L & T. Project: C5 Package- Design and construction 8.239 km long viaduct including 1 station for MAHSR project. (Dr. Hari K Gaddam)
- Traffic Study and its alternative routes on existing 5 flyovers (Viswamitri, Akota, Jetalpur, Pandya and Chhani Flyover), RUBs for our LG works ( LTC/HCI/MAHSR/Pkg-C5/CL/2023/1094) which is a part of Vadodara high speed rail project and adjoining viaduct construction. (Dr. Hari K Gaddam)

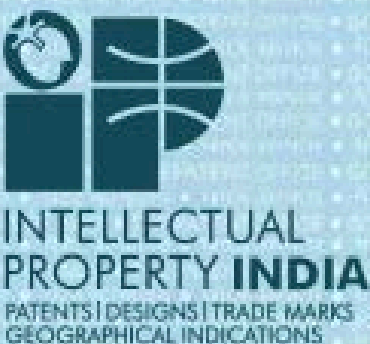




# Patents Granted

There are 10 patents already granted, and several are in the pipeline. We envision that in the next few years, we will have a steady growth in our patent portfolio. The patents granted include:

S.No	Patent Title	Patent No.	Agency/Country
1	A twin cycle engine	447611	Indian Patent
2	A Catalyst for pyrolysis of mixed plastic waste and method of pyrolysis thereof	346952	Indian Patent
3	A Solar Assisted Pyrolysis Cavity Reactor	372850	Indian Patent
4	Fuel vaporizer (Design Patent)	353787-001	Indian Patent
5	A mixed municipal waste segregation system	436823	Indian Patent
6	Method of obtaining plasto-petrol from municipal landfill mixed plastic waste	202321090291 A	Indian Patent Application
7	Wood-Based 3D Printed Mobile Phone Cover	420266-001	Indian Patent
8	3D Printed Thermoelectric Peltier-Based Portable Cooling Unit	431642-001	Indian Patent
9	A Composition and Method of Preparing Paver Block	202421091436 A	Indian Patent Application
10	Automated Deep Learning Optimization	202111013437	Indian Patent



क्रमांक : 011136883  
SL No :



भारत सरकार  
GOVERNMENT OF INDIA  
पेटेंट कार्यालय  
THE PATENT OFFICE  
पेटेंट प्रमाणपत्र  
PATENT CERTIFICATE  
(Rule 74 Of The Patents Rules)

# Incubation and Entrepreneurship Cell

The innovation ecosystem at the university is intended to bring together multiple stakeholders from students, faculty and industries leading to new startups. GSV set up the Incubation and Entrepreneurship Cell on the occasion of the Engineer's Day, 15th September 2023. The journey of innovation and entrepreneurship is envisioned in a holistic manner involving curriculum design to industry partnerships, with multiple entry and realization scenarios.

**01.**

Inaugurated on Engineers Day 2023, GSV received substantial support from industry experts and leaders.

**02.**

To implement startup and entrepreneurship policy for students and faculties.

**03.**

Shall co-work with industries, universities and government to cultivate a culture of knowledge and innovation.

**04.**

To incubate the external startups in the transportation and multimodal logistics sector.





# Graduated Batches 2024

**B. Tech.  
(ECE)**



**B. Tech.  
(CE)**



**B. Sc.**





# Graduated Batches 2024

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# 2nd Convocation

The second convocation of GSV was held on 30th November 2024 to issue degrees of 239 students of 2024 graduating batches out of which 199 students received their degrees in person.







## Contact Us



+91-93139 210 40  
+91-26526 483 05



[admissions@gsv.ac.in](mailto:admissions@gsv.ac.in)



<https://gsv.ac.in/>



Lalbag, Vadodara – 390004,  
Gujarat, India



**GATI SHAKTI VISHWAVIDYALAYA**

Lalbag, Vadodara – 390 004, Gujarat, India