ADMISSION BROCHURE

2024-25

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

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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

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

Mission

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

To make 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,
Minister of Railways, Communications,
Electronics and Information Technology,
Government of India

Vice Chancellor

Prof. Manoj Choudhary
Vice Chancellor
Gati Shakti Vishwavidyalaya

Executive Council

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

Prof. Rishikesh Krishnan
Director, IIM Bangalore

Prof. Rajat Moona
Director, IIT Gandhinagar

Mr. Remi Maillard
President & Managing Director, Airbus
India & South Asia

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

Ms. Geeta Gurnani
Chief Technology Officer & Technical Sales Leader
(for India and 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

Mr. TV Ananthasubramanian
Registrar 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 (LTTS)

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

Mr. David Krick
Global Director and Vice
President, Jacobs

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
GSV Vaododara

Dr. Venkateswarlu Chintala
Associate Professor
GSV Vadodara

Dr. Jyoti Sharma
Assistant Professor
GSV Vadodara

Mr. T V Ananthasubramanian
Registrar GSV,
Ex-officio - Secretary

Dr. Ram Krishna Upadhyay
Assistant Professor
GSV Vadodara

Administration

Prof. Manoj Choudhary
Vice Chancellor, GSV

Mr. TV Ananthasubramanian
Registrar

Prof. Jitesh Thakkar
Dean – Academics

Dr. R. Edwin Raj
Dean – Students' Welfare

Mr. Gautam Jain
Chief Finance & Accounts
Officer

Mr. HublalJagan
Dy Comptroller HR

Ms. Sweta Jain
Deputy Finance Officer

Mr. Krishan Kumar
Deputy 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 sectors. 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 focus 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:

- 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 Professionals):

- M.Tech. (Intelligent Transport System)
- M.Tech. (Railway Engineering)

Programs Offered

Management Stream:

MBA (Regular) :

- MBA (Logistics and Supply Chain Management)
- MBA (Ports and Shipping Logistics)-
Joint Degree Program with Indian
Maritime University

MBA (Exclusively for Working Professionals) :

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

Ph.D Programs (Exclusively for Working Professionals) :

- Ph.D in Engineering

- Ph.D in 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, 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 equipment 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 use cases deployed in transportation domain.
- Elective courses imparting Industry relevant skills, supplemented by internships.
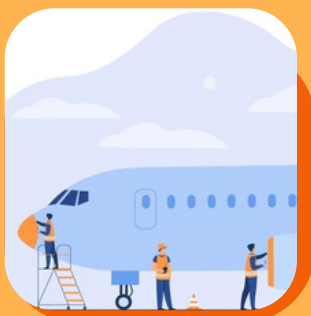- IT infrastructure enabling curriculum outcomes.

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

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

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 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.

MBA (Logistics and Supply Chain Management)

MBA (Ports and Shipping Logistics) -
Joint Degree Program with Indian Maritime University

- 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.

- 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 the need of Metro Rail by combining 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.

Ph.D

(Specialization: Engineering / Management)

The Ph.D program in Engineering / Management for Working 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 Qualification Exam	Last Date to Apply online
B.Tech.	Admissions to the Bachelor of Technology (B.Tech) Programme are through JOSAA /CSAB (Joint Seat Allocation Authority/Central Seat Allocation Board). For details visit JOSAA/CSAB websites- https://josaa.nic.in/ or https://csab.nic.in/ Entrance Test : JEE (Main) 2024	**As per JOSAA calendar.** **Visit JOSAA/CSAB Websites** **https://josaa.nic.in /** **https://csab.nic.in** **for details.**
Selection Process	Admissions to the B.Tech. programs will be through JOSAA/CSAB on the basis of 2024 JEE (Main) scores.	

Program	Eligibility and Qualification Exam	Last Date to Apply Online
M.Tech. (Exclusively for Working Professionals)	(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). (ii) Candidates admitted in this category shall be a full-time employee with minimum two years of work experience and sponsored by Industry, R&D organisations, Laboratories, Government. / Private Institutions, NGOs, Banking Institutions, or other Academic Institutions. (iii) Reservation as per the Govt. of India norms.	**June 15, 2024 (Saturday)**
Selection Process	- The selection process will involve two stages i.e. (1) GSV Entrance Test and (2) Personal Interview. - The initial screening will be done based on the Entrance Test. The candidates shortlisted based on Entrance Test will be called for Personal Interview. - The merit list will be prepared based on the composite scores of Entrance Test (50% weightage) and Personal Interview (50% weightage).	

Admission Procedure

- **Academic Programs and Eligibility Criteria**

Management stream

Program	Eligibility and Qualification Exam	Last Date to Apply online
MBA (Regular)	(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) CUET-PG (2024)/CAT/MAT/XAT	**May 25, 2024 (Wednesday)**
Selection Process	- Initial screening will be done on the basis of valid scores of the Entrance Test i.e. CUET PG (2024) or CAT -2023 or XAT-2024 or MAT-2024. - The shortlisted candidates will be required to appear for personal interviews in online mode. - Admissions will be offered based on the composite scores of Entrance Test, Personal Interview, Past Academic Performance, and Work Experience as indicated below :- - Entrance Test (CUET-PG/CAT/MAT/XAT) 50%, Personal Interview (20%), Work Experience (10%), 12th Standard (10%), and 10th Standard (10%). - Work Experience: More than 36 months (100%), between 12 and 36 months, then $4 \times$ (No. of months -11) %, and no marks for less than 12 months.	

Admission Procedure

- ## Academic Programs and Eligibility Criteria

Management stream

Program	Eligibility and Qualification Exam	Last Date to Apply Online
MBA (Exclusively for Working Professionals)	(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) Candidates admitted in this category shall be a full-time employee with minimum two years of work experience and sponsored by Industry, R&D organisations, Laboratories, Government / Private Institutions, NGOs, Banking Institutions, and other Academic Institutions. (ii) Reservation as per the Govt. of India norms.	**June 15, 2024 (Saturday)**
Selection Process	• The selection process will involve two stages i.e. (1) GSV Entrance Test and (2) Personal Interview. • The initial screening will be done based on the Entrance Test. The candidates shortlisted based on Entrance Test will be called for Personal Interview. • The merit list will be prepared based on the composite scores of Entrance Test (50% weightage) and Personal Interview (50% weightage).	

Admission Procedure

- ## Academic Programs and Eligibility Criteria

Ph.D in Engineering (Exclusively for Working Professionals)

Program	Eligibility and Qualification Exam	Last Date to Apply Online
Ph.D in Engineering	(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 CumulativePerformance Index (CPI) or Cumulative Grade Point Average (CGPA). Such students arerequired 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). (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 8/10 CPI or CGPA.	**June 15, 2024 (Saturday)**
Selection Process	- The selection process involves two stages i.e. GSV Written Test and Viva-voce. The candidates with valid fellowship/scholarship in UGC-NET/UGC-CSIR NET/GATE/CEED need not appear in the GSV Entrance Test. - The initial screening will be done based on the Written Test and the candidates scoring minimum 50% marks in the Written Test will be shortlisted for Viva-voce. - The merit list will be prepared based on the composite scores of the Written Test (50% weightage) and Viva-voce (50% weightage).	

Admission Procedure

- **Academic Programs and Eligibility Criteria**

Ph.D in Management (Exclusively for Working Professionals)

Program	Eligibility and Qualification Exam	Last Date to Apply online
Ph.D in Management	(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). (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 8/10 CPI or CGPA.	**June 15, 2024 (Saturday)**
Selection Process	- The selection process involves two stages i.e. GSV Written Test and Viva-voce. The candidates with valid fellowship/scholarship in UGC-NET/UGC-CSIR NET/GATE/CEED need not appear in the GSV Entrance Test. - 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. - The merit list will be prepared based on the composite scores of the Written Test (50% weightage) and Viva-voce (50% weightage).	

• Financial Aid

- Financial aid (merit-cum-means) possibility up to 100% of tuition and 50% of hostel fee - only for the eligible regular students.

• 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

Log in to the official website to apply (https://gsv.ac.in)

• Application Fee

- Rs 500/- for Unreserved Category
- Rs 250/- for Reserved Category

• Withdrawal Procedure

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

• Fee Details for Academic Year 2024-25

Sr. No.	Programs	Annual Tuition Fees	Annual Hostel Charges
1.	B.Tech.	1,53,100	39,600
2.	M.Tech. (Exclusively for Working Professionals)	80,000	N.A.
3.	MBA (Regular)	2,14,300	N.A.
4.	MBA (Exclusively for Working Professionals)	2,50,000	N.A.
5.	Ph.D (Exclusively for Working Professionals)	40,000	N.A.

- *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.*

- *Power charge: fixed amount*

- *Tuition Fee, Hostel Fee and Mess charges are payable in two installments (semester-wise),*
- *Details of other fee* such as Caution Deposit (Refundable), Admission Fee (One-Time), Registration Fee, Campus Facilities Charges, Electricity charges, Student Benevolent Fund as applicable for various courses, 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. Chandi Prasad Nanda
Professor
PhD (JNU)

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

Dr. Pradeep
Assistant Professor
PhD (IIT Hyderabad)

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

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

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 (Motilal Nehru National
Institute of Technology Allahabad)

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

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

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

Dr. Sumit Kumar
Assistant Professor
PhD (IIT Dhanbad)

Dr. Praveen Chandradhas
Assistant Professor
PhD (Homi Bhabha National
Institute, Mumbai)

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

Dr. Dinesh Gundavaram
Assistant Professor
PhD (Patna)

Dr. Vipul Kumar Mishra
Assistant Professor
PhD (Indore)

Dr. Asha Sharma
Assistant Professor
PhD (IIT Kanpur)

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

Dr. Shweta Saharan
Assistant Professor
PhD (MNIT Jaipur)

Dr. Pramila Jakhar
Assistant Professor
PhD (IIT Indore)

Distinguished Visiting Professors

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

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

Dr. Prabudha Gaungali
Chief Executive Officer
Vision IPR

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

Eminent Visiting Professor

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

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. O.P. Agarawal	Senior Advisor	WRI India
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. 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. Jaideep Gupta	Dean, IRIEEN	Indian Railways
Mr. Narayan Parvatikar	Retired Signaling Engineer	Indian Railways
Mr. Sudheer Kumar Sabbani	Railway Signalling Engineer	Cyient Ltd.
Dr. Hemant Kagra	Senior Professor, NAIR	Indian Railways
Mr. Vishal J Nath	Senior Professor, NAIR	Indian Railways
Mr. Vijay Malviya	Professor, NAIR	Indian Railways
Mr. T. Ramesh Babu	Professor, NAIR	Indian Railways
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. Amit Rathi	Assistant Professor	IIT Jodhpur
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	Associate Professor	GNLU Gandhinagar
Dr. Akhilesh Barve	Associate 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

Major Recruiters & Collaborators

Mahindra LOGISTICS

NIPPON KOEI

DHL

Chetak Logistics Limited

ASCELA

TMILL GROUP OF COMPANIES

Hitachi Vantara

cogoport

OM LOGISTICS LTD.
Making Business Simple

Cargomen
LOGISTICS (INDIA) PVT. LTD.

PGP GLASS

Transworld Logistics

legrand

DTDC Delivering Value

Excelsource
International Private Limi
Technology :: Innovation :: EPC

AF

adani
Ports and Logistics

IndiaOne Air
New Wings of Bharat

Drewry

Clubs @ GSV

Event Managment Club

TechnoCrats

Business Club

Malhaar -The Music Club

Nrtiya - Dance Club

Literary Club

Media and Tech

Debate and Quiz Club

Partnership & Collaborations

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

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
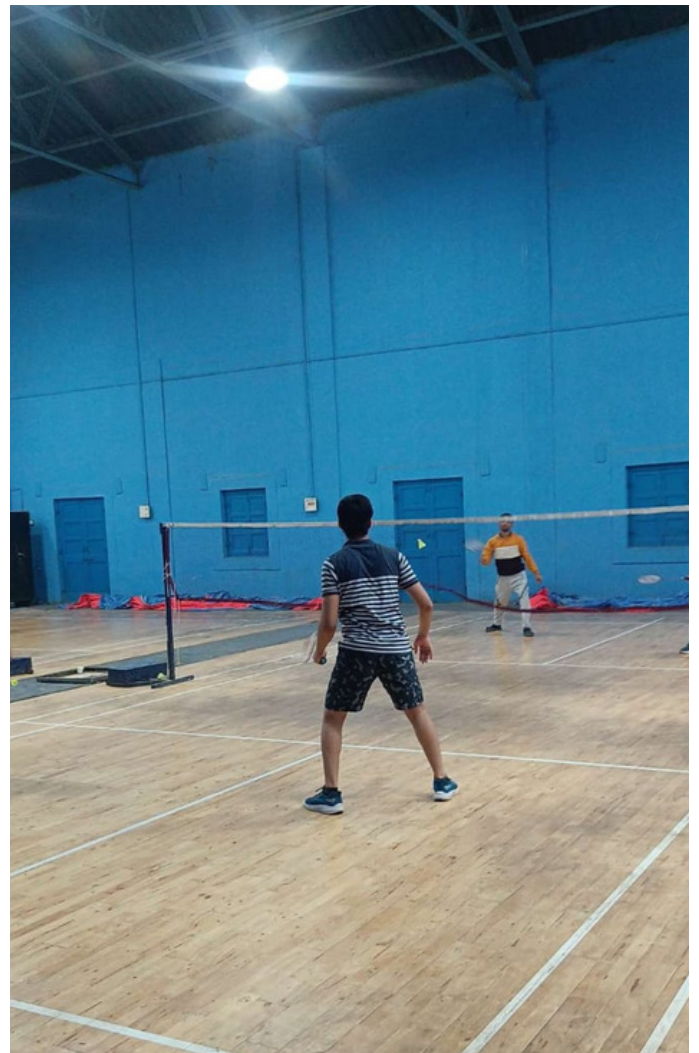
GSV's Vibrant Presence

Life @ GSV (1/2)

Life @ GSV (2/2)

Gati Shakti
Vishwavidyalaya

Your paragraph text

Sports @ GSV

Events @ GSV (1/2)

Events @ GSV (2/2)

Technology and Management Festival

Gati Shakti Vishwavidyalaya

(A Central University under the Ministry of Railways, Government of India)
Lalbaug, Vadodara - 390 004, Gujarat, India

INVITES YOU TO

EPITOME '24
THE ANNUAL TECH-FEST

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THEME

Advances in Transportation & Logistics Technology

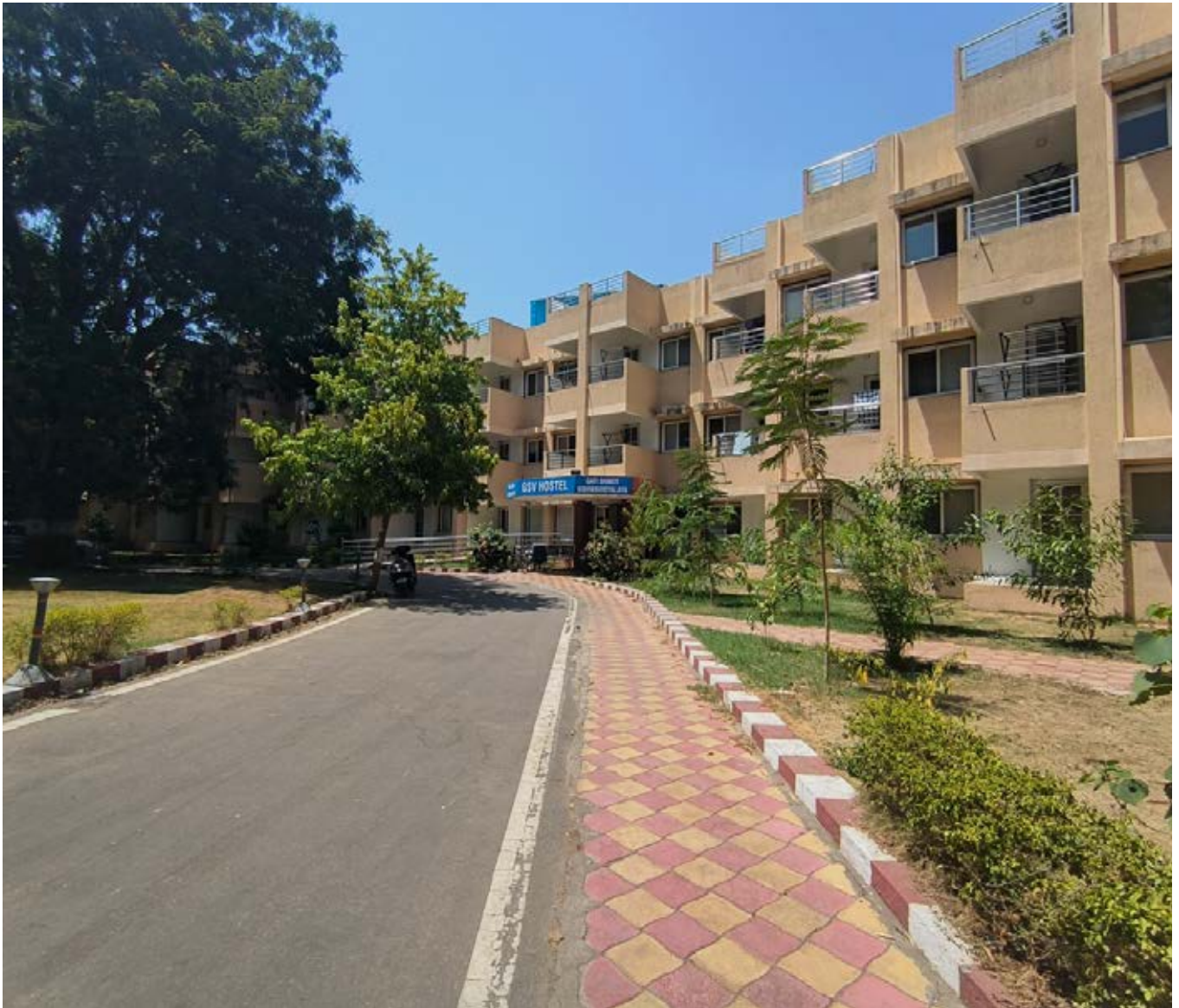2 - 3 March 2024

Epitome @ GSV (2/3)

Technology and Management Festival

Epitome @ GSV (3/3)

Hostel and Mess Facilities

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 5 patents already granted to Dr. V Chintala GSV faculty, 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:

01
A twin cycle engine

02
A Catalyst for pyrolysis of mixed plastic waste and method of pyrolysis thereof

03
A Solar Assisted Pyrolysis Cavity Reactor

04
Fuel vaporizer (Design Patent)

A mixed municipal waste segregation system

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 2023

1st Convocation

The first convocation of GSV was held on 6th December 2023 to issue degrees of 380 students of 2022 and 2023 graduating batches out of which 241 students received their degrees in person.

Contact Us

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Gujarat, India

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