

गति शक्ति विश्वविद्यालय
GATI SHAKTI VISHWAVIDYALAYA

(A CENTRAL UNIVERSITY UNDER THE MINISTRY OF RAILWAYS, GOVT. OF INDIA)

**ANNUAL REPORT AND ANNUAL ACCOUNTS
2022-23**



“PAPERS TO BE LAID ON THE TABLE OF LOK SABHA & RAJYA SABHA”

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GATI SHAKTI VISHWAVIDYALAYA

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

Lalbaug, Vadodara

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ANNUAL REPORT AND ANNUAL ACCOUNTS 2022-23

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HON'BLE VISITOR OF THE UNIVERSITY



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

FROM THE CHANCELLOR'S DESK



Shri Ashwini Vaishnaw
Chancellor, Gati Shakti Vishwavidyalaya
&
Hon'ble Minister of Railways, Communications
& Electronics & Information Technology,
Govt. of India

Gati Shakti Vishwavidyalaya will produce a talented, highly skilled, and dedicated cadre that will contribute to the development of India's transport sector and highlights government's effort to enlarge PM Gati Shakti National Master Plan. The University's scope and vision, in the true sense of National Education Policy, will cover the entire transport sector including railways, airways, roadways, marine sector etc. Moreover, the University seeks to develop skills and enhance technical knowledge, and forte in transport economics and infrastructure finance.

The University's curriculum will imbibe inputs from industry and stakeholders, and develop employment-oriented programs.

FROM THE VICE CHANCELLOR'S DESK



Prof. (Dr.) Manoj Choudhary
Vice Chancellor, Gati Shakti Vishwavidyalaya

Gati Shakti Vishwavidyalaya (GSV) Vadodara, under the Ministry of Railways, has been established as a Central University through an Act of Parliament in 2022, for creating best in class manpower and talent for the entire transportation and logistics sectors. This Central University is mandated to work across railways, shipping, ports, highways, roads, waterways, and aviation etc.

Following a demand-driven curriculum and leveraging state of the art infrastructure of all the Centralized Training Institutes of Indian Railways, GSV shall create a resource pool of professionals across technology, economics, management and policy comprising multi-disciplinary teaching (Bachelors/Masters/Doctoral), executive training and research. GSV shall also undertake trainings for Indian Railways probationers and serving officers.

Being an Industry-driven and Innovation-led University, GSV has very strong focus on collaborations with leading institutions and industries across the world. Building synergies with Industries, it will both reorient its curriculum to be academically rigorous as well as relevant, and shall create a platform for promoting entrepreneurship.

VISION

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"

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

VALUES

GSV will uphold the values of academic excellence, nation building, compassion and environmental responsibility.

- Commitment to innovation and academic excellence: Challenge the status quo through innovation, curiosity and critical thinking to provide indigenous solutions for Indian problems.
- Compassion towards all individuals and society: Uphold a sense of fairness and equity for all members of society, leading by example and helping others succeed; be committed to self-discovery and purpose.
- Responsibility towards the environment: Be open to ideas and have empathy towards the environment and the planet, implementing ideas with environmental sustainability in mind.

About the University

Gati Shakti Vishwavidyalaya (GSV), India's first University in Transportation and Logistics sector, was established through the Central Universities (Amendment) Act 2022, passed by the Parliament in August 2022. The University is sponsored by the Ministry of Railways, Govt. of India.

The University stands by its unique value proposition to offer logistics and transportation-focused applied education, training, skilling and research through experiential learning, multi-disciplinary research, and academia-industry interface. The University follows a demand-driven curriculum, while aligning with industry priorities.

GSV intends to lead the teaching, training and research in the logistics sector with a vision – “Innovation-led, Industry-driven University for creating, assimilating and imparting excellence of knowledge and actions accelerating development in the transport and logistics sectors”.

GSV offers the following undergraduate and postgraduate academic programs:

- B.Tech. in Mechanical Engineering (Specialisation in Rail Engineering)
- B.Tech. in Civil Engineering (Specialisation in Rail Engineering)
- B.Tech. in Electronics & Communication Engineering (Specialisation in Rail Engineering)
- B.Sc. in Transportation Technology
- BBA in Transportation Management
- MBA in Logistics and Supply Chain Management
- MBA in Transport Economics and Management

Special Features of the University

GSV is undertaking various initiatives in research and training to enable Nation's aspiration to reduce its logistics cost from present 14% to 8-9%. Transportation sector is a growth engine for India which contributes roughly 6.3% of GDP of India. The University offers a demand driven curriculum including technology, infrastructure and management dimensions to strengthen the eco-system of multi-modal transportation and logistics in the country. India has shown a significant improvement in Logistics Performance Index and Ease of Doing Business during last one decade. This is attributed to competitive government policies and focus on Make in India program. PM Gati Shakti Master Plan with its unique projects such as Bharatmala, Sagarmala, Parvatmala, Dedicated Freight Corridor and others and intends to leverage the competitiveness of logistics sector in India.

GSV offers multi-disciplinary programs, both at Undergraduate (UG) and Postgraduate (PG) levels, designed to cater to the needs of India's logistics and transportation sector. The programs, at GSV, critically focus on the technology, management and policy dimensions to address the emerging challenges and growth opportunities in the transportation and logistics sector. A demand-driven curriculum offered by GSV which is well aligned with industry priorities attracts the potential employers (both public and private) to recruit candidates with unique roles and responsibilities in transport and supply chain design, planning, and execution.

GSV offers the programs at UG and PG level in both technology and management to cater the emerging employment opportunities in the areas such as warehousing, land transportation, rail logistics, cold chain solutions, courier and express industry, e-commerce, port terminals, container freight, terminal management, freight forwarding and customs, supply chain analytics, and solutions.

The students at GSV are equipped with adequate skills and competencies to contribute in the roles such as Logistics/SCM Manager, Procurement Manager, Customer Relationship Manager, Supply Chain System Developer, Warehouse Manager, Freight Forwarding-Logistics Coordinator, Logistics & Transport System Analyst, and E-commerce Business Developer. The graduates acquire the competencies to contribute at policy, planning, and design stages of transportation and logistics systems.

The students received internship and placement opportunities at leading organizations both in corporate and public sectors such as SIEMENS, DTDC, UltraTech, Ambuja Cement, Cadila Pharmaceuticals, NHSRCL, RITES, Airport Authority of India, ALSTOM, RailTel, Adani Logistics, Dalmia Cement, DHL, Hitachi, Mahindra Logistics etc.

GSV curriculum 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.

The curriculum imparts critical knowledge with a focus on project based learning in the technology domains such as infrastructure, communication & IT, power systems, and management and policy domains such as project financing, data analytics and optimization, Intelligent transportation system, supply chain and logistics, transportation safety, dynamic pricing, logistics & warehousing systems, designing multi-modal transportation models, sustainable and inclusive transportation, and traffic management & control.

Indian Railways serve as an experiential learning laboratory for the student community as well as the faculty development initiatives, thereby creating a distinct character for the University: through a highly experiential and application-based learning approach.

GSV imparts competencies desired for the gainful employment by undertaking research and training in the technological advancements in transportation sector such as M2M Communications in Transport, Electric Trucks, Intelligent Public Transportation, Self-Driving Automobiles, and High-Speed Rail Networks.

Organization Structure

The statutory bodies of the University have been constituted under the Act and Statutes, which govern and guide the administrative functioning of the University. The statutory bodies of the University are the Court, Executive Council (EC), Academic Council (AC) and Finance Committee (FC).

Compositions of the authorities :

1. Court: The constitution of the Court is under process.

2. Executive Council (EC) : The Executive Council is the principal executive body of the University. The 1st Executive Council of GSV has 11 members, and is chaired by the Vice Chancellor.

Contitution of the EC



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



Mr. Sudhanshu Pant
Secretary, Ministry of Ports,
Shipping and Waterways,
Govt. of India



Ms. Anjali Goel
Member- Finance, Railway
Board, Ministry of Railways,
Govt. of India



**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 Executing Officer,
Siemens Ltd., India



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



Mr. Pradeep Gaur
Chairman & Managing
Director, Rail Vikas



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



Prof. Jitesh J. Thakkar
Dean - Academics, GSV



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

3. Academic Council (AC) : The Academic Council is the principal academic body of the University to coordinate and exercise general supervision over the academic policies of the University. Constitution of the Academic Council is under process.

4. Finance Committee (FC) : The Finance Committee is responsible for managing the finance and accounts of the University. The constitution of the Finance Committee with the nominees of the Visitor and Executive Council is under progress.

5. Board of Studies (BOS) : Subject to the overall control and supervision of the Academic Council, the functions of a Board of Studies shall be to approve subjects for research for various degrees and other requirements of research degrees and to recommend to the concerned School Board in the manner prescribed by the Ordinances; Courses of studies and appointment of examiners for courses, but excluding research degrees; Appointment of supervisors for research; and Measures for the improvement of the standard of teaching and research (Provided that the above functions of a Board of Studies shall, during the period of three years immediately after the commencement of this Act, be performed by the Department).

6. Other Committees: The University has constituted various other committees for smooth functioning and regulatory compliance. These committees are,

SI No.	Committee and the Constitution	Terms of Reference (ToR)
Internal Complaints Committee (ICC)		
1	<p>Ms. Sweta Jain, DFO (Chairperson) Dr. Abhilasha Saksena, Assistant Professor Dr. Jyoti Sharma, Assistant Professor Dr. Venkat Chintala, Associate Professor Mr. Krishan Kumar, Deputy Registrar</p> <p>Students' Reps - Rashmi Tomar - MBA Raj Nandini - Final year B Tech</p> <p>External member - Prof. (Retd.) Kalpana Pareek</p>	<p>This is the initial in-house body which must be approached for filing complaint relating to sexual harassment by the aggrieved women; set up with an objective to implement the policy relating to prevention of sexual harassment at the University and to resolve complaints of the aggrieved party and recommending suitable action to be taken by the competent authority.</p>
Gender Sensitization Committee		
2	<p>Dr. Abhilasha Saksena, Asst. Prof (Chairperson) Prof. R. Edwin Raj Dr. Jyoti Sharma, Asst Prof Mr. Krishan Kumar, Deputy Registrar Student Counselor</p> <p>Students' Reps - Shivani Soni - MBA- 2nd Year Aditya Madan Deshmukh - 3rd Yr B Tech</p>	<ul style="list-style-type: none"> ·To create positive values that support the different genders and their rights. ·To provide overall guidance to the staff and students in all activities of the Institution without any gender bias ·To generate awareness with regard to equality in law and the social system. ·To examine issues of concern of the staff/ students by collecting the required information. ·To give feedback to the staff/students concerned/ to find the solution to grievances in this regard, if any. ·Recommend problem resolutions to instill confidence among the students and staff; arranging workshops and talks on gender sensitization matters; provide counselling help to those are in need.

SI No.	Committee and the Constitution	Terms of Reference (ToR)
Anti-Ragging Committee (ARC)		
3	Dean (SW) (Chairperson) Hostel Warden (s) Police Inspector, Makarpura Police Station Media - Mr. Nilesh Dholakia, Indian Express NGO - Mr. Nishidh Desai, Vadodara Lions Club Dy. Registrar -Convener Parent Rep (2) Student Representatives – Charusmita Garg -Final Yr B Tech Anupam Barua – Final Yr., B.Sc. Chandni Maurya – MBA	To sensitize the students against acts of ragging and prevent any act/ attempt of ragging in the campus and to ensure compliance with the provisions of these regulations as well as the provisions of any law for the time being in force, concerning ragging; and also to monitor and oversee the performance of the Anti-Ragging Squad for prevention of ragging in the institution.
Anti-Ragging Squad (ARS)		
4	Hostel Wardens Deputy Wardens Arin Katiyar – Final Yr, B.Tech Vivek Yadav – 2nd Yr B Tech Adrija Bose – 2nd Yr B Tech Devesh Tripathi – 2nd BBA	To maintain vigil, oversee and do patrolling to enforce alertness and to ensure that no act of ragging happens in campus. To make surprise visits in hostels, and other places vulnerable to incidents and conduct an on-the-spot enquiry into any incident and refer it to the Anti-Ragging Committee, for any intervention/ action.
SC/ST/OBC Standing Committee		
5	Vice Chancellor Dean (SW) Registrar Liaison Officer (Dr. Venkat Chintala) Shri Hublal Jagan (DC-HR) Dr. Pradeep Saroj, Asst. Prof. -Convener	To oversee implementation of the reservation policy for SCs/STs/OBCs in the University as per rules, both in admission and recruitments. To collect and examine data regarding the implementation of the policies in respect of admissions, appointments to teaching and non- teaching positions in the university and issue necessary advisories on adherence to the Reservation policy.

SC/ST/OBC Cell

6	Liaison Officer - (Dr. Venkat Chintala) Dean, Academics Dean, Students' Welfare Dr. Pradeep Saroj, Asst. Prof. Dr. Abhilasha Saksena, Asst. Prof. Shri Hublal Jagan - Convener	<p>Ensuring implementation of the reservation policy for SCs/STs/OBCs in the University.</p> <p>To collect data regarding the implementation of the policies in respect of admissions, appointments to teaching and non-teaching positions in the University, and analysis of the data showing the trends and changes towards fulfilling the required quota.</p> <p>To deal with representations received from Scheduled Caste/Scheduled Tribe and other backward class candidates regarding their admission, recruitment, promotion and other similar matters in University.</p> <p>To monitor the working of the remedial coaching scheme, if approved in the university. To function as a Grievances Redressal Cell for the Grievances of SC/ST/OBC students and employees of the university and render them necessary help in solving their academic as well as administrative problems. To maintain a register for employment of SCs/STs/OBCs in the University for the candidates belonging to SC/ST/OBC communities for various posts in the University.</p> <p>Any other work assigned from time to time to promote higher education among these communities suffering economic, social and education deprivations.</p> <p>The SC/ST/OBC Cell exclusively looks after the work related to SC/ST/OBC matters.</p>
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INFRASTRUCTURE

Currently, GSV is sharing the campus and infrastructure facilities with the National Academy of Indian Railways (NAIR) at Vadodara.

Construction of New Academic Block, Lab Buildings and Hostels

Vide letter dated 05.01.2023, the Min of Rlys (RB) directed RVNL to communicate with GSV and the Gati Shakti Dte/RB about the infrastructure work of GSV including preparation of a fresh Masterplan and its execution. GSV provided the detailed infrastructural requirements for the proposed construction in Lalbaug campus vide letter dated 6th April 2023. The additional infrastructure in the existing campus include the following:

Structure	Provisions made
Classrooms	24 Nos (4 nos of 140 Capacity); (20 nos of 72 Capacity)
Computer Lab	4 Nos of 40 Capacity each
Conference Room	104 Seater
Auditorium	524 Capacity
Cafeteria	100 inside hall (AC) & 315 in semi covered space (Non AC)
Parking Space	127 Nos of 4 Wheelers in Partial Basement 210 Nos of 2 Wheelers in Partial Basement
Additional	2 additional floors for future expansion with exterior walls & facade planned

Lab Block

Structure	Provisions made
Laboratories	60 Nos
Additional	2 additional floors for future expansion with exterior walls & facade planned

Hostel Block

Structure	Provisions made
Accommodation	629 Double Occupancy Rooms
Toilets	Shared Common Toilet/Bath Facilities
Mess	524 seater Mess
Indoor Sports	Ample space for indoor sports & reading room on GF & FF
Parking Space	150 Nos of 2 Wheelers in Basement
Additional Floors	Not accommodated due to height restrictions as per VMC

In addition, acquisition of ~109.3 Acres of land of which 77.5 Acres is Govt. land (rest private) for additional campus is being processed.

Conceptual Drawings of the new buildings

New Academic Block



Hostel Block



Lab Block



LAB INFRASTRUCTURE AND EXPERIMENTAL FACILITIES



Fig. New labs developed at Labs block-2



Fig. Geology Lab





Fig. Fluid Mechanics Lab



Fig. Engineering Chemistry Lab



Fig. Simulation Lab



Fig. Building Materials Lab



Fig. Strength of Materials Lab



Fig. Electronics Lab



Fig. Power Electronics Lab

Sponsored R&D Projects

SPONSORED PROJECTS AND R&D PROJECT ACTIVITIES

A)Title: Solar pre-heated thermochemical conversion of municipal mixed plastic waste to high quality plasto-fuels for transportation and industrial heating applications

Funding agency: Department of Science and Technology (DST), New Delhi

Funding amount: 2.62 Crore INR

Principal Investigator: Dr. V Chintala

Project Status: Ongoing

Summary of work done:

Thermo-Catalytic Depolymerization (TCD) plant of about 1.5 to 2 TPD plastic waste was installed at Vadodara Railway Station (BRC) Yard, Vadodara, Gujarat. The plant is flexible enough to convert all kinds of mixed plastic waste collected from municipal landfills, railway establishments including railway stations, residential communities, industries, and University campuses etc. Three products namely plasto-fuel (liquid product), plasto-gas (gaseous product), and plasto-char (solid product) are being produced from the plant. Successful trial runs were conducted with the Western Railway plastic waste (BRC) and Vadodara municipal corporation (VMC) plastic waste collected from Makarpura landfill site. The produced plasto-fuel was used in wide range of applications such as two-wheelers, agriculture engines/pump sets, electrical generator sets, Rail abrasive cutter, Agriculture pesticides sprayer machine, and other heating appliances (industrial burner), domestic air-pressure stove, domestic wick stove, etc. Employment of plasto-char for making Paver blocks, and other civil engineering applications is underway.



Fig. Thermo-Catalytic Depolymerization plant installed at Vadodara Railway Station and the produced products use in different applications

B)Title: Disaster Resilient Surface Transportation Infrastructure: A systems approach to managing the impact of climate change

Funding agency: British Council, United Kingdom (UK), Govt. of UK.

Funding amount: 14.1 Lakhs INR

Principal Investigator @ India: Dr. V Chintala

Status: Completed

Summary:

The project was aimed for creation of common frameworks of content, quality, delivery, and assessment at global standards on the topic of disaster resilient surface transportation. All the surface transportation modes including road and rail were covered under the project. Rail transportation infrastructure in the context of pre and post disaster aspects were addressed by the Indian partner.

C) Title: A study on the problems and conjectures in univalent function theory

Project Name: Core Research Grant (CRG)

Funding Agency: Science and Engineering Research Board (SERB), DST, Govt. of India

Principal Investigator (PI): Dr Navneet Lal Sharma

Funding Amount: Rs. 2018764/-

Status: Ongoing (From August 2022 to March 2025)

Summary: This proposal covers wide range of problems in univalent function theory (UFT). The problem of estimating sharp bound for logarithmic coefficients (LC) and successive coefficients are also an interesting problem for a function to be in the class of normalized analytic univalent functions (S). These coefficients play an important role for various estimates in the UFT. In this project, we will solve the open problems related to the logarithmic coefficients (LC) and the inverse logarithmic coefficients. Inspired by the LC, here we would give a new approach and will get Bohr inequalities for the logarithmic power series when is in the families of close-to convex and spiral-like functions. Another aim to discuss and derive Bohr-Rogosinski's radii for standard subclasses of S which has subordination relations. Hall's conjecture is not available for many subclasses of S. Motivated by this fact, we will obtain the analogue of Hall conjecture for some special classes of S. Our aims of this project to solve few open problems and identify new applications in different areas.

NEW INITIATIVES

New Academic Programs

The University is planning to introduce the following new undergraduate courses in engineering considering the demand and requirements of the industry from the academic year 2023-24.

1. B.Tech. in Artificial Intelligence and Data Science with specialisation in Transportation & Logistics
2. B.Tech in Electrical Engineering with specialization in Rail Engineering

These proposals are being moved to the Executive Council for the enabling approval.

Curriculum Revision and Upgradation

The university extensively reviewed and upgraded the curriculum of the B.Tech courses and added around 15% content related to the railways and transport related topics. Academic curriculum of each specialisation at B.Tech level includes **unique proposition through common courses as mentioned below:**

- Design Thinking
- Introduction to Multimodal Transportation Ecosystem

- Numerical Methods using MATLAB simulation
- Ethics in Engineering Practice
- Engineering Economics, Costing, Estimation, and Tendering
- Artificial Intelligence and Machine Learning
- Entrepreneurship and Innovation
- Logistics and Supply Chain Management
- Operations Research

Engagement of Eminent Visiting Faculty

The University has been engaging prominent visiting faculties preferably from IIT, IIMs and Industry to complement the regular faculties in teaching.

SI No.	Visiting Faculty	Designation	Affiliation
1	Dr. LS Ganesh	Ex-IIT Professor & Vice Chancellor, ICFAI	ICFAI Foundation for Higher Education
2	Dr. Mukul Chandorkar	Professor	IIT, Bombay
3	Dr. Bholu Ram Gujar	Professor	IIT, Roorkee
4	Dr. Kamal Kishor Sharma	Professor	IIM, Khozicode
5	Dr. Godwin Tennyson	Professor	IIM, Tiruchirappalli
6	Prof. Niladri Chatterjee	Professor	IIT, Delhi
7	Dr. Nilay Khare	Professor	NIT, Bhopal
8	Dr. S. K. Katiyar	Professor	MANIT, Bhopal
9	Dr. Has Mukh Gujar	Associate Professor	IIM, Indore
10	Dr. Babji Srinivasan	Associate Professor	IIT, Madras
11	Dr. Ravi Hegde	Associate Professor	IIT, Gandhinagar
12	Dr. Satish Duryodhan	CEO and Chief Mentor	IIM, Ahmedabad
13	Mr. O P Agarawal	CEO, World Resources	WRI
14	Dr. G Raghuram	Ex-Director, IIMB	Bangalore
15	Dr. Mukund Trikande	Scientist 'H', Associate Director at VRDE	DRDO

Establishment of Innovation and Incubation Cell

GSV plans to establish an Innovation and Incubation Cell to sphere-head the innovations by the students and to promote incubation cell activities in association with Industry.

Collaborations

GSV has collaborated and signed MOUs with Chetak Foundation, CSR arm of Chetak Logistics. Scope of the MOU includes offering scholarship to a girl student and providing internship/placement opportunities to the GSV students. Many other MoUs with the Academic Institutions and Industry partners are on the anvil.

Financial Aid/Scholarships

GSV Financial Aid

GSV offers Financial Aid to the needy and meritorious students under two income slabs i.e income upto Rs. 1.0 Lac; and income between 1.0 to 3.0 Lacs. The students, qualifying for financial aid under slab-I, are given the aid equal to 100% of the tuition fee and 50% of the hostel fee; and under slab-II, the students get 50% of the tuition fee and 25% of hostel fee. The hostel fee component of the financial aid is applicable to the undergraduate students only.

The University granted the financial aids to 102 students amounting Rs. 1,08,29,801/- during the academic year 2022-23 as per the details given below:

Sl No.	Program	Batch	No. of Students Granted FA
1	B.Tech	2020-24	17
2	B.Tech	2021-25	19
3	B.Tech	2022-26	18
4	BBA/BSc.	2020-23	10
5	BBA/BSc.	2021-24	18
6	BBA	2022-25	4
8	M.Sc.	2021-23	4
9	MBA	2022-24	12
Total No. of Students Granted FA			102

Institution of Scholarship (Sponsored by External Agencies)

In addition to the existing Financial Aid provided by GSV upto 20% of the admitted students, the University has also initiated a scheme for private scholarships to benefit the students. One such scholarship, “**Chetak Jai Krishna Girls Scholarship**” for one female student has been started with the financial support from Chetak Foundation, New Delhi which is the Corporate Social Responsibility (CSR) Arm of the Chetak Group.

GSV, currently, has the following 12 full-time (regular) faculties.








Faculty Research & Publications

Dr. C. P Nanda	
Publications	<p>(1). Vernacularization Paste: Odisha: Mahabharata to 'Modernity', (co-authored with Prithish Acharya and Shri Krishan), Primus books, 2022.</p> <p>(2). Member Coordinator of the NAAG Peer team visited to assess a HEI in Chennai, 27-28 February 2023.</p>
Invited talk	<p>(1). Invited as Resource Person in a Refresher Course in history & Archaeology, organised by HRDC, Utkal university, on 24/01/2023.</p> <p>(2). Two-day National Seminar on "Tribal Freedom Movements in Pre-Independent India" on 25th & 26th March 2023, attended Meeting on the 27th March 2023.</p>

Prof. Jitesh Thakkar	
Publications	<p>(1). Gandhi, N., Kant, R., and Thakkar, J.J. (2022), "Sustainable performance assessment of rail freight transportation using triple bottom line approach: An application to Indian Railways", Transport Policy, Vol. 128, pp. 254–273.</p> <p>(2). Gandhi, N., Kant, R., and Thakkar, J.J. (2022), "A systematic scientometric review of sustainable rail freight transportation", Environmental Science and Pollution Research, Vol. 29, pp. 70746–70771.</p> <p>(3). Nadar, R., Jha, J.K., and Thakkar, J.J. (2022), "Ambulance Location under Temporal Variation in Demand using a Mixed Coded Memetic Algorithm", RAIRO - Operations Research, Vol. 56, pp. 2967–2997.</p>
Invited talk	<p>Multi-modal Logistics for Agri food supply chain, 13th March 2023, MANIT Bhopal</p> <p>Multi-modal Transportation: Design and Key issues, 8th March 2023, NIT Calicut</p> <p>Issues and Challenges in Freight Logistics in India, 2nd March 2023, NIT Calicut</p> <p>Multimodal Transportation Network Design, 8th January 2023, IIT Delhi</p>
GSV participation	<p>Dean (Academics)</p> <p>Chairman (Faculty Selection Committee)</p> <p>Chairman (Admission Committee)</p>
Dr. Sunil Kumar Sharma	
Publications	<p>Bhardawaj, S., Sharma, R. C., Sharma, S. K., Gopala Rao, L., & Vashist, A. (2023). Modelling of biomechanical human body model for seat to head transmissibility analysis. Noise & Vibration Worldwide, 54(2–3), 62–74. https://doi.org/10.1177/09574565231154243</p>
Dr. Ram Krishna Upadhyay	
Books	<p>Vikram Kumar, Avinash Kumar Agarwal, Ashutosh Jena, Ram Krishna Upadhyay, Advances in Engine Tribology. Energy, Environment, and Sustainability. Springer Nature, Singapore, (2022).</p>
Dr. Harikrishna Gaddam	
Publications	<p>Hari Krishna Gaddam & K. Ramachandra Rao (2022) Calibration and evaluation of higher order continuum model for non- lane based mixed traffic environment, Transportation Letters, DOI: 10.1080/19427867.2022. 2160559.IF: SCI. IF.2.821</p>
Invited Talks	<p>(1). Delivered guest lecture on "Assessing Pedestrian and Passenger Level of Service and Accessibility in Transportation Systems -Universal Design Concept and Case studies" in AICTE Sponsored ATAL FDP program Transportation System Management and Operations- under PM GatiShakti Scheme, dated 8/2/2023. Organized by Ghani Khan Choudhury Institute of Engineering and Technology, A centrally funded Technical Institute (CFTI), Under Ministry of Education, Govt. of India.</p> <p>(2). Delivered guest lecture on "Role of Fundamental Diagrams in Traffic Flow Analysis, Management and Operations" in AICTE Sponsored ATAL FDP Transportation System Management and Operations- under PM GatiShakti Scheme, dated 4/2/2023. Organized by Ghani Khan Choudhury Institute of Engineering and Technology, A centrally funded Technical Institute (CFTI), Under Ministry of Education, Govt. of India.</p>
Publications	<p>Faculty coordinator (MBA LSCM), Career Development Center member</p>
Projects	<p>Traffic Management study: study &. Submission of Traffic Management Plan-Near Vadodara City & Central ST Bus Stand. The components under consultancy work are Traffic volume study, Pedestrian movement study, and consultation advisory services on the better Traffic Management system to ease out the Traffic congestions during the construction activity from Feb 2023 to May 2023; Traffic Diversion Plan & alternate route for City & GSRTC Bus movements until completion of construction activity. Name of the Organization: L &T Construction Heavy Civil Infrastructure. Cost of consultancy work: Rs. 2, 041, 40/- (Rupees two lacs four thousand and one hundred forty only).</p>

Dr. Navneet Sharma	
Invited talk	(1). Talk Title: On Univalent Function Theory, Selcuk University Turkey, Oct 20-22, 2022 (2). Invited Talk: Logarithmic coefficients in certain families of univalent functions, Universiti Sains Malaysia (USM), Oct. 03, 2022 (3). Invited Talk: Area Integral Problem for A Certain Class of Univalent Analytic Functions, University Sains Malaysia (USM), Sept. 21, 2022
Projects	(1). Core Research Grant Project (CRG), SERB, DST Gov. of India. Cost: Rs. 20,18,764/-
Award / Recognition	(1). Awarded: SERB International Research Experience (SIRE) Fellow for year 2022–2023, SERB, DST Gov of India. Fellowship from Sept. 2023 to Feb 2023
Any other information	Judge the Debating Decathlon at GSV on April 15, 2023

Officers@GSV

 Mr. TV Ananthasubramanian Registrar	 Mr. Jawed Mazhar Chief Finance & Accounts Officer	 Mr. Krishan Kumar Deputy Registrar	 Mr. Hublal Jagan Dy Comptroller HR	 Ms. Sweta Jain Deputy Finance Officer
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Right to Information

There were a total of 22 RTI applications received during the calendar year 2022. All the RTI queries were replied/disposed of within the prescribed time frame.

Campus Placements

The University organized the campus placements for the students graduated in 2023. More than 70 companies including the Railway PSUs participated in the campus placement process. Of the total of 201 students (109 BBA/B.Sc. & 92 MBA/M.Sc.) graduated in 2023, 71.93% students, who opted for campus placement, were placed. A few students opted-out of placement process to pursue higher studies/entrepreneurships.

Faculty Recruitment

The University initiated the recruitment process for the faculty positions in January 2023 to augment the faculty strength. More than 1200 applications were received for different faculty positions in Engineering and Management disciplines. Initial screening of the applications was done based on the eligibility criteria by the Committees constituted for the same. Further screening was done based on Seminar/ Interaction round with the candidates. The final list of shortlisted candidates after the seminar/ interaction round, obtaining the referee comments will be called for personal interviews to be scheduled in the 4th quarter of 2023.

Institutional Events & Students' Activities during AY 2022-23

GSV organized various co-curricular/extra-curricular/sports/cultural events for the students during the year. A prominent event during the year was the TechFest called "EPITOME 2023" held during 25-26 March 2023.

EPITOME 2023

The first ever annual Tech-Fest of the University was based on the theme of Sustainable Transportation Technology. The Platinum Sponsor for the event was AIRBUS, the Gold Sponsor was IBM India Pvt. Ltd. and Silver Sponsor, UltraTech Cement Ltd. The two-day TechFest was organized to achieve the vision of PM's Gati Shakti National Master Plan and National Logistic Policy (NLP), which is to reduce the logistic cost in India from 14% of the GDP to less than 10% using sustainable technological means. There were various activities in which students participated i.e. Management conclave, Tech Quiz, E-Sports, Ideathon, Nirmaan Competition, Cyber Security Workshop, Hackathon, etc. Snapshot of the activities:

Name of the Event	Date of Event	No. of Participants	Guests/Speakers
Tech Fest, GSV	25 Mar, 2023 to 26 Mar, 2023	350	Smt. Ranjanben Bhatt (Hon'ble member of Parliament), Mr. Lourie Alder (Head of Customer Services, Airbus India & South Asia), Mr. Pankat Jain – IBM India, Mr. Bidyut Bihari, Mr. Ranjan Kumar Mahopatra, Mr. Milind Nirmal, Mr. Sachin JKS Haritash, Mr. Pankaj Jain, Mr. Ramanujan, Mr. Rajesh Mandan, Mr. Bhavesh Chawda, Mr. Jai Shankar Sharma, Mr. Vinit Jain



Sports Events

Energy Cup – Energy cup intercollege sport tournament was held at PDEU, Gandhinagar from 14th Feb, 2023 to 19th Feb, 2023. GSV students participated in this tournament and the following 03 students won medals

Student		Event	Medal
Kovid Chauhan, BBA		200 Mtrs Race	Silver Medal
Navdeep, B.Tech		200 Mtrs. Race	Bronze Medal
Lakshita Singh, BBA		Taekwondo	Silver Medal



Sports Fest 2023- AUJASYA

The annual sports fest, Aujasya was held during 10-19 March 23. The students competed in 4 banners, namely, Duranto Bulls, Rajdhani Eagles, Tejas Tigers, Shatabdi Stallions. Students participated in games events, Cricket, Volley ball, Basketball, Football, Kabbadi, Throw-ball, Handball, TT, Caroms and Badminton. The events were held in league format. The overall trophy was won by Shatabdi Stallions.

- Team events: Cricket, Football, Volley ball, Basketball, Handball and Kabaddi
- Individual events: Badminton, Table tennis, throw ball, Athletics, Short put, discus throw, Long jump, 5 km Marathon, 1500 m run, 800 m run, etc.



AUJASYA 2023 (Annual Sports Festival) - Snapshots



Co-Curricular Events

Hult Prize (Jan, Feb 2023): The Hult Prize challenges young people to solve the world's most pressing issues through social entrepreneurship. Every year, one team receives \$1M USD in funding to make their idea a reality. The competition provides lots of exposure and instills leadership qualities in young students.

This year's theme was "**Sustainability in Fashion Industry**". The event had various eminent industry leaders and entrepreneurs as speakers. 25 teams from GSV initially participated and the events were held in January and February 2023. After the 4th round, 1 team was selected for the Regional Summit at Mumbai.

Date of Event	Venue	No. of Participants	Guest/Speaker	Winners
07-Jan-23	Sabhagriha	100	Dr. Suthar	
21-Jan-23	Sabhagriha	100	Mr. Abhijit Swarnkar & Mr. Prashant	
28-Jan-23	Sabhagriha	10	Mr. Harsh Shah, Ms. Megana Doni & Mr. Bhavya Rana	
25-Feb-23	Sabhagriha	150	Mr. Piyush Agarwal, Mr. Timir Jaiswal & Mr. Rahul Bhagchandani	Urja team

Note: The winner team composed of Mr. Shakti Prasad Mahapatra, Mr. Prakhar Vikram, Mr. Amey Ojha and Ms. Supriya Narayan will participate in the next round at Mumbai.



Republic Day celebration – The University celebrated the Republic Day on 26/01/2023 with full vigour. The Hon’ble Vice Chancellor, unfurled the national flag in the morning followed by address to the students and staff. A poetry writing contest was also held on that day by the literary club of GSV and the details is given below.

Event	No. of Participants	Venue	Prize Winners
Republic Day Poetry writing contest	250	Sabhagruh	Krishnakant Tripathi - 1st Lakshya Bharadwaj - 2nd Anurag Tiwari - 3rd



The poetry writing contest was organised for the students to motivate their literary skills. 21 entries were received of which; 12 students entered in the final round. The recitation was made by the 12 students on the Republic Day. Mr Krishnakant Tripathi (MBA 1st Year) was adjudged the winner, Mr Lakshya Bharadwaj (BSc 3rd year) and Mr Anurag Tiwari (B Tech 2nd year) were respectively the first and second runners up.

Y20 India – The Youth20 (Y20) Engagement Group organised discussions and consultations on Pan-India, to consult the youth of the nation for ideas for a better tomorrow and draft an agenda for action. The PG Students in association with Student cell of GSV organised the Y20 India Talks on the theme, Climate change. Following are the details of the event:

Date of Event	Venue of Event	No. of Participants	Guest/Speaker
24-Feb-23	Sabhagriha, GSV	250	Mr. Prashant Mathur, Mr. Rajesh Mandan & Ms. Santosh Vani

Y20 India Talk (24.02.2023)

The Takshak Club in association with the Student Cell of GSV organised the Y20 India Talks – a panel discussion on climate change.



Prof Manoj Choudhary, Vice Chancellor, GSV inaugurated the event and delivered the presidential address. Mr. Rajesh Mandan, GM Schaeffler India, Ms. Santosh Vani S.V., Health Safety, and Environment Professional, Siemens and Mr. Prashant Mathur, HUB Manager Health Safety & Environment, Hitachi Energy, all from Vadodara shared their experiential organizational involvement and practices for sustainability and climate change. This was followed by a Q&A session. The event was impactful of the practices adopted by the various corporates to reduce the impact on climate change.



TEDxGSV Event

TEDx : TEDxGSV event is a local gathering where live TED-like talks and performances are shared with the community. It was organized by the students on the theme "Mind Over Matter". TEDx is a grassroots initiative, created in the spirit of TED's overall mission to research and discover "ideas worth spreading." TEDx envisions bringing the spirit of TED to local communities around the globe through TEDx events. TEDx events include live speakers and recorded TED Talks, and are organized independently under a free license granted by TED. There were games organised for the participants. Mr Sanjiv Garg, Secretary General, CILT India, Mr Abhishek Garg, Youtuber and Investor and Maj Gen Yashpal Singh Mor, Leadership Motivator, Shivraj Gaekwad and Tarun Naik were the prominent speakers.



Venue of the Event	No. of Participants	Guest/Speaker
Sabhagriha, GSV	250	Mr. Abhishek Kar, Gen. Yash Mor, Mr. Shivraj Gaikwad, Mr. Sanjeev Garg & Mr. Tarun Naik

Battle of Wits: This event provides an opportunity to the participants to refine their skills and get practical exposure. There were individual and team participation, they used their skills and intelligence to win the battle. Following are its details –

Event	Venue of the Event	Total Participant
Battle of Wits	Multipurpose Hall, GSV	150

FAREWELL TO 2023 BATCH -GLIMPSES



AUDIT REPORT

AND

STATEMENT OF ACCOUNTS

FOR THE YEAR ENDED

MARCH 31, 2023



भारतीय लेखापरीक्षा और लेखा विभाग
INDIAN AUDIT AND ACCOUNTS DEPARTMENT
महानिदेशक लेखापरीक्षा का कार्यालय
OFFICE OF THE DIRECTOR GENERAL OF AUDIT
उत्तर रेलवे, बड़ौदा हाउस, नई दिल्ली
NORTHERN RAILWAY, BARODA HOUSE,
NEW DELHI - 110001



No. GSV/Accounts/Audit Memo/NR/2023/

Dated: January 2024

The Chairman & CEO (Railway Board),
Ministry of Railways,
Rail Bhawan,
New Delhi.

16 JAN 2024

Sub:- Separate Audit Report on the accounts of Gati Shakti Vishwavidyalaya (GSV), Vadodara for the year 2022-23.

Sir,

I forward herewith a copy of the Certified Accounts of the Gati Shakti Vishwavidyalaya for the year ended 31st March 2023 (06-12-2022 to 31-03-2023) and Audit Report thereon.

Two copies of the documents as presented to the Parliament may kindly be sent to this office indicating the date on which these were laid before both the House of Parliament.

Encl: As above

Yours faithfully,

(Khalid Bin Jamal)
Director General of Audit

No. GSV/Accounts/Audit Memo/NR/2023/

Dated: January 2024

Copy forwarded for information and necessary action to :-

- ✓ 1. Vice Chancellor, Gati Shakti Vishwavidyalaya, Vadodara (Gujarat) alongwith a copy of the Audit Report for the financial year 2022-23.
2. Chief Finance Officer, Gati Shakti Vishwavidyalaya, Vadodara (Gujarat) alongwith a copy of the Audit Report for the financial year 2022-23.

(Khalid Bin Jamal)
Director General of Audit

Separate Audit Report of the Comptroller & Auditor General of India on Annual Accounts of 'Gati Shakti Viswavidyalaya for the financial year 2022-23 (06-12-2022 to 31-03-2023).

1. We have audited the attached Balance Sheet of Gati Shakti Vishwavidyalaya (GSV) as at 31st March 2023 and the Income and expenditure Account for the year ended on that date under section 19(2) of the Comptroller & Auditor General's (Duties, Powers & Conditions of Service) Act, 1971. These financial statements are the responsibility of the GSV management. Our responsibility is to express an opinion on these financial statements based on our audit.
2. This Separate Audit Report (SAR) contains the comments of the Comptroller & Auditor General of India (CAG) on the accounting treatment only with regard to classification, conformity with the best accounting practices, accounting standards and disclosure norms, etc. Audit observations on financial statements with regard to compliance with the Law, Rules & Regulations (Propriety and Regularity) and efficiency-cum-performance aspects, etc. if any are reported through Inspection Report/CAG's Audit Reports separately.
3. We have conducted our audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance whether the financial statements are free from material misstatements. An audit includes examining, on a test basis, evidences supporting the amounts and disclosure in the financial statement. It also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.
4. Based on our audit, we report that:
 - (i) We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit;
 - (ii) The Balance Sheet and Income & Expenditure Account dealt with by this report has been drawn up in the format approved by Government of India, Ministry of Human Resources Development.
 - (iii) In our opinion, proper books of accounts and other relevant records have been maintained by the GSV as required, except as commented upon in the following paragraphs, so far as it appears from our examination of such books.
 - (iv) We further report that:

(A) Comments on Accounts:-

1. Balance Sheet

Investment- Others

Term Deposits with Bank (Note 4) - ₹ 31.74 crore

The Gati Shakti Vishwavidyalaya has shown Term Deposits of ₹ 31.74 crore under 'Investment-Others' instead of depicting the same under Current Assets , Cash and Bank Balances (Note 5) in accordance with the prescribed format for preparation of financial statements issued by Ministry of Human Resource Development, Department of Higher Education.

This had resulted in overstatement of 'Investments-Others' by ₹ 31.74 crore and understatement of 'Current Assets' -Cash and Bank Balances by the same amount.

1.2 Balance Sheet

Current Assets (Note 5) -₹ 2.37 crore

The above does not include ₹2.28 lakh being over payment of GST to a contractor for providing hostel facilities for the students in Vadodara for the period from 06-05-2022 to 17-07-2022. Since GST on these services was made applicable only from 18-7-2022, vide Ministry of Finance notification 04/2022 dated 13 July 2022, the payment of ₹ 2.28 lakh was recoverable from the contractor.

This had resulted into understatement of the 'Current Assets' by ₹2.28 lakh as well as overstatement of 'Expenditure' by the same amount.

1.3 Balance Sheet

Short Term Loans and Advances (Note 6) - ₹1.65 crore

The above does not include an amount of ₹ 9.84 lakh being the payment of prepaid medical insurance premium pertaining to the period 01-4-2023 to 16-02-2024. This amount has been shown as Expenditure during the year ended March 2023.

This has resulted into understatement of 'Short Term Loans and Advances' and 'Surplus' during the year by ₹ 9.84 lakh and overstatement of 'Expenditure' and by the same amount.

2. **Income & Expenditure Account**

Nil

3. **Significant Accounting Policies & Notes to Accounts (Note 18)**

A reference is invited to Note No. 18 (d) of Significant Accounting Policies regarding Depreciation on Property, Plant and Equipment in which it is stated that 'Depreciation on tangible assets is calculated using the rates arrived at based on the useful lives prescribed under Schedule-II to the Companies Act, 2013.'

The rates of Depreciation applied by GSV were not in accordance with the rates provided under clause 3 of the Schedule 23 of the approved Format of Financial Statements prescribed by the Ministry of Human Resource Development.

B Grant-in-aid

No grant in aid/loan was received from Ministry of Railways during the year ending 31 March 2023 except the balance grant transferred from National Rail Transportation Institute (NRTI).

C Management Letter

Deficiencies, which have not been included in the Separate Audit Report, will be brought to the notice of the Gati Shakti Vishwavidyalaya through a Management Letter for remedial/corrective action.

V Subject to our observations in the preceding paragraphs, we report that the Balance Sheet and Income & Expenditure Account/Receipt & Payment Account dealt with by this report are in agreement with the books of accounts.

VI In our opinion and to the best of our information and according to the explanations given to us, the said financial statements, read together with the Accounting Policies and Notes on Accounts and subject to the significant matters stated above and other matters mentioned in **Annexure-1** to this Audit Report, give a true and fair view in conformity with accounting principles generally accepted in India:-

- a. In so far as it relates to the Balance Sheet of the state of affairs of the Gati Shakti Viswavidyalaya as at 31 March 2023.
- b. In so far as it relates to Income & Expenditure Accounts of the Gati Shakti Viswavidyalaya for the year ended on that date.



(KHALID BIN JAMAL)
Director General of Audit
Northern Railway, Baroda House,
New Delhi.

Annexure – 1

1. **Adequacy of Internal Audit System**

The GSV had not appointed an internal auditor during the period ending March 2023. However, the process of appointing an internal auditor for the financial year (2023-24) was under process.

2. **Adequacy of Internal Control System**

The system of Internal Control in GSV was not found to be adequate on account of the following:-

- GSV did not have any accounting manual.
- As per Section 24 read with Section 17(7) of the Central Universities Act, 2009, the annual accounts and the financial estimates of the University prepared by the Finance Officer have to be laid before Finance committee for consideration and comments thereafter submitted to the Executive Council for Approval. However, the Finance Committee had not been constituted in GSV before finalisation of the Accounts for 2022-23.

3. **System of Physical Verification of Fixed Assets**

Verification of Fixed Assets was done for the financial year 2022-23, no significant deficiency was noticed during verification.

4. **System of Physical Verification of Inventory:** As per information made available by GSV, there is no inventory with GSV.

5. **Regularity in Payment of Statutory Dues:**

As per information made available by GSV, no statutory dues are outstanding for more than six months.



Director of Audit/WST

Gati Shakti Vishwavidyalaya

Balance Sheet for the period 6-Dec-22 to 31-Mar-23

(Amount in Rupees)

SOURCES OF FUNDS	SCH	As at March 31,2023
CORPUS/CAPITAL FUND	1	36,68,30,070
DESIGNATED/ EARMARKED/ENDOWMENT FUND		-
CURRENT LIABILITIES AND PROVISION	2	<u>76111785</u>
Total		<u>44,29,41,854</u>
APPLICATION OF FUNDS		
FIXED ASSETS		
-Tangible Assets	3	8,33,73,767
-Intangible Assets	3	12,83,382
-Capital Work-In-Progress		-
		<u>8,46,57,149</u>
INVESTMENT-OTHERS	4	317358529
CURRENT ASSETS	5	24430472
LOANS, ADVANCES & DEPOSITS	6	1,64,95,703
		<u>35,82,84,704</u>
Total		<u>44,29,41,854</u>

Significant Accounting Policies and Notes to Accounts

18

Place: Vadodara
Date: 19/09/2023



Prof. (Dr.) Manoj Choudhary
Vice Chancellor



Md. Jawed Mazhar
Chief Finance Officer

Gati Shakti Vishwavidyalaya

Statement of Income and Expenditure for the period 6-Dec-22 to 31-Mar-23

(Amount in Rupees)

Particulars	Notes	For the period 6-Dec-22 to 31-March- 23
INCOME		
ACADEMIC RECEIPTS	7	3,57,44,711.00
INCOME FROM INVESTMENTS	8	1,12,69,017.00
INTEREST EARNED	9	1,32,672.00
OTHER INCOME	10	4,82,875.00
Total Income (I)		4,76,29,275.00
EXPENDITURE		
STAFF PAYMENTS & BENEFITS (ESTABLISHMENT EXPENSES)	11	1,52,51,921.00
ACADEMIC EXPENSES	12	3,63,06,476.50
ADMINISTRATIVE AND GENERAL EXPENSES	13	80,64,543.88
TRANSPORTATION EXPENSES	14	14,85,014.00
REPAIRS & MAINTENANCE	15	20,98,155.00
FINANCE COSTS	16	1,820.42
DEPRECIATION & AMORTISATION	3	50,49,642.00
Total Expenses (II)		6,82,57,572.80
Surplus before extraordinary items (I) - (II)		(2,06,28,297.80)
Extraordinary items		
Adjustment from Grant		
Surplus/(deficit) for the year (I) - (II)		(2,06,28,297.80)

Significant Accounting Policies and Notes to Accounts

18

Place: Vadodara
Date: 19/09/2023



Prof. (Dr.) Manoj Choudhary
Vice Chancellor



Md. Jawed Mazhar
Chief Finance Officer

Gati Shakti Vishwavidyalaya

Notes to the financial statements for the period 6-Dec-22 to 31-Mar-23

(Amount in Rupees)

1. CORPUS/CAPITAL FUND

Particulats	For the period 6-Dec-22 to 31-March-23 Rs.
Surplus/(Deficit) in the statement of income and expenditure	
Balance as per last financial statements	3,96,04,490.24
Surplus/(Deficit) for the year	<u>(3,51,80,777.54)</u>
Net surplus/(deficit) in the statement of income & expenditure	<u>44,23,712.70</u>
Contribution from sponsoring body (NRTU Foundation) and Ministry of Railways	36,24,06,357.00
Total	<u>36,68,30,069.70</u>

2- CURRENT LIABILITIES & PROVISIONS

2 (A). Other Long Term liabilities

Particulats	For the period 6-Dec-22 to 31-March-23 Rs.
Caution fee(Refundable)	37,80,000.00
Security deposits	461109
Other amounts payable (Students Benevolent Fund)	702000
Total	<u>49,43,109.00</u>

2(B). Trade payable

Particulats	For the period 6-Dec-22 to 31-March-23 Rs.
Trade Payables	
- Total outstanding due to Micro Enterprises and small enterprises	-
- Total outstanding due to other than Micro Enterprises and small enterprises	31757967
Total	<u>3,17,57,967.00</u>

2(C). Other current liabilities

Particulats	For the period 6-Dec-22 to 31-March-23 Rs.
Unearned income	18292037
Student Advances	0
Statutory dues payable	2414613.34
Other amounts payable	17316765
Grant Received from DST	1012775.69
Salaries, wages and bonus payable	374517.58
Total	<u>3,94,10,708.61</u>

Place: Vadodara
Date: 19/09/2023


Prof. (Dr.) Manoj Choudhary
Vice Chancellor


Md. Jawed Mazhar
Chief Finance Officer

Gati Shakti Vishwavidyalaya

Notes to the financial statements for the period 6-Dec-22 to 31-Mar-23

(Amount in Rupees)

4. INVESTMENTS- OTHERS

Particulats	For the period 6-Dec-22 to 31-March-23 Rs.
Term Deposits with Banks	317358529
	<u>31,73,58,529.00</u>

5. CURRENT ASSETS

5 (A). Trade receivables

Particulats	For the period 6-Dec-22 to 31-March-23 Rs.
Undisputed	
Unsecured – considered good	654140
Unsecured – considered doubtful	
Less : Provision for doubtful debts	
	<u>6,54,140.00</u>
Disputed	
Unsecured – considered good	
Unsecured – considered doubtful	
Less : Provision for doubtful debts	
	<u>-</u>
Total (A+ B)	<u>6,54,140.00</u>

5 (B). Cash and Bank Balances

Particulats	For the period 6-Dec-22 to 31-March-23 Rs.
Cash and Cash Equivalent	
Cash in hand	
Balances with bank	
- In current accounts	23776332.45
- In Sweep Deposit in Current Account	
	<u>2,37,76,332.45</u>
Other bank Balances	
Fixed deposits with more than 3 months but less than 12 months maturity	-
	<u>-</u>
Total (A+ B)	<u>2,37,76,332.45</u>

6. Short Term Loans and advances

Particulats	For the period 6-Dec-22 to 31-March-23 Rs.
Unsecured Considered good	
Prepaid expenses	3768594
NRTU Delhi (Head Office)	0
Advance to suppliers	2324549
TDS receivable	128754
Accrued Interest	10273806
Total	<u>1,64,95,703.00</u>

Place: Vadodara
Date: 19/09/2023



Prof. (Dr.) Manoj Choudhary
Vice Chancellor



Md. Jawed Mazhar
Chief Finance Officer

Gati Shakti Vishwavidyalaya

Notes to the financial statements for the period 6-Dec-22 to 31-Mar-23

(Amount in Rupees)

7. ACADEMIC RECEIPTS

Particulats	For the period 6-Dec-22 to 31-March-23 Rs.
Initial deposit fees	
Entrance test fees	-
Student ID card fees	-
Admission fees	-28,500.00
Tuition & other fees	-
Tuition fees	2,09,66,713.00
Mess fees	67,80,523.00
Hostel fees	62,94,493.00
Campus facility charges	12,72,500.00
Registration Fee	29,000.00
Study Marterial Fees	3,87,000.00
Uniform Contribution	3,678.00
Other charges	39,304.00
Other training Programme fee	-
Total	3,57,44,711.00

8. INCOME FROM INVESTMENTS

Particulats	For the period 6-Dec-22 to 31-March-23 Rs.
Interest on Term Deposits	1,12,69,017.00
	1,12,69,017.00

9. INTEREST EARNED

Particulats	For the period 6-Dec-22 to 31-March-23 Rs.
On Savings Accounts with scheduled banks	1,32,672.00
	1,32,672.00

10. OTHER INCOME

Particulats	For the period 6-Dec-22 to 31-March-23 Rs.
Tender fees	-
Other Income	4,82,694.00
Right to Information (RTI)	181.00
Grant from Ministry of Railways utilized for current year expenses	-
	-
Total	4,82,875.00

Place: Vadodara
Date: 19/09/2023


Prof. (Dr.) Manoj Choudhary
Vice Chancellor


Md. Jawed Mazhar
Chief Finance Officer

Gati Shakti Vishwavidyalaya

Notes to the financial statements for the period 6-Dec-22 to 31-Mar-23

(Amount in Rupees)

11. STAFF PAYMENTS & BENEFITS (ESTABLISHMENT EXPENSES)


Particulats	For the period 6-Dec-22 to 31-March-23 Rs.
Salaries and wages	1,51,64,684.00
Staff welfare expenses	87,237.00
Total	1,52,51,921.00

12. ACADEMIC EXPENSES

Particulats	For the period 6-Dec-22 to 31-March-23 Rs.
Admission process management services	-
Visiting faculty teaching expenses	97,38,161.00
Transportation charges	10,60,839.00
Mess expenses	71,05,861.00
Hostel Room Charges	42,57,060.00
Hostel expenses	11,70,696.00
Books & periodicals expenses	4,68,300.00
Student welfare expenses	13,37,106.50
Financial Aid	1,11,10,570.00
Uniform Expense	-
Convocation Expenses	8,620.00
Training Programme	-
Examination Expenses	49,263.00
Total	3,63,06,476.50

13. ADMINISTRATIVE AND GENERAL EXPENSES

Particulats	For the period 6-Dec-22 to 31-March-23 Rs.
A. Infrastructure	
Electricity and power	1,49,343.00
B. Communication	
Postage and Stationery	
Telephone, Fax and Internet Charges	25,538.74
C. Other expenses	
IT support & maintenance expenses	5,02,466.94
Office expenses	1,20,582.00
House Keeping Expenses	10,74,103.00
Man Power Service Expense	59,59,890.00
Printing and stationery	67,872.00
Miscellaneous expenses	53,240.00
IR Officers Programme	-
Legal, Professional & Consultancy	1,00,024.00
Total	80,53,059.68


Prof. (Dr.) Manoj Choudhary
Vice Chancellor


Md. Jawed Mazhar
Chief Finance Officer

Place: Vadodara
Date: 19/09/2023

Gati Shakti Vishwavidyalaya

Notes to the financial statements for the period 6-Dec-22 to 31-Mar-23

(Amount in Rupees)

14. TRANSPORTATION EXPENSES

Particulats	For the period 6-Dec-22 to 31-March-23
	Rs.
Travelling and conveyance	14,85,014.00
	<u>14,85,014.00</u>

15. REPAIRS & MAINTENANCE

Particulats	For the period 6-Dec-22 to 31-March-23
	Rs.
- Building	20,65,477.00
- Others	32,678.00
	<u>20,98,155.00</u>

16. FINANCE COSTS

Particulats	For the period 6-Dec-22 to 31-March-23
	Rs.
Bank Charges	1,820.42
	<u>1,820.42</u>

17. PRIOR PERIOD EXPENSES

Particulats	For the period 6-Dec-22 to 31-March-23
	Rs.
	-
	<u>-</u>

Place: Vadodara
Date: 19/09/2023



Prof. (Dr.) Manoj Choudhary
Vice Chancellor



Md. Jawed Mazhar
Chief Finance Officer

Gati Shakti Vishwavidyalaya

Notes to the financial statements for the year ended March 31, 2023

Schedule 18 : SIGNIFICANT ACCOUNTING POLICIES AND NOTES TO ACCOUNTS

1.01 Basis of preparation

The financial statements of the University have been prepared in accordance with the generally accepted accounting principles in India (Indian GAAP). The financial statements have been prepared on an accrual basis and under the historical cost convention. Gati Shakti Vishwavidyalaya was established through the Central Universities (Amendment) Act, 2022 - 17/2022 dated 16th Aug 2022, published in Gazette of India dated 17th Aug 2022 and came into being, on 6th day of December, 2022, through the Gazette Notification to the effect.

As per Section 4(h) of the Central Universities (Amendment) Act,2022, all properties, movable and immovable, of or belonging to the National Rail and Transportation Institute, Vadodara, shall vest in Gati Shakti Vishwavidyalaya and as per Section 4(i)) all rights and liabilities of the National Rail and Transportation Institute, Vadodara, shall be transferred to, and be the rights and liabilities of Gati Shakti Vishwavidyalaya established under this Act from the notified appointed date i.e. 6th day of December,2022.

The following closing balance of all Assets and Liabilities of National Rail and Transportation Institute as on 05.12.2022 were transferred as opening balance to Gati Shakti Vishwavidyalaya as a going concern.

1.02 Significant Accounting Policies

a) Use of estimates

The preparation of the financial statements in conformity with IGAAP requires the University's management to make estimates and assumptions that affect the reported amount of assets, liabilities, revenue and expenses, and disclosure of contingent liability as on the date of the financial statement. Examples of such estimates includes estimation of useful lives of tangible and intangible assets, valuation of inventories, assessment of recoverable amounts of deferred tax assets and provision for obligations relating to employees, provisions against litigations & contingencies. Although such estimates and assumptions are made on a reasonable and prudent basis taking into account all available information, actual results could differ from these estimates and underlying assumptions are reviewed on an ongoing basis. Any revision in to the accounting estimates is recognized prospectively in the current & future period.

b) Property, plant & equipment

As per Section 4(h) of the Central Universities (Amendment) Act,2022, all properties, movable and immovable, of or belonging to the National Rail and Transportation Institute, Vadodara, shall vest in Gati Shakti Vishwavidyalaya. Property, plant & equipment are stated at cost, net of accumulated depreciation and accumulated impairment losses, if any. The cost comprises purchase price, borrowing costs if capitalization criteria are met and directly attributable cost of bringing the asset to its working condition for the intended use.

Assets of Rs. 18,67,315/- created out of the sponsored project received from Department of Science and Technology, PI: Dr. V Chintala, where the ownership is retained by sponsors but held and used by the institution.

Subsequent expenditure related to an item of property, plant & equipment is added to its book value only if it increases the future benefits from the existing asset beyond its previously assessed standard of performance. All other expenses on existing property, plant & equipment, including day-to-day repair and maintenance expenditure and cost of replacing parts, are charged to the statement of income and expenditure for the period during which such expenses are incurred.

Gains or losses arising from derecognition of property, plant & equipment are measured as the difference between the net disposal proceeds and the carrying amount of the asset and are recognised in the statement of income and expenditure when the asset is derecognised.

Intangible assets acquired separately are measured on initial recognition at cost. Following initial recognition, intangible assets are carried at cost less accumulated amortisation and accumulated impairment losses, if any.

Intangible assets under development comprises of cost of assets that are not ready for their intended use at the reporting date.

c) Revenue recognition

Revenue is recognised to the extent that it is probable that the economic benefits will flow to the University and the revenue can be reliably measured. The following specific recognition criteria must also be met before revenue is recognised:

Income from Initial Deposit of fees:

Revenue in respect of initial deposit of fees is recognized upfront on receipt.

Income from Tuition & other fees:

University incorporated under section 3 of the University Grants Commission Act, 1956, shall be established as a body corporate under this Act by the name Gati Shakti Vishwavidyalaya. It does not generate any profit/ surplus from its activities. Income of the University is exempt under section 10(23C)(iiiab) of the Income Tax Act, 1961.

d) Depreciation on property, plant & equipment

Depreciation on tangible assets is calculated on a Straight line method method using the rates arrived at based on the useful lives prescribed under the Schedule II to the Companies Act, 2013.

Assets costing upto Rs. 5,000 are depreciated fully in the year of purchase.

Depreciation on intangible assets is charged on the basis of considering the life of assets at 3 years and depreciated @ 33.33% p.a.

e) Leases

Where the University is lessee:

Leases, where the lessor effectively retains substantially all the risks and benefits of ownership of the leased item, are classified as operating leases. Operating lease payments are recognised as an expense in the statement of income and expenditure on a straight-line basis over the lease term.

f) Borrowing costs

Borrowing cost includes interest, amortisation of ancillary costs incurred in connection with the arrangement of borrowings and exchange differences arising from foreign currency borrowings to the extent they are regarded as an adjustment to the interest cost.

Borrowing costs directly attributable to the acquisition, construction or production of an asset that necessarily takes a substantial period of time to get ready for its intended use or sale are capitalized as part of the cost of the respective asset. All other borrowing costs are expensed in the period they occur.

g) Impairment of tangible assets

The carrying amounts of assets are reviewed at each balance sheet date if there is any indication of impairment based on internal/external factors. An impairment loss is recognised wherever the carrying amount of an asset exceeds its recoverable amount. The recoverable amount is the greater of the asset's net selling price and value in use. In assessing value in use, the estimated future cash flows are discounted to their present value using a pre discount rate that reflects current market assessments of the time value of money and risk specific to the asset.

After impairment, depreciation is provided on the revised carrying amount of the asset over its remaining useful life.

h) Foreign currency translation

Foreign currency transactions and balances

(i) Initial Recognition

Foreign currency transactions are recorded in the reporting currency, by applying to the foreign currency amount the exchange rate between the reporting currency and the foreign currency at the date of the transaction.

(ii) Conversion

Foreign currency monetary items are retranslated using the exchange rate prevailing at the reporting date. Non-monetary items, which are measured in terms of historical cost denominated in a foreign currency, are reported using the exchange rate at the date of the transaction. Non-monetary items, which are measured at fair value or other similar valuation denominated in a foreign currency, are translated using the exchange rate at the date when such value was determined.

(iii) Exchange Differences

Exchange differences arising on the settlement of monetary items or on reporting such monetary items of the University at rates different from those at which they were initially recorded during the year, or reported in previous financial statements, are recognised as income or as expenses in the year in which they arise.

i) Income taxes

University incorporated under section 3 of the University Grants Commission Act, 1956, shall be established as a body corporate under this Act by the name Gati Shakti Vishwavidyalaya. It

does not generate any profit/ surplus from its activities. Income of the University is exempt under section 10(23C)(iiiab) of the Income Tax Act, 1961.

j) Provisions

A provision is recognised when the University has a present obligation as a result of past event, it is probable that an outflow of resources embodying economic benefits will be required to settle the obligation and a reliable estimate can be made of the amount of the obligation. Provisions are not discounted to their present value and are determined based on the best estimate required to settle the obligation at the reporting date. These estimates are reviewed at each reporting date and adjusted to reflect the current best estimates.

k) Contingent liabilities

A contingent liability is a possible obligation that arises from past events whose existence will be confirmed by the occurrence or non-occurrence of one or more uncertain future events beyond the control of the University or a present obligation that is not recognised because it is not probable that an outflow of resources will be required to settle the obligation. A contingent liability also arises in extremely rare cases where there is a liability that cannot be recognised because it cannot be measured reliably. The University does not recognise a contingent liability but discloses its existence in the financial statements.

l) Cash and Cash equivalents

Cash and cash equivalents for the purposes of cash flow statement comprise cash at bank and in hand and short-term investments with an original maturity of three months or less.

m) Retirement Benefits

Retirement benefits i.e., provident fund is provided for on accrual basis.

n) Government grants

Grants from the government are recognised when there is reasonable assurance that:

1. the University will comply with the conditions attached to them; and
2. the grant will be received.

Government grants related to revenue are recognised on a systematic basis in the statement of profit and loss over the periods necessary to match them with the related costs which they are intended to compensate. Such grants are shown separately under 'other income'. Where the University receives non-monetary grants, the asset is accounted for on the basis of its acquisition cost. In case a non-monetary asset is given free of cost it is recognised at a nominal value.

o) Bifurcation of Corpus Fund/Capital Fund

Detailed bifurcation of Corpus Fund/Capital fund disclosed in Schedule-1 are as under:

Should be shown in Schedule	
Particulars	Amount (in ₹)
Opening balance	38,74,58,367.50
Additions: Contribution from sponsoring body (NRTU foundation) and Ministry of Railways	0
Surplus/(Deficit) as per Income and expenditure	(2,06,28,297.80)
Closing balance	36,68,30,069.70

p) Sponsored Projects/Sponsored Fellowship:

Details of Sponsored Projects and Sponsored Fellowship received by faculties are as under for the period from 06.12.2022 to 31.03.2023:

Sr.No.	Name of the Project	Op. Balance as on 06.12.2022	Amount Received	Total	Amount of Expenditure	Closing Balance as on 31.03.2023
A	Sponsored Project					
1	Solar pre-heated thermochemical conversion of municipal mixed solid waste to high quality plasto-fuels for transportation and industrial heating applications from DST by Dr. V. Chintala	5631198	46339	5677537	5546539	130998
2	A study on the problems and conjectures in univalent function theory by DST by Dr. Navneet Lal Sharma	0	739466	739466	0	739466
3	DST Sponsored Awareness Drive by Dr. V. Chintala	191498	0	191498	54564	136934
	Total (A)					1007398
B	Sponsored Fellowship					
	Certain Conjectures And Problems In Geometric Function Theory" by DST by Dr. Navneet Lal Sharma	1426600	5441	1432041	1426664	5377
	Total (B)					5377
	Total (A+B)					1012775

q) Disclosure of preparation of accounts under National Rail and Transportation Institute (NRTI) in the annual accounts of Gati Shakti Vishwavidyalaya (GSV):

Statement of the transactions for the period between 06.12.2022 to 31.01.2023, which have been carried out in the name of National Rail and Transportation Institute after the appointed date of establishment of Gati Shakti Vishwavidyalaya (GSV) using the

Income Tax PAN and GST Credentials of NRTU Foundation / the National Rail and Transportation Institute, respectively and vesting these financial transactions in GSV.

r) **Bank Accounts maintained for Sponsored Projects/Sponsored Fellowship:**

Details of Bank accounts maintained for Sponsored Projects and Sponsored Fellowship as on 31.03.2023:

Bank Accounts for Sponsored Projects/Fellowship	Amount (Rs.)
SBI - 173250 (Sponsored Projects account for grant received from DST of Dr. V. Chintala)	67357.00
Union Bank of India-(Sponsored Fellowship & Project Account Dr. N L Sharma from DST)	1227603.77
Union Bank of India-Sponsorship A/C	1001.00
Total	1295961.77



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Gati Shakti Vishwavidyalaya

Notes to the financial statements for the period 06.12.2022 to 31.03.2023

(Amount in Rupees)

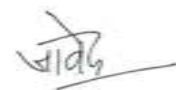
3 FIXED ASSETS

Property Plant and Equipment	Gross Block					Accumulated Depreciation			Net Block		
	As on 06.12.2022	Additions	Deletion	Change due to revaluation *	As on 31.03.23	As on 06.12.2022	Charge for the period	Disposals	As on 31.03.23	As on 31.03.2023	As on 06.12.2022
Building	1,05,21,777	44,09,941	-	-	1,49,31,720	20,52,252	10,62,730	-	31,14,982	1,18,16,738	84,69,525
Equipments	18,16,503	5,28,861	-	-	23,45,368	2,85,484	1,21,483	-	4,06,967	19,38,401	15,31,019
Laboratory Equipments	4,00,51,095	2,88,60,948	-	-	6,89,11,143	35,63,041	29,38,475	-	64,81,516	6,24,29,627	3,64,88,054
Computer & Printer	31,38,692	4,18,788	-	-	35,57,480	2,64,198	1,26,244	-	5,90,442	29,47,238	28,54,494
Furniture	32,70,134	7,46,730	-	-	40,16,864	1,66,268	1,34,891	-	4,81,159	35,35,205	31,03,866
Books	-	7,23,325	-	-	7,23,325	-	16,567	-	16,567	7,06,758	-
Total	5,87,78,201.00	3,56,87,199.00	-	-	9,44,65,400.00	63,31,241.00	47,66,396.00	-	1,10,91,631.00	8,33,73,767.00	5,24,46,958.00
Intangible assets	28,10,770	1,50,040	-	-	29,60,810	13,88,176	2,89,252	-	16,77,428	12,81,382	14,22,594
Grand Total	6,15,88,971.00	3,58,37,239.00	-	-	9,74,26,210.00	77,19,417.00	50,49,642.00	-	1,27,69,061.00	8,46,57,149.00	5,38,69,552.00
Previous period from 01.04.22 to 05.12.22	2,95,45,122	3,12,43,849	-	-	6,05,88,971	18,84,223	58,35,196	-	77,19,419	5,38,69,552	2,24,60,899

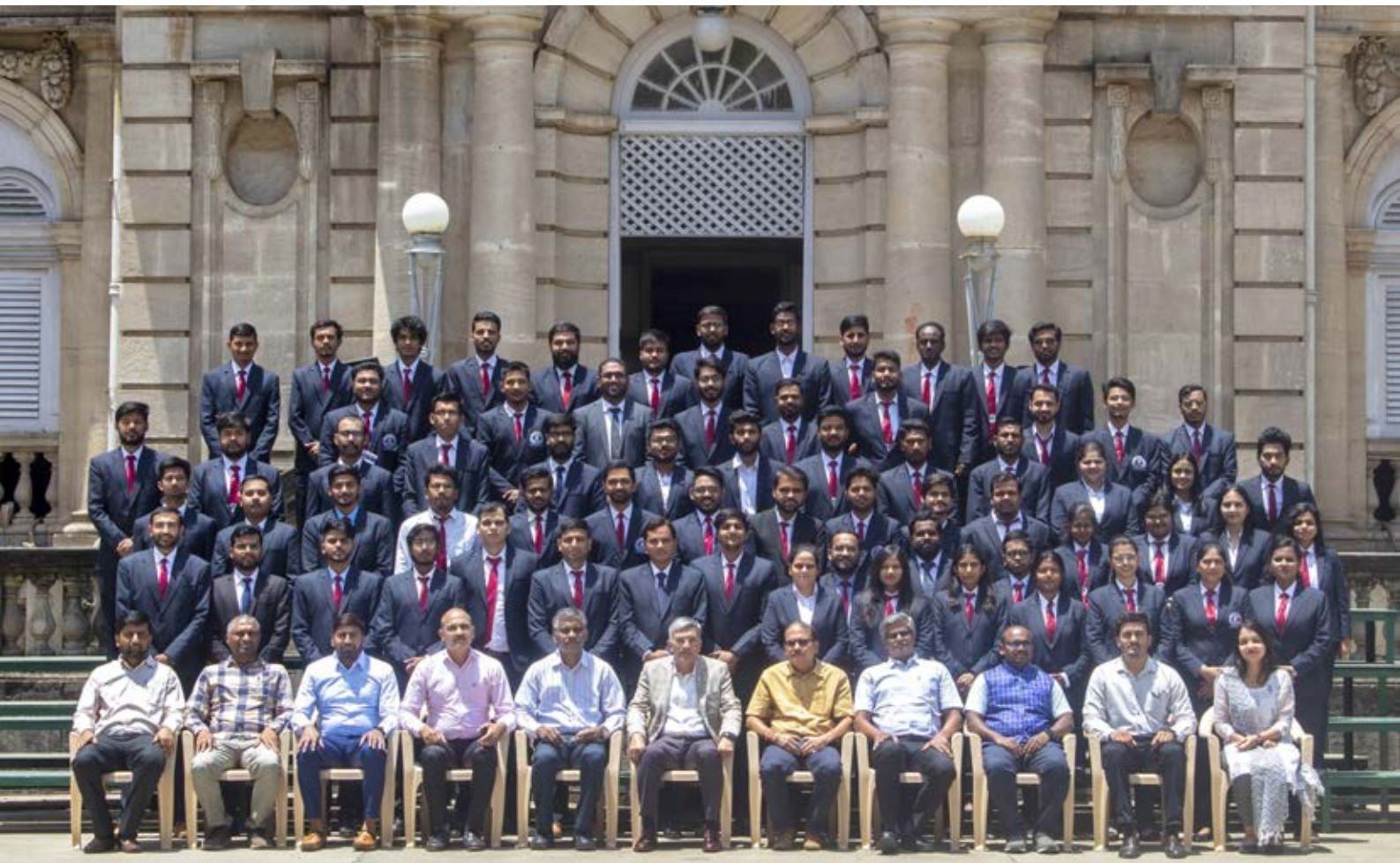
Place: Vadodara
Date: 19/09/2023



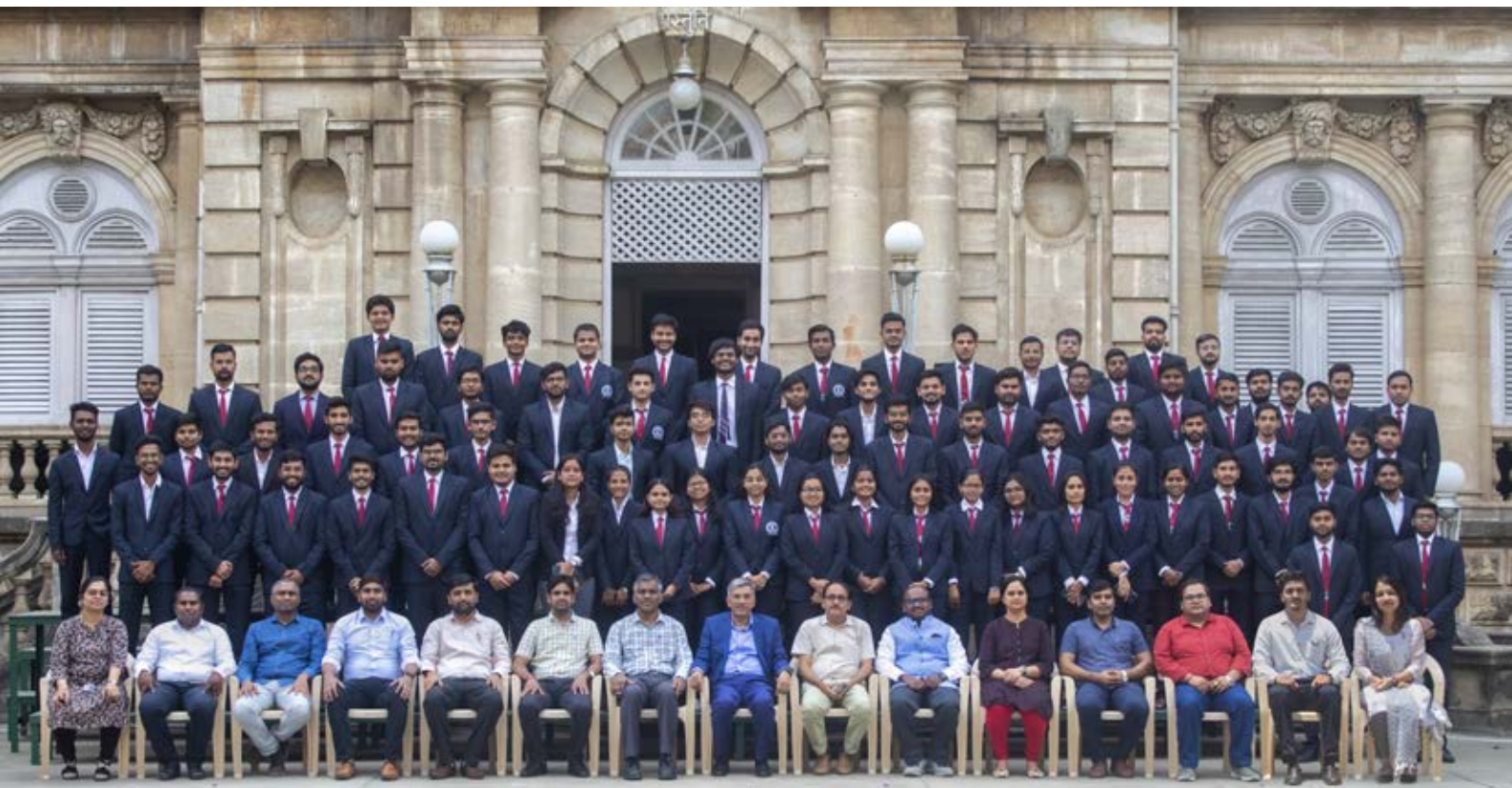
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2021-23 Postgraduate Batch



2020-23 Undergraduate Batch