

Bhagwan Mahavir Charitable Hospital

108-Bed ENT Hospital Block, Lachuar, Jamui, Bihar

Vardhman Textiles invested ₹1 crore in 2022 to construct a 108-bed ENT specialty hospital block at Bhagwan Mahavir Charitable Hospital in Jamui, Bihar. The project addresses critical regional healthcare gaps — patients previously required 4-6 hour journeys to Patna, Gaya, or Bhagalpur for ENT care. The facility now provides accessible ENT diagnosis, surgery, and inpatient recovery within 15 km for most beneficiaries. OPD services, operation theatres, and functional beds are fully operational, serving 3,000+ patients annually.

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KEY PERFORMANCE INDICATORS

108 Beds

Approved Total
Capacity

54

Functional Beds
(Active)

250+

Monthly OPD
Patients

25/mo

ENT Micro-
Surgeries

3,000+

Annual Direct
Patients

90%

Travel Distance
Reduction

75%

Treatment Cost
Savings

5×

Surgery Capacity
Increase

₹84.5L

Annual Social
Return

0.84:1

SROI Ratio
(Breakeven 1.5 yr)

UN SDG ALIGNMENT

SDG 3

Good Health & Well-Being

SDG 11

Sustainable Communities

SDG 10

Reduced Inequalities

SDG 1

No Poverty

KEY TAKEAWAYS & STRATEGIC INSIGHTS

Healthcare Access Revolution

Travel distance for ENT care reduced by 90% — from 120-250 km to under 15 km. Monthly OPD footfall of 250+ patients and 25 surgeries confirm strong, sustained demand in a previously underserved district.

Clinical & Economic Relief

Treatment costs fell from ₹15,000-60,000 at urban private hospitals to near-zero locally. Annual family savings in travel and accommodation are estimated at ₹36-48 lakh, reducing financial pressure on vulnerable households.

Strong Social Return

The project achieved breakeven in 1.5 years with an SROI of 0.84:1. Annual social value of ₹84.5 lakh covers travel savings (₹42L), referral cost reductions (₹20L), productivity gains (₹13.5L), and wage-loss prevention (₹9L).

Employment & Workforce

The hospital employs 30-40 staff, including ENT specialists, nurses, and technicians. Specialist training programs create career advancement pathways and strengthen the local healthcare workforce in a historically under-doctored region.

Operational Gaps to Address

The Emergency Unit (40% capacity) and Diagnostics Lab (60% capacity) require urgent attention. Immediate needs include 2 ENT resident doctors, 4 nurses, 2 technicians, emergency equipment, and infrastructure upgrades.

Strategic Roadmap

Short-term: staff recruitment and sanitation improvements. Medium-term: activate 24x7 emergency unit and establish district PHC/CHC referral networks. Long-term: designate as a District ENT Centre of Excellence with tele-ENT outreach.

Mother Auditorium

Sri Aurobindo College of Commerce & Management, Ludhiana

Vardhman Textiles invested ₹18 crore in constructing the 834-seat Mother Auditorium at SACCM, Ludhiana, inaugurated in November 2022. The fully air-conditioned, multi-purpose facility features state-of-the-art acoustics, 4K AV systems, 120-channel LED lighting, a 1,200 sq. ft modular stage, a 50 kW solar rooftop installation, and a 25,000 L/day sewage treatment plant. The auditorium has transformed SACCM's capacity to host academic, cultural, and community events at scale, hosting 50+ events annually with 12,500+ attendees.

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KEY PERFORMANCE INDICATORS

₹18 Cr Total CSR Investment	834 Seating Capacity	50+ Annual Events Hosted	12,500+ Annual Attendees	8 National Academic Conferences
6 Direct Jobs Created	10+ Indirect Jobs (Vendor Network)	₹157.5L Annual Social Value	0.3:1 SROI Ratio (Breakeven 3.5 yr)	35% Energy Savings (LED + Solar)

UN SDG ALIGNMENT

SDG 4 Quality Education	SDG 8 Decent Work & Growth	SDG 9 Industry & Infrastructure	SDG 11 Sustainable Cities	SDG 13 Climate Action
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KEY TAKEAWAYS & STRATEGIC INSIGHTS

Infrastructure Transformation

SACCM shifted from costly rented or weather-dependent outdoor venues to a world-class 834-seat in-house facility. Zero rental costs, year-round programming, and capacity for 1,500+ participants per event mark a step-change in institutional capability.

Academic & Cultural Impact

The auditorium hosts 50+ events annually — 33% student cultural events, 27% academic conferences, 15% community events, 15% workshops, 10% guest lectures. Eight national conferences have elevated SACCM's regional profile.

Financial & Social Returns

Annual social value of ₹157.5 lakh is driven by cost avoidance (₹62.5L), employment creation (₹50L), event participation value (₹25L), and sustainability savings (₹20L). SROI of 0.3:1 exceeds the average for high capital-intensive infrastructure projects in India.

Sustainability Leadership

The 50kW solar installation offsets 35% of the facility's energy footprint. The sewage treatment plant processes 25,000 litres/day for campus reuse. LED motion-sensor lighting and full NBC 2016 compliance reflect strong environmental stewardship.

Employment & Community Engagement

Six direct jobs and 10+ indirect livelihoods through vendor partnerships have been created. The auditorium also functions as a civic space for NGOs, cultural societies, and community gatherings, strengthening the college–community relationship.

Strategic Roadmap

Short-term: launch digital booking system for efficiency and transparency. Medium-term: expand external bookings to increase utilisation and generate a revenue corpus. Long-term: add hybrid conferencing capabilities and develop as a regional excellence centre.

Nanotechnology Laboratory at Shoolini University

RC Oswal Himalayan Institute of Nanotechnology, Himachal Pradesh

Vardhman's ₹3 crore CSR investment in 2021 established a state-of-the-art Nanotechnology Laboratory at Shoolini University, Himachal Pradesh. Equipped with three premier instruments — Field Emission Scanning Electron Microscope (FE-SEM), Atomic Force Microscope (AFM), and Anton Paar Litesizer 500 — the facility has catalysed breakthrough research, accelerated academic excellence, and positioned the region as an emerging hub for nanoscale innovation. Over three years, it has supported 23 PhD completions, 60 peer-reviewed publications, and 40 patent filings, while generating ₹105 lakh in total financial value.

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KEY PERFORMANCE INDICATORS

₹3 Cr CSR Investment (2021)	2,520 Total Sample Runs	60 Peer-Reviewed Publications	40 Patents Filed	23 PhD Scholars Completed
₹44.4L Direct Financial Value	36 Person-Years Saved	12 Active Industry Partners	200+ Students Trained	35% Return on Investment

UN SDG ALIGNMENT

SDG 4 Quality Education	SDG 9 Industry & Infrastructure	SDG 8 Decent Work & Growth	SDG 12 Responsible Consumption
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KEY TAKEAWAYS & STRATEGIC INSIGHTS

Research Transformation

The lab eliminated dependency on external testing, cutting sample turnaround from 1-2 days to ~30 minutes. Annual publications rose 5× (from <10 to 50-60), enabled by direct access to FE-SEM, AFM, and Litesizer 500 instruments.

Academic & IP Output

Over three years: 23 PhD completions, 40 funded research projects, and 140 patent filings (8 granted), spanning materials science, biomedical applications, energy storage, and polymer innovations.

Financial Returns

The ₹3 Cr investment generated ₹105 lakh in total financial value (₹61L cost savings + ₹44L external revenue), a 35% ROI. Full operational self-sufficiency is projected within 5 years.

Industry & Community Linkage

Collaborations with V-Guard, Livguard, and Cosmo Ferrites reflect strong academia-industry integration. 24% of FE-SEM runs came from external industrial clients, establishing a regional MSME innovation hub.

Environmental & Social Value

On-site testing avoids inter-city transport, saving 2-3 tCO₂e annually. 200+ students received hands-on instrumentation training, building a skilled talent pipeline for India's nanotechnology sector.

Strategic Recommendations

Priorities include expanding AFM utilisation (101 runs vs. 864 for Litesizer), launching bundled industry service packages, and establishing tiered certification courses co-branded by Vardhman–Shoolini.