

Learn with the

Leaders in Healthcare Education

Industry-aligned UG Programs in Allied & Healthcare





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CMR University

Bangalore, Karnataka



CMR University, Bengaluru is a **NAAC 'A'** accredited institution, part of the CMR Group of Institutions with over 25 years of experience in education, offering a comprehensive range of academic programs.

As a UGC-recognised university, it is committed to delivering high-quality, industry-relevant education with a strong focus on academic excellence, innovation and skill development.

The university combines a robust academic framework with modern infrastructure, experienced faculty and a practical, application-oriented approach to learning. This ensures that students are not only academically strong but also prepared to meet the evolving demands of real-world careers across high-growth sectors.

Life on Campus



*The images in this brochure and its linked content are for illustrative purposes only and may not reflect the exact facilities at all locations.

Global Healthcare Crisis: 1.8 Crore Workforce Shortage

The Guardian

Staffing crisis deepens in NHS England with 110,000 posts unfilled

One in 10 nursing positions empty as are one in 17 doctors' jobs, official figures show

Business Standard

30-40% un-met demand for allied health professionals: NATHEALTH-BCG study

Changing America

The US is suffering a healthcare worker shortage. Experts fear it will only get worse.

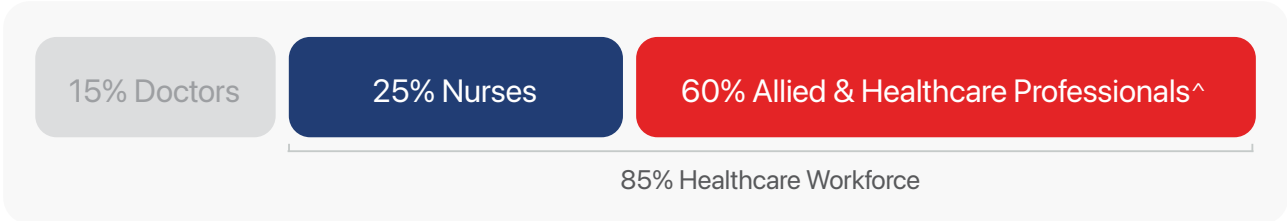
An aging population and healthcare workforce are contributing to the shortage.

The global healthcare sector - the world's largest employer - is entering a phase of sustained workforce shortage, with a projected **1.8 crore shortfall by 2030***. This shortage is increasing pressure on healthcare systems worldwide, affecting service capacity, access to care & patient outcomes.

To bridge this deficit, **many countries have expanded immigration pathways** to attract trained healthcare professionals. With one of the world's youngest populations, India is uniquely positioned to contribute to this rising global demand for skilled healthcare talent.

Allied & Healthcare Professionals and Nurses: The Backbone of Healthcare

Allied & Healthcare Professionals (AHPs) and Nurses together form nearly **85% of the global healthcare workforce**, delivering the majority of patient care. As shortages intensify, a significant share of global vacancies continues to emerge across these roles.



*Source: World Health Organisation (WHO)
*Source: BCG Report on Formalizing Allied Healthcare Workforce In India



Opportunity for Aspirants: 80 Lakh+ Vacancies in Allied & Healthcare, Nursing and more

Public Health Foundation of India

Demand & Supply Gap of **62,65,376 AHPs** in India

Discipline	Demand	Supply	Gap
Medical Technology	2,39,657	3,587	2,36,070
Surgery & Anaesthesia	8,62,193	4,050	8,58,143
Radiography & Imaging	23,649	4,352	19,297
Surgical & Intervention	2,05,088	7,215	1,97,873
Dental Assistance Technology	20,48,391	6,243	20,42,148
Audiology & Speech Language	10,599	6,263	7,336
Ophthalmology	1,45,236	17,678	1,27,558
Medical Laboratory	76,884	15,214	61,670
Rehabilitation	18,62,584	40,265	18,22,319
Misc.	10,74,473	1,81,511	8,92,962
Total	65,48,754	2,83,378	62,65,376

Source: PHFI Occupational Mapping Report

Demand & Supply Gap of **18,86,216 Nurses** in India

Discipline	Demand	Supply	Gap
Nursing	43,52,807	24,66,591	18,86,216

Source: WHO Global Health Observatory (GHO) Report

India's healthcare sector, the second-largest employer, has seen **~22% annual growth** over the past decade.*

To sustain this momentum, the sector needs **over one lakh trained professionals every month** over the next five years.^

Strengthening India's healthcare workforce has now become a **national priority**. Reflecting this priority the **Union Budget 2026 saw allocation of ₹1,000 crore** towards education and training of allied and healthcare professionals.

Together, these trends open up large-scale career opportunities in healthcare for students across the country.

62 Lakh+
Vacancies for AHPs

18 Lakh+
Vacancies for Nurses

*Source: IBEF Healthcare Industry Report 2025
*Source: Derived from an estimated requirement of 80 lakh+ healthcare professionals over the next 5 years.



World-Class Education, Powered by Virohan

To succeed in today's healthcare sector, students need more than just academic knowledge — they need practical skills, industry exposure and real-world readiness.

Virohan, **India's leading healthcare industry partner**, enables universities to deliver industry-aligned healthcare education with a strong focus on practical learning.

Through its proprietary platform and integrated training model*, Virohan integrates curriculum, technology, industry exposure and real-world training into the academic journey.

20+

HEI Partners

250+

Industry Experts & Trainers

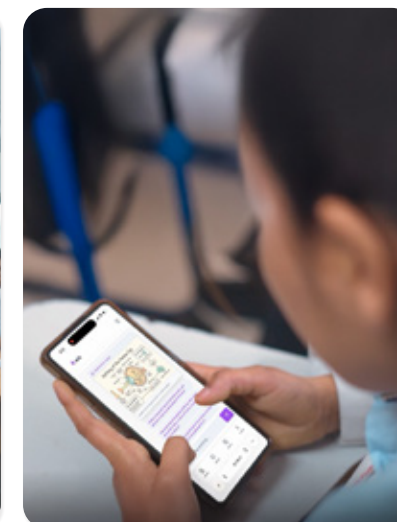
2,000+

Healthcare Employers

13,000+

Success Stories

*Skill program offered as an approved training partner of NSDC.



Learn in Smart Classrooms

and get 24x7 support on the Virohan App



Gain Practical Experience

with expert-led training and VR-based simulations



Intern at Top Healthcare Organisations

to gain real industry exposure and learn workplace skills

20+ Top Universities & Colleges across India, Powered by Virohan



Recognised for Excellence in Higher Education



Excellence in SkillTech
& Career Readiness
Solutions Award - 2026



Best Upcoming
Healthcare Education
Company - 2025



Top 100
EdTech startups in
South Asia - 2025



Featured in
Forbes Asia's 100
to Watch List - 2024



Awarded
Best Healthcare
Education Brand - 2024



Part of BusinessWorld
Disrupt Future Masters
Nalin Saluja - 2023



Education Innovation
Award for Best E-Learning
& Blended Solution -2022



Ranked #18 in Deloitte
Technology Fast 50
India - 2022



Part of BusinessWorld
Club Of Achievers
Kunaal Dudeja - 2021

Industry-Aligned Training Designed by Experts



Prof. (Dr.) Mridu Dudeja

Advisor, Virohan

- 30+ Research publications
- Founding member of School of Allied Health Sciences at Jamia Hamdard Medical College
- Postdoctoral fellow - AIIMS; MBA - FMS Delhi; MD - MAMC Delhi; MBBS - LHMC Delhi



Dr. Jitendra Mohan Hans

Advisor, Virohan

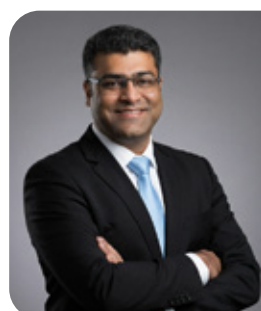
- Padma Shri Awardee by the Government of India
- Chairman and Director - Dr. Hans Centre for ENT, Hearing Care and Vertigo; Founding member of the Cochlear Implant Group of India
- DLO, MS (Oto-Rhino-Laryngology); MBBS - University of Meerut



Mrs. Paarul Dudeja

Advisor, Virohan

- Managing Partner at Working Capital Fund (backed by Pierre Omidyar); Previously held leadership positions at IFC (World Bank) and Accion Labs
- MBA - Harvard Business School, USA; BA Economics (Hons.) - Franklin & Marshall College, USA



Dr. Anurag Shahi

Chief Product Officer & Head of Academics, Virohan

- All India Rank 1 in AIIMS Senior Residency Entrance (2018) Biophysics, Silver medalist at IBO 2007 (Saskatoon) representing India among global competitors
- 10+ years of experience
- MD, MBBS - AIIMS, Delhi



Dr. Deepshikha

Head of Content & Pedagogy, Virohan

- Presented research at major national dental conferences
- 12+ years of consulting experience at leading hospitals
- PGDHA - Apollo Medvarsity; MDS - Govt. Dental College, Patiala

Access to 2,000+ Healthcare Employers

Virohan's extensive network of hospitals, diagnostic labs and healthcare organisations ensures that candidates gain real-world exposure through **structured internships, practical training** and **career opportunities**. These partnerships enable Higher Education Institutions (HEIs) to deliver programs that are deeply aligned with industry needs and employment outcomes.



Dr. S.S. Bansal

Chairman & Managing Director, SSB Heart & Multi specialty Hospital, Faridabad

"In a multi-specialty hospital like ours, skilled allied & healthcare professionals play a critical role in delivering quality care, yet finding well-trained talent has always been a challenge.

Students from university programs delivered in collaboration with Virohan come with strong practical skills and the right attitude for healthcare environments. It is reassuring to see a steady pipeline of professionals who are better prepared to meet the demands of real clinical settings."

UG Program Specialisations in Allied & Healthcare



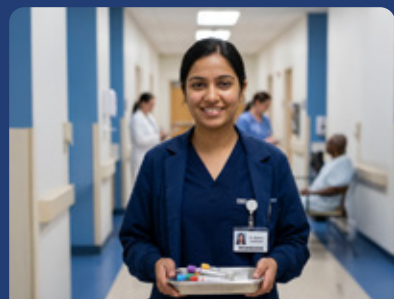
Anaesthesia & Operation Theatre Technology (AOTT)



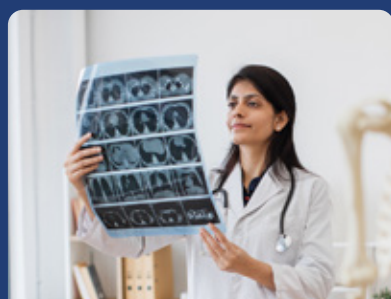
Physiotherapy (PT)



Optometry (Optom)



Medical Laboratory Science (MLS)



Medical Radiology & Imaging Technology (MRIT)

Duration and Structure

5-Year Degree Programs



4-Year Degree Programs



Anaesthesia & Operation Theatre Technology

- Domain**
Allied & Healthcare
- Eligibility**
12th Pass with 40% in all subjects individually, PCB/PCM mandatory
- Qualification**
4-Year UG Degree



Learn More

University Program Structure

	Core Concepts	Soft Skills	Industry Exposure
Year 1	- Human Anatomy - Human Physiology - Basics of Biomedical Sciences in Surgery & Anaesthesia	- Basic Grammar - Communication Fundamentals - Personal Hygiene and Grooming - Professional Behaviour Basics	Expert sessions and masterclasses by leading healthcare professionals
Year 2	- Basics of Surgical Procedures - Basic Techniques of Anaesthesia - Basic Intensive Care - CSSD & Manifold Area	- Professional Communication Skills - Time Management - Teamwork - Problem-Solving Abilities	Hands-on clinical training in state-of-the-art labs
Year 3	- Specialized Anaesthesia - Specialized Surgery - Disaster Management & Environmental Science	- Leadership Skills - Emotional Intelligence - Stress Management - Quality Consciousness	Regular visits to hospitals for practical industry exposure
Year 4	Internship at India's Leading Healthcare Organisations Work at places like: - Dental Clinics - Multispeciality Hospitals - Trauma Care Department - Skin & Hair Clinics		

Physiotherapy

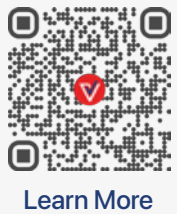
- Domain**
Allied & Healthcare
- Eligibility**
12th Pass with 40% in all subjects individually (English mandatory), Min. 50% in PCB
- Qualification**
5-Year UG Degree



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Optometry

- Domain**
Allied & Healthcare
- Eligibility**
12th Pass with 40% in all subjects individually, Min. 50% in PCB/PCM
- Qualification**
5-Year UG Degree



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University Program Structure

	Core Concepts	Soft Skills	Industry Exposure
Year 1	- Human Anatomy - Human Physiology - Psychology & Sociology - Fundamentals of Exercise Modalities	- Basic Grammar - Communication Fundamentals - Personal Hygiene and Grooming - Professional Behaviour Basics	Expert sessions and masterclasses by leading healthcare professionals
Year 2	- Pathology & Microbiology - Pharmacology - Biomechanics & Kinesiology - Electrotherapy	- Professional Communication Skills - Time Management - Teamwork - Problem-Solving Abilities	Hands-on clinical training in state-of-the-art labs
Year 3	- General Surgery - Orthopedics - Physiotherapy in Adult & Pediatric Orthopedics Conditions	- Leadership Skills - Emotional Intelligence - Stress Management - Quality Consciousness	Regular visits to hospitals for practical industry exposure
Year 4	- Sports Physiotherapy - Cardiothoracic Surgeries - Neurology, Psychiatry and Neurosurgery	- Conflict Management - Negotiation Skills - Result Orientation - Entrepreneurial Mindset	Real-world case studies and expert-led sessions
Year 5	Internship at India's Leading Healthcare Organisations	Work at places like: - Rehabilitation Centres - Orthopedic Departments	- Neurology Departments - Multi-specialty Hospitals

University Program Structure

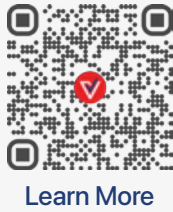
	Core Concepts	Soft Skills	Industry Exposure
Year 1	- General and Ocular Anatomy - General and Ocular Physiology - Physical Optics - Introduction to Optometry	- Basic Grammar - Communication Fundamentals - Personal Hygiene and Grooming - Professional Behaviour Basics	Expert sessions and masterclasses by leading healthcare professionals
Year 2	- Ocular Pharmacology - Visual Optics - Optometric Instruments - Clinical Examination of Visual System	- Professional Communication Skills - Time Management - Teamwork - Problem-Solving Abilities	Hands-on clinical training in state-of-the-art labs
Year 3	- Geriatric Optometry - Paediatric Optometry - Low Vision Care & Rehabilitation	- Leadership Skills - Emotional Intelligence - Stress Management - Quality Consciousness	Regular visits to hospitals for practical industry exposure
Year 4	- Contact Lens - Binocular Vision - Occupational Optometry	- Conflict Management - Negotiation Skills - Result Orientation - Entrepreneurial Mindset	Real-world case studies and expert-led sessions
Year 5	Internship at India's Leading Healthcare Organisations	Work at places like: - Eye Hospitals - Specialty Clinics	- Optical Retail Chains - Vision Research Centres

• The program name, eligibility criteria, structure, duration, curriculum, and other details are subject to change by the university in line with the applicable law.
• The candidate must have attained a minimum age of 17 years by 1st December 2026 for Jun-Jul 2026 intake and by 1st June 2027 for Dec 26-Jan 27 intake.
• All mentions of 'Degree' refer to UGC-approved qualifications awarded by the university. 'Program(s)' implies delivery in collaboration with industry partner Virohan.

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Medical Laboratory Science

-  **Domain**
Allied & Healthcare
-  **Eligibility**
12th Pass with 40% in all subjects individually, PCB mandatory
-  **Qualification**
4-Year UG Degree



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Medical Radiology & Imaging Technology

-  **Domain**
Allied & Healthcare
-  **Eligibility**
12th Pass with 40% in all subjects individually, PCB mandatory
-  **Qualification**
4-Year UG Degree



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University Program Structure

	Core Concepts	Soft Skills	Industry Exposure
Year 1	- Human Anatomy - Human Physiology - Fundamentals of Microbiology - Basics of Biochemistry	- Basic Grammar - Communication Fundamentals - Personal Hygiene and Grooming - Professional Behaviour Basics	Expert sessions and masterclasses by leading healthcare professionals
Year 2	- Bacteriology - Clinical Haematology - Clinical Pathology - Virology and Immunology	- Professional Communication Skills - Time Management - Teamwork - Problem-Solving Abilities	Hands-on clinical training in state-of-the-art labs
Year 3	- Analytical Biochemistry - Applied Pathobiology - Immunohematology & Transfusion Medicine	- Leadership Skills - Emotional Intelligence - Stress Management - Quality Consciousness	Regular visits to hospitals for practical industry exposure
Year 4	Internship at India's Leading Healthcare Organisations	Work at places like: - Diagnostic Laboratories - Multispeciality Hospitals	- Forensic Labs - Medical Research Companies

University Program Structure

	Core Concepts	Soft Skills	Industry Exposure
Year 1	- Human Anatomy - Human Physiology - Basics of Radiation Physics - Conventional Radiography and Equipment	- Basic Grammar - Communication Fundamentals - Personal Hygiene and Grooming - Professional Behaviour Basics	Expert sessions and masterclasses by leading healthcare professionals
Year 2	- Radiography & Image Processing Techniques - Clinical Radiography Positioning - Patient Care in Radiology	- Professional Communication Skills - Time Management - Teamwork - Problem-Solving Abilities	Hands-on clinical training in state-of-the-art labs
Year 3	- Basics Techniques in CT & MRI Technology - Ultrasound Techniques - Quality Assurance in Diagnostic Radiology	- Leadership Skills - Emotional Intelligence - Stress Management - Quality Consciousness	Regular visits to hospitals for practical industry exposure
Year 4	Internship at India's Leading Healthcare Organisations	Work at places like: - Dental Imaging Clinics - Multispeciality Hospitals	- Trauma Care Department - Imaging & Diagnostic Labs

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One Program Many Workplaces

Each allied & healthcare program opens up a wide range of career paths. From labs and clinics to startups and research centres, our candidates find meaningful roles across many industries and workplaces — depending on their interests and strengths.



Optometry Workplaces

- Optical Retail Chains
- Tele-optometry Services
- School Eye Health Programs
- Eye Hospitals and Vision Clinics
- Pediatric and Geriatric Care Units
- Vision Research and Innovation Labs, etc.



Anaesthesia & Operation Theatre Technology Workplaces

- Derma and Dental Clinics
- Surgical Units in Hospitals
- Day Care and Ambulatory Centres
- Emergency and Trauma Care Units
- Medical Equipment and Device Industry
- Endoscopy and Minimally Invasive Procedure Units, etc.



Medical Laboratory Science Workplaces

- Diagnostic and Pathology Labs
- Forensic Science and Crime Labs
- Research and Academic Institutions
- Blood Banks and Transfusion Centres
- Pharmaceutical and Biotech Companies
- Quality Testing and Infection Control Labs, etc.



Physiotherapy Workplaces

- Wellness Centres
- Palliative Care Units
- Rehabilitation Centres
- Multi-specialty Hospitals
- Assisted Living Facilities
- Orthopaedic and Sports Injury Clinics, etc.

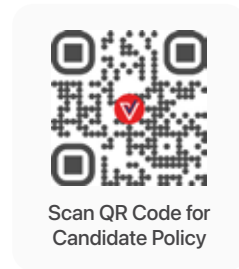


Medical Radiology & Imaging Technology Workplaces

- Dental Imaging Clinics
- Medical Imaging Tech Firms
- Imaging and Diagnostic Centres
- Research Labs in Medical Imaging
- Trauma and Emergency Departments Control Labs
- Teleradiology and Remote Diagnostics Companies, etc.

FAQs: What to Know

Excelling in a career requires consistent effort, commitment, and a willingness to learn. Aspirants must take an active role in their growth to make the most of the opportunities provided.



Admission and Batches

- Virohan facilitates the admission process into the HEI but does not play any role in granting admission. The final decision rests solely with the HEI, which also reserves the right to change its admission policy and cancel admission at any stage.
- Incomplete documentation for admission may lead to admission being cancelled.

Education, Exams and Degree Completion

- All education-related formalities (e.g. time table, academic calendar, delivery of lectures etc) fall under the scope of the HEI;
- All examination-related formalities (e.g., date sheets, admit cards) fall under the scope of the HEI. Virohan does not issue date sheets, admit cards etc.
- Completion of Award (Certificate/ Diploma/ Degree) is not guaranteed - it depends on
 - » Meeting minimum attendance and exam requirements
 - » Completing coursework, practical training and internship
 - » Performance, commitment, and self-motivation of the candidate, etc.
- Virohan has no involvement in the final decision taken by the HEI for award of its qualifications to the candidate (certificate, diploma, degree etc.)

Internship

- Internships are facilitated, not guaranteed - candidate selection by employer depends on industry demand and candidate performance.
- Stipends are not assured. Employers decide the amount, if any, based on skills and role.
- Internship locations can be anywhere in India or abroad. Candidates must be prepared to relocate (at their own cost), if required.
- Candidates must follow all workplace policies, including attendance, professionalism and performance standards.
- Workplace policies are set by employers. Virohan has no say in the employers' internal matters.

Job

- Jobs are not guaranteed. Candidates must actively apply & attend interviews during the 60 days of support provided by Virohan.
- Job opportunities can be anywhere in India or abroad. Candidates must be prepared to relocate (at their own cost), if required.
- Eligibility for any public sector employment is not guaranteed. Eligibility criteria for public sector employment is set at the sole discretion of the competent authority and Virohan has no say over the same.

Limited Scope

- Virohan Private Limited ("Virohan") is an approved training partner of the National Skill Development Corporation ("NSDC") and works with Higher Education Institutions ("HEIs") as an industry partner for delivery of skill-oriented, NSQF-aligned training as part of the education curriculum. Virohan is an independent organization and does not act as the agent, representative, franchisee, admission office or authorised signatory of any HEI. Please note:

Virohan is only an industry skilling & training partner and:

- » is **not** the admitting institution or HEI or a recognized Allied and Healthcare Institution under the NCAHP Act, 2021;
- » does **not** control academic calendar, curriculum, admission criteria, intake cycles etc;
- » does **not** conduct or control HEIs examinations;
- » does **not** issue date sheets, exam results, mark sheets, transcripts, or diplomas/ degrees;
- » does **not** control the nomenclature of the qualification awarded by the Partner HEI; and
- » does **not** maintain the official academic records of candidates.

Any approval by NSDC to Virohan:

- » does **not** make it an admitting institution or HEI or a recognised Allied and Healthcare Institution under the NCAHP Act, 2021;
- » does **not** confer diploma/ degree-awarding powers,
- » does **not** make any certificates issued as an NSDC Training Partner, a diploma/ degree;
- » does **not** constitute recognition under UGC or NCAHP act and
- » does **not** imply regulatory approval of any diploma/ degree or university program.

Legal Disclosures for Aspirants

- You must mandatorily read the entire Legal Disclosures section and all policies available on Virohan's website <https://www.virohan.com/> ("Website") before applying for the program. Upon joining the program, you accept that you have carefully read, understood and accepted the same.
- Post joining the program, you are mandatorily required to digitally accept the Candidate Policy and any of its amendments in the future. The terms of this Candidate Policy incorporate by reference, the Legal Disclosures and other policies issued by Virohan. Candidates are advised to review these Legal Disclosures periodically for updates. Any subsequent change in such Legal disclosures and/ or other policies is deemed to be accepted by you.
- All sections of the Legal Disclosures and the Candidate Policy are to be read harmoniously and shall be binding on all candidates.
- This Brochure and the accompanying FAQs were last updated on 1st January 2026. Aspirants are advised to review the complete and latest 'Legal Disclosures' and 'Policies and more' sections available Website before applying. In the event of any inconsistency or conflict between this Brochure and the Website, the relevant information on the Website shall prevail.

Undergraduate Programs & Pricing

	4-Year Degree	5-Year Degree
Registration Fee	₹10,000	₹10,000
Program Fee	₹8,60,000	₹12,40,000
Year 1	₹31,667 x12	₹31,667 x12
Year 2	₹31,667 x12	₹31,667 x12
Year 3	₹7,500 x12	₹31,667 x12
Year 4	₹10,000	₹7,500 x12
Year 5		₹10,000

Any fee paid shall be **non-refundable**, subject to the applicable university refund policies.

Contact Us:

+91 78 2727 6767

counselling@virohan.org

virohan.com

Opposite CMR National Public School,
HRBR Layout 3rd Block, Keshava Nagar,
Kacharakanahalli, Bengaluru 560043



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