



KIMS Advanced Training Skull Base & Cerebrovascular Neurosurgery

**Comprehensive Mastery: Complex, Cranial Micro Surgery,
Skull Base Approaches & Cerebrovascular Procedures**

Who Should Attend: Neurosurgeons (Post-Residency/Early Career) seeking immersive experience and active learning opportunities in advanced skull base and cerebrovascular techniques under expert mentorship.

Location: KIMS Hospitals, Secunderabad, Hyderabad, India.

Core Curriculum

Clinical Foundations

- **Skullbase:**
 - **Schwannoma:** Detailed management of Trigeminal, Vestibular, Jugular, and Frontal variants.
 - **Meningiomas:** Strategic planning and execution for Petroclival and Foramen Magnum meningiomas.
 - **Epidermoids:** Diagnostic and clinical management.
- **Cerebrovascular:**
 - Comprehensive clinical / surgical analysis of Aneurysms, AVMs, Moya Moya disease, and Ischemic Strokes.



Surgical Mastery

- **Pre-Surgical Planning:** Advanced pre-planning imaging for complex cranial access.
- **Surgical Approaches:**
 - **Anterior & Lateral:** Pre-temporal, Sub-temporal, and Intradural Anterior Petrosectomy.
 - **Posterior & Complex:** Posterior Petrosectomy, Far Lateral, Retrosigmoid, and Pre-sigmoid approaches.
 - **Specialized:** Cranio-cervical and Combined Supratentorial approaches.
- **Cerebrovascular Interventions:**
 - **Aneurysm Management:** Clipping and Trapping techniques.
 - **Revascularization:** Surgical flow diversion, STA-MCA bypass, and EC-IC bypass.
 - **Excision:** Precision AVM excision.

Selection Criteria & Requirements

Standard Requirements

- MCh/DNB in Neurosurgery (or international equivalent) from a recognized institution
- Valid medical registration to practice in India (for hands-on components)

Track-Specific Preferences

- Demonstrated interest in epilepsy or movement disorders through research or clinical rotations
- Basic understanding of EEG and stereotactic principles is highly preferred

Graduate Profile & Learning Outcomes

Fellows will be uniquely capable of building a comprehensive functional neurosurgery program, offering a full spectrum of surgical and incisionless solutions.

Technology Stack

Skullbase Neurosurgery



Navigation & Planning: Medtronic StealthStation S8 & Brainlab Planning Station for precise trajectory execution.



Intra-op Neuro monitoring: IONM.



Stereotactic Systems: Leksell Vantage & CRW Stereotactic Frames for high-precision procedures.



Neuroendoscopy: Basic (Minop and Minop Invent) and Advance.



Gamma Knife Radio Surgery: Leksell E-sprit.



Surgical Visualization: Aesculap Aeos Exoscope and high-end Microscopes for intricate resections.

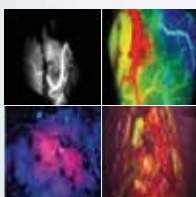
Cerebrovascular Neurosurgery



Intra-op Doppler BK Ultrasound



Micro Vascular Anatomosis



Fluorescence Imaging



Endarterectomy

Faculty

- **Primary Mentor:**

Dr. Manas Panigrahi, M.Ch., FACS

Consultant Neurosurgeon

Chair, Dept. of Neurosurgery

Krishna Institute of Medical Sciences

Ex Prof, Nizam's Institute Of Medical Sciences

President, Cerebrovascular Society of India

President Elect, Neurological Society of India

President, Skullbase Surgery Society of India (2022-23)

President, Neuroendoscopic Society of India (2021-22)

Member, WFNS Education Committee

Fellow, Skullbase and Cerebrovascular Surgery (WSU, USA)

Hyderabad, India.

- **Supporting Faculty:**

KIMS Neurosurgery Consultants.

Our Team of Neuroscience Surgeons



Dr. Manas Kumar Panigrahi

HOD & Sr. Consultant Neurosurgery



Dr. Sujit Kumar .V

Consultant Neuro & Spine Surgeon



Dr. R. Chandrasekhar Naidu

Consultant Neuro & Spine Surgeon



Dr. Swetha Pendyala

Consultant Neurosurgeon



Dr. Gopala Krishna Gorrepati

Consultant Neurosurgeon



Dr. C.V.S. Dasaradhi

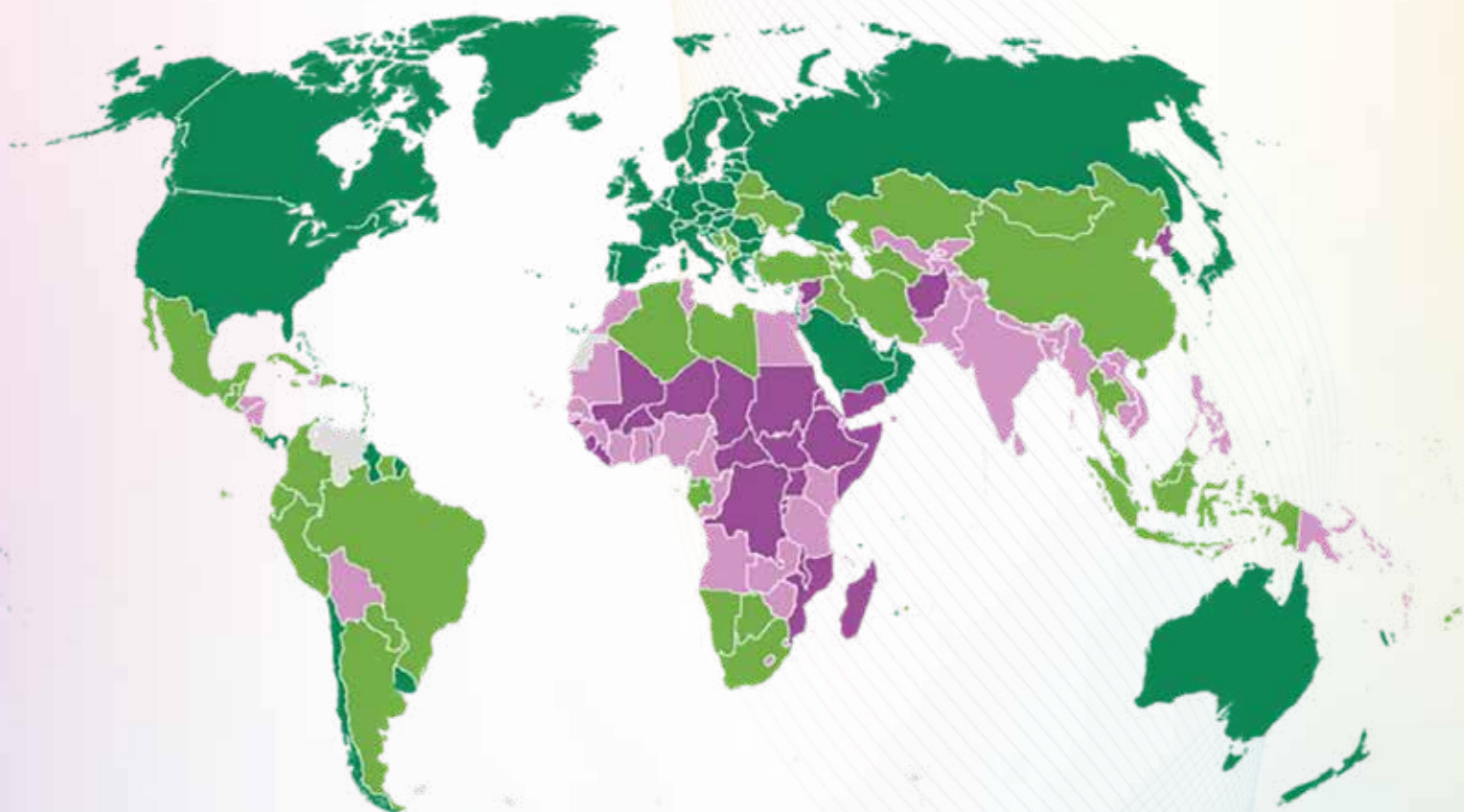
Consultant Neurosurgeon

General Terms & Conditions

- **Scope of Practice:** The 1-month/3-month fellowships offer "Observational" or "Hands-on Participation" tracks. All "Hands-on Participation" is strictly supervised, limited, and at the discretion of the Program Director and KIMS hospital policy. Fellows will not have independent surgical privileges
- **Fees & Stipend:**
 - All fellowship fees (1-Month, 3-Months) are non-refundable and must be paid in full prior to commencement
 - **No stipend** or remuneration is provided for the 1-Month and 3-Month fellowship tracks
 - The 1-Year Long-Term Fellowship provides a monthly stipend
- **Logistics & Accommodation:** All program fees exclude travel, visa, accommodation (lodging), and food. Fellows are responsible for their own arrangements. The program coordinator can provide a list of local, suggested options for lodging
- **Credentialing & Documentation:** All selected fellows (especially for hands-on tracks) must successfully complete the KIMS Hospital credentialing process, which includes submitting a CV, medical/neurosurgical degrees, and valid medical registration. KIMS reserves the right to deny participation based on this review
- **Confidentiality:** Fellows must sign a non-disclosure agreement and adhere strictly to all hospital policies regarding patient confidentiality and data privacy
- **Code of Conduct:** All fellows are expected to maintain the highest standards of professionalism and adhere to the KIMS Hospital code of conduct. The academy reserves the right to terminate any fellowship without a refund for misconduct or non-compliance
- **Certificate:** A certificate of completion is awarded only upon the satisfactory completion of the fellowship, based on attendance and faculty evaluation

The Observership Built for all

Gain hands-on experience and a global clinical perspective through our observership program, designed to foster collaboration and offer equitable access across countries of all income levels, with fee structures aligned to each income category (High, Upper Middle, Lower Middle, and Low Income).



Income Level ■ High Income ■ Upper-middle Income ■ Lower-middle Income ■ Low Income

Program Options

Choose the intensity and duration that fits your career goals.

High Income (Full Fee)		
1 Month Intensive Exposure OBSERVATIONAL ₹90,000 HANDS-ON PARTICIPATION ₹1,20,000 Includes ₹30,000 registration fee (non-discountable).	3 Months Extended Clinical Rotation OBSERVATIONAL ₹1,50,000 HANDS-ON PARTICIPATION ₹1,80,000 Includes ₹30,000 registration fee (non-discountable).	1 Year Full Clinical Immersion Stipend Provided (~\$1200 USD) / Month
Upper Middle Income (25% Off)		
1 Month Intensive Exposure OBSERVATIONAL ₹90,000 ₹67,500 HANDS-ON PARTICIPATION ₹1,20,000 ₹97,500 Includes ₹30,000 registration fee (non-discountable).	3 Months Extended Clinical Rotation OBSERVATIONAL ₹1,50,000 ₹1,12,500 HANDS-ON PARTICIPATION ₹1,80,000 ₹1,42,500 Includes ₹30,000 registration fee (non-discountable).	1 Year Full Clinical Immersion Stipend Provided (~\$1200 USD) / Month
Lower Middle Income (50% Off)		
1 Month Intensive Exposure OBSERVATIONAL ₹90,000 ₹45,000 HANDS-ON PARTICIPATION ₹1,20,000 ₹75,000 Includes ₹30,000 registration fee (non-discountable).	3 Months Extended Clinical Rotation OBSERVATIONAL ₹1,50,000 ₹75,000 HANDS-ON PARTICIPATION ₹1,80,000 ₹1,05,000 Includes ₹30,000 registration fee (non-discountable).	1 Year Full Clinical Immersion Stipend Provided (~\$1200 USD) / Month
Low Income (50% Off)		
1 Month Intensive Exposure OBSERVATIONAL ₹90,000 ₹45,000 HANDS-ON PARTICIPATION ₹1,20,000 ₹75,000 Includes ₹30,000 registration fee (non-discountable).	3 Months Extended Clinical Rotation OBSERVATIONAL ₹1,50,000 ₹75,000 HANDS-ON PARTICIPATION ₹1,80,000 ₹1,05,000 Includes ₹30,000 registration fee (non-discountable).	1 Year Full Clinical Immersion Stipend Provided (~\$1200 USD) / Month

This fee includes the program tuition and the mandatory licensing/credentialing processing required for program participation.

Application & Inquiries

Limited positions available. Selection is based on qualifications, experience, and suitability for the program.

- **To Apply:** Please email your detailed Curriculum Vitae (CV) to:
manasp1966@gmail.com
- **Email Subject Line:** Application for Functional Neurosurgery Fellowship Training
- **Further Information:** **paresh.d@kimshospitals.com** | **+91 97032 05290**



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