

# Dr. TIRUCHY NARAYANAN JANAKIRAM

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## ❖ VISION

My humble beginnings from Tiruchirappalli to a worldwide renowned surgeon were inspirited by my educator father and cancer survivor mother.

My vision is to create an example that small districts in India can be pioneers of health care with world-class expertise and global acknowledgement. In my endeavours to put Indian Medical Education on the global outline, I am committed to providing creditworthy education in Otorhinolaryngology and Advanced sinus and skull base surgeries in over 40 countries.

My hospital has steadily gained a reputation nationally and internationally, and, earned the trust of the innumerable ailing, who walk in with confidence and faith. The hospital is engaged in an untiring and ceaseless endeavour to serve the people of India and Abroad.

I have been associated with the health welfare activities of the Tamil Nadu State Government for the last several years. I have a keen interest in service to the community by providing both free and affordable treatment and surgical expertise.

### **EDUCATION**

- Madras Medical College; Chennai; Tamil Nadu M.B.B.S. 1985 1990
- Madras Medical College; Chennai; Tamil Nadu D.L.O., 1992 1994
- Madras Medical College; Chennai; Tamil Nadu M.S., 1995 1998

## **+ HONORS AND AWARDS**

- 1984 State Ranker in Senior Secondary Exams
- 1994 Best Diploma Student Award, M.M.C.
- 1998 Best M.S. Student Award, M.M.C.
- 2008 Young Indian Scientist Award Chief Justice
- 2010 Best Practicing Doctor Award Tamil Nadu State
- 2011 Award Of Excellence Tanzania
- Won First Prize In Quiz In London Rhinology Conference

## **HIGHLIGHTS**

- Managing Director and Chief Consultant, Royal Pearl Hospital, Trichy, Tamil Nadu, India
- Recognised for surgical skills in Otorhinolaryngology and Skull base Surgery worldwide
- International Pioneer in Endoscopic Management of Extensive Sinonasal and Skull Base Tumours
- Acknowledged for commitment in Otorhinolaryngology by Tamil Nadu Government in 2010
- International and National faculty in Skull Base Conferences
- Conducted 1000 free medical camps, KKT health care scheme, State Cochlear Implant Programme, Covid Pandemic and Advanced Treatment for Mucormycosis epidemic in association with Tamil Nadu Government
- Invited Visiting Consultant and Operating Faculty in 15 countries
- Author of "First Exclusive International Book" on a male predominant complex vascular tumour in Indian Population "Juvenile Nasopharyngeal Angiofibroma"
- Author in international and national books and journals providing a creditworthy contribution to medical education in India and Abroad
- Training Chief of Neuroendoscopy Division Karl Storz Asia Pacific Division
- Commitment for progressive global medical education with integration of advanced multimedia technology was awarded by 17th Middle East Academy of Otorhinolaryngology - Heinz Stammberger Award for Excellence in Teaching 2022"

## **\*** ACADEMIC

- World-class Specialised Otorhinolaryngology and Advanced Skull base surgeries provided to Indian population at District Level Of Tamil Nadu
- Employs State-Of-The-Art technology to perform minimally invasive procedures on complex and advanced sinonasal and skull base tumours
- Pioneering research on new concepts, classifications and techniques in Endoscopic Sinus and Skull Base Surgery
- Indian perspective published in Peer-reviewed Journals and authored several chapters and books at national and international levels
- Key presenter at Otorhinolaryngology and Endoscopic Advanced Management of Sinonasal and Skull base tutors in conferences worldwide and participated in numerous forums Internationally

## \* SOCIAL

- Royal Pearl Hospital has undertaken a major initiative of organizing free health check camps medical camps providing free medical advice, and medicine to the unfortunate people and referring them for specialized treatment or surgery whenever it is required.
- 1000 free medical camps have been conducted to provide free check-up and medications in various villages, schools and towns of Tamil Nadu
- Free surgical procedures including tonsillectomy, sinus surgeries, thyroid surgeries, parotid surgeries, head and neck cancer surgeries, mastoid surgeries and many others with advanced instruments and International standard of care
- First hospital in Tamil Nadu to provide Advanced Skull Base Surgery to patients nationally and internationally
- **First** hospital to perform **Cochlear Implant Surgery** at district Tiruchirappalli for all sections of society.
- First hospital to perform Barbed wire palatoplasty surgery in India.
- First hospital to provide affordable Laser and Micro-laryngeal Surgeries in Tamil Nadu
- First hospital to provide affordable Sleep Apnea Surgery in Tamil Nadu.

• First hospital to provide Coblation and Septorhinoplasty surgeries in Tiruchirappalli

## **\*** MEDICAL EDUCATION

- Operating Faculty in National and International hospitals in countries like Kuwait, Vietnam, Malaysia, Uzbekistan, Bangladesh, Philippines, Russia, Germany, Bahrain, Egypt, Senegal, Srilanka, Maldives and Tanzania.
- Dedicated YOUTUBE channel **ENT ENCYCLOPAEDIA** for easy free assess to challenging surgical cases
- Author of First OTORHINOLARYNGOLOGY BOOK translated to the Chinese language
- Free Online platforms dedicated to the education of National and International postgraduate students in basic otorhinolaryngology provided by pioneers of the field
- Webinars are provided through various social media and online platforms to worldwide students on all aspects of otolaryngology, head and neck surgery and endoscopic skull base surgery.

## **FELLOWSHIPS**

- Visiting Fellow, 1997 Dr D.S. Sethi, Professor Singapore General Hospital Endoscopic Sinus Surgery
- Visiting Fellow, 1998 Dr Milind Kirtane, Professor, KEM Hospital, Endoscopic Sinus Surgery
- Visiting Fellow, 1998 Dr Sultan Pradan, Professor, Tata Memorial Hospital, Hands-on Head and Neck Surgeries
- Visiting Fellow,1999- Dr Wigand, Professor Emeritus, Department of Otorhinolaryngology, University of Erlangen-Nuremberg, Erlangen, Germany Frontal Sinus Surgery
- Visiting Fellow, 1999 Professor Stammberger Endoscopic sinus Training Medical University of Graz, Germany
- Visiting Fellow, 2000 Hands-on Course on Lasers, Stuttgart, Germany
- Visiting Fellow, 2001-Cochlear Implants Advanced Course Dr Graeme Clark,
   University of Melbourne, Australia
- Visiting Fellow, 2002 Cochlear Implants Advanced course, Dr Graeme Clark,

University of Melbourne, Australia

Visiting Fellow, 2007-2013 - Expanded endoscopic skull base surgery
 Dr Amin Kassam, Assistant Professor, Neurosurgery, University of Pittsburg
 Dr Ricardo Carrau, Professor, Department of Otorhinolaryngology,
 University Of Pittsburg

# **♦ PRESENT POSITION**

Managing Director

Chief Consultant

Royal Pearl Hospital, Thillai Nagar,

Tiruchirappalli, Tamil Nadu, India

## **PROFESSIONAL POSITIONS**

- Visiting Consultant, Department of Otorhinolaryngology, ADK Hospital, Maldives 2000-2001
- Visiting Consultant, Department of Otorhinolaryngology, Delmon Hospital, Colombo,
   Sri Lanka 2001-2002
- Visiting Consultant, Department of Otorhinolaryngology, Mohibili Hospital, Tanzania
   2012 -2013
- Visiting Consultant, Department of Otorhinolaryngology, Military Hospital, Ghamara,
   Egypt 2010 -2015
- Visiting Consultant, Department of Otorhinolaryngology, Military Hospital, Bahrain 2012 -2013
- Visiting Consultant, Department of Otorhinolaryngology, Military Hospital, Banha,
   Egypt 2012 -2013
- Operating and Teaching Faculty, Department of Otorhinolaryngology, IRDC, Germany 2010-Present
- Operating and Teaching Faculty, Department of Neurosurgery, UKMC University,
   Malaysia 2014 Present
- Operating and Teaching Faculty, Department of Neurosurgery, Bangladesh University,
   2014 Present
- Operating and Teaching Faculty, Department of Neurosurgery, VSSMC Hospital Philippines University, 2014 - Present
- Visiting Consultant, Department of Otorhinolaryngology, Zain Hospital, Kuwait 2018
   till present
- Operating and Teaching Faculty, Department of Neurosurgery Viet Duc Hospital,
   Vietnam 2016 till present
- Honourable member of the Editorial Advisory board for ENT and SKULL BASE SURGERY at Thieme medical and scientific publisher private Limited, India

## **PROFESSIONAL MEMBERSHIP**

- Life Member of the Association of Otolaryngologists of India
- Life Member of Indian Medical Association
- Life Member of Rhinology Society of India
- Life Member of Skull Base Society Of India
- Life Member of Bangladesh Society Of Neurosurgeons
- Life Member of Philippines Society Of Neurosurgeons

## **BOOKS AND CHAPTERS**

- Authored a book on "Navigation and Ventral Skull Base" Published By Karl Storz.
- "First Exclusive Book" "Juvenile Nasopharyngeal Angiofibroma" Thieme
   Medical Publications, India, 2017
- "Step-By-Step Approach to Endoscopic Cadaveric Dissection
   Paranasal Sinuses and the Ventral Skull Base" Thieme Publications, India 2018
- "Atlas of Sellar, Suprasellar, and Parasellar Lesions, Thieme Publications, 2019
- A chapter on "Endoscopic management of JNA" in PEDIATRIC ENDOSCOPIC ENDONASAL SKULL BASE SURGERY in Thieme Publications, USA 2020 authored by Dr Harminder Singh, Jeffery P.Greenfield, Dr Vijay Anand and Theodore Schwartz.
- Authored Chapters "Endoscopic Targeted Approach to JNA based on a New classification system" and "Do's and Don'ts in Pituitary Surgery" in TRANSNASAL ENDOSCOPIC SKULL BASE AND BRAIN SURGERY 2nd Edition, 2019 authored by Dr Aldo C. Stamm.
- Authored Chapters in Current and Advanced Neurosurgical Concepts and Techniques, Vol. I: Complex Brain Tumors and Vascular Lesions - "Endoscopic management of JNA" and "Endoscopic Perspective in Management of Sellar and

 Authored chapter on "Endoscopic Management of CSF Rhinorrhea" in "Operative Atlas of Neuroendoscopic Surgery" in Salubris Medical Publishers,2020

#### **PUBLICATIONS - National and International**

- Endoscopic Management of a Mucopyocele in an uncommon site. JanakiramTN, SubramaniamV, HanishHaneefa, Karthikprasad S National Journal of Otorhinolaryngology and Head & Neck Surgery, Vol. 3(12) No. 1, April 2015
- Non-specific abscess of the pituitary gland mimicking a pituitary adenoma.
   JanakiramTN, Subramaniam, Samdani NA, HanishHaneefa, Shilpee Bhatia National
   Journal of Otorhinolaryngology and Head & Neck Surgery, Vol. 3(12) No. 1, April 2015
- Primary Extracranial Meningioma: The Royal Pearl Experience. Janakiram TN, Parekh P, Subramaniam V. Indian J Otolaryngol Head Neck Surg. 2015 Jun;67(2):120-3.
- Endoscopic Endonasal Repair of Sphenoid Sinus Cerebrospinal Fluid Leaks: Our Experience. Janakiram TN et al. Indian J Otolaryngol Head Neck Surg. (2015)
- A modified approach to powered endoscopic dacryocystorhinostomy N Janakiram,
   NSuri, S B Sharma J Laryngol Otol. 2016 Mar;130(3):261-4
- Primary Mucoepidermoid Carcinoma of the Lacrimal Sac a Case Report and Literature Review.Janakiram TN, Sagar S, Sharma SB, Subramaniam V.KlinOnkol. 2016;29(4):291-4.
- Endoscopic Excision of Non-embolized Juvenile Nasopharyngeal Angiofibroma: Our Technique.Janakiram TN, Sharma SB, PanickerVB.Indian J Otolaryngol Head Neck Surg. 2016 Sep;68(3):263-9

- A Drastic Aftermath of Embolisation in Juvenile Nasopharyngeal Angiofibroma
   Narayanan Janakiram, Shilpee Bhatia Sharma, VidyaBhargavan, Panicker, C. V. Srinivas
   Indian Journal of Otolaryngology and Head & Neck SurgeryDecember 2016, Volume

   68, Issue 4, pp 540–545
- Imaging in Juvenile Nasopharyngeal Angiofibroma: Clinical Significance of Ramharan and Chopstick Sign. Janakiram TN, Sharma SB, Samavedam UC, Deshmukh O, RajalingamB. Indian J Otolaryngol Head Neck Surg. 2017 Mar;69(1):81-87
- Trigeminocardiac reflex during endoscopic juvenile nasopharyngeal angiofibroma surgery: an appraisal.Sharma SB, Janakiram TN, Baxi H, Chinnasamy B.EurArchOtorhinolaryngol. 2017 Jul;274(7):2779-2784
- Comprehensive preoperative staging system for endoscopic single and multicorridor approaches to juvenile nasal angiofibroma. Janakiram TN, Sharma SB, Kasper E, Deshmukh O, Cherian ISurgNeurol Int. 2017 Apr 26;8:55
- Multiport Combined Endoscopic Approach to Nonembolized Juvenile Nasopharyngeal Angiofibroma with Parapharyngeal Extension: An Emerging Concept. Janakiram TN, Bhatia Sharma S, NahataGattaniV.Int J Otolaryngol. 2016;2016:4203160.
- Migration of metallic wire foreign body slicked and instilled into the lower part of hypopharynx to the neck - a rare case report JOENTR May 2018.
- Modified endoscopic septoplasty: a novel technique" JOENTR Volume 10 Issue 4 -2018.
- AlQahtani A, London NR, Castelnuovo P, et al. Assessment of Factors Associated With Internal Carotid Injury in Expanded Endoscopic Endonasal Skull Base Surgery. JAMA Otolaryngol Head Neck Surg. 2020;146(4):364–372. doi:10.1001/jamaoto.2019.4864
- Janakiram TN, Nadakkavukaran J, Bhatia Sharma S, Sathyanarayanan JD. A Hybrid Approach Towards Successful Resection of a Huge Carotid Body Paraganglioma Using Coil Embolization and Traditional Surgical Techniques. Indian J Otolaryngol Head Neck

Surg. 2019 Mar;71(1):136-139. DOI: 10.1007/s12070-018-1516-z. Epub 2018 Nov 8. PMID: 30906731; PMCID: PMC6401046.

 Janakiram TN, Karunasagar A. Sphenoid Mucocele: A Complication of Skull Base Reconstruction with Nasoseptal Flap-A Critical Review and Our Experience. Indian J Otolaryngol Head Neck Surg. 2019 Nov;71(Suppl 3):2151-2156. DOI: 10.1007/ s12070-019-01713-y. Epub 2019 Jul 26. PMID: 31763313; PMCID: PMC6848600.

## **LIVE SURGICAL DEMONSTRATIONS, SEMINARS AND CONFERENCES**

### **>** 1998

• Participated in ROCKENT - 98 Conference organised on 26th and 27th September in Tiruchirappalli

### **>**2000

- Presented Paper on Fungal Sinusitis in the IV Tamil Nadu State Annual conference in Erode on 16th to 17th September 2000
- Participated in 4th Surgical Rhinoplasty A.J.B Municipal E.N.T Hospital, Mumbai from 12 to 15th November 2000

#### >2001

• Participated in Temporal Bone Workshop in Basavanagudi E.N.T. Care Bangalore between 23rd to 25 February 2001

### **>**2002

- Participated in Live Phonosurgery Workshop, Apollo Hospital, Chennai
- Participated in Hands-on Cadaver Dissection and Live Endoscopic, MMC Chennai
- Participated in Advanced Endoscopic Surgery Workshop in Jaslok Hospital, Bombay

### **>**2003

 Participated in 12th Functional Endoscopic Sinus Surgery on August 20th -23th Faculty - Dr H R Stammberger in Hinduja Hospital, Bombay

### > 2004

• Participated in Annual Meeting of American Academy of Otolaryngology, Head and Neck Surgery Foundation, Inc. on Sept 19-22,2004 in New York, USA

 Participated in Live Head and Neck, Ear Workshop - Basic & Advanced on June 23 rd - 24th, 2006

#### > 2007

• Operating faculty in Surgical Demonstration on "Functional Endoscopic Sinus Surgery" in 12th workshop on Advanced techniques on 13th &14th October 2007.

#### > 2008

• Faculty in KENTCON -2008 organized in Kollam on 4th to 5th October

#### > 2009

- Participated in Endoscopic approach to Rhinosinusitis on 7th 10 th October
- Participated in Functional Endoscopic Sinus Techniques and Endoscopic Rhino-Neurosurgery on 3rd - 4th September 2009 in Austrian Society of ORL

- Live Surgical Demonstration on "Fungal Sinus Surgery" in FESSCON 2010, 29th January 2010 in Guwahati.
- Invited Guest Faculty and Chaired a Session on "Fungal sinus surgery" in Fesscon 2010 on 29th To 31st January 2010 in Guwahati
- Live Surgical Demonstration On "Endoscopic Repair Of CSF Leak Endo Orl & HNS April 2010, Krishna Hospital, Chennai
- 2010 Krishna Panelist and Chaired a Session during Endo ORL & HNS Krishna Hospital April 2010
- Faculty in Hands-on Cadaver Fess and Temporal Bone Workshop and Live SURGICAL WORKSHOP IN Madras Medical College, Chennai on June 11 and 12, 2010
- Moderator for the BK Ojha Memorial panel discussion on 10th of September in 23rd All India Rhinology Society Meet in Udaipur.
- Moderate a panel discussion on Sinusitis Current concepts and Management on the 10th September 2010 and demonstrated in Live Operative Session and Cadaver Dissection Course on 23rd All India Rhinology Society Meet in Udaipur
- Invited as Guest Faculty to Kenton 2010 Kerala AOI Conference an 18 to 19
   September 2010 in Kollam

 Endonasal Live Surgical And Cadaveric Demonstration Workshop at SMT NHL Municipal Medical College and Seth VS General Hospital in Ahmedabad on 25th & 26th December 2010.

#### >2011

- Invited Faculty for presentation on Frontal Sinus Surgery in 63rd AOICON, Tamilnadu from 6-9 January
- International Faculty on Endoscopic Anterior Skull Base Surgery in ENT-AAS-Training Course, Module FESS & Frontal Skull Base, January 19th-21st Leipzig Germany
- Invited as a Guest Faculty and Chaired a Session on "Functional endoscopic sinus surgery" in Nanavati Hospital, Bombay on 4th-6th February.
- Invited Faculty in 17 Fess Workshop in Hyderabad on 11th to 13th February
- E-Boss 2011 on August 19th To 21th, Trichy.
- Live Surgical Demonstration on "Functional endoscopic sinus surgery" E-Boss 2011 on August 19th To 21th Trichy.
- Invited faculty in fess2011 on 24th to 25th September at Rajkot
- Invited as Operating Faculty in FESS Workshop held from 28th-30th Sept, 2011 in Muhimbili National Hospital, Tanzania
- International Workshop On Endoscopic Endonasal Skull Base Surgery and Sialendoscopy on 25th October, in 2011 Trichy
- Live Surgical Demonstration On Ent Surgical Workshop An Update Held At PGIMER Chandigarh on 2th & 4th September 2011

#### ≥2012

- International Faculty on Endoscopic Anterior Skull Base Surgery in ENT-AAS-Training Course, Module FESS & Frontal Skull Base, January 19th-21st Leipzig Germany
- Invited Faculty in "Ear & Sinus Surgery Workshop 2012" held in Vasanth Rao and Indorewala Hospital in Nashik on 23rd to 26 th February 2012
- Operative Faculty for FESS surgery in "ENT Live 2012" in Medanta, Gurgaon, Haryana
- Live Surgical Demonstration on "Functional Endoscopic Sinus Surgery Hands-On

Workshop a Fess &Rhinoplasty held on 26th-28th Oct 2012 in Sri Aurobindo Institute / Invited as Guest Faculty and delivered Guest lecture on "Frontal endoscopic sinus surgery" in Hands-On Workshop Fess &Rhinoplasty held On 26th-28th Oct 2012. Sri Aurobindo Institute, Gujarat

- Invited as a Guest Lecture on "Endoscopic Approach to Skull Base on 29th 30th June 2012 in AOI, Indore branch Live Skull-Base Surgery
- Surgical Demonstration on "Functional Endoscopic Sinus Surgery" Endoscopic Sinus Skull-Base surgery 26th to 28th October 2012, AOI Indore
- Invited to Chair session on FESS in 30th AOIKCON, Vydehi Institute of Medical Sciences, Whitefield, Bangalore on 14th to 16th September 2012
- Invited as an Operating Faculty in Live Surgical Demonstration On FESS at All India Rhinology Society held on 16th to 18th in Indian Habitat Center, New Delhi
- Invited as a Speaker in 5th UMMC Endoscopic Sinus Surgery Course ON 1st & 2nd JULY 2012in Kuala Lumpur, Malaysia.
- Invited Faculty in 1st Egypt Training Program for ENT Surgeons in Banha University, ENTPCS, Egypt

## <u>≥2013</u>

- Participant in Live Endoscopic Skull Base Workshop in Meenakshi Medical College, Madurai on January 7-9, 2013
- Operating faculty and Keynote Speaker in ENT Department of Benha University,
   Egypt on 9-12th February on Endoscopic and Skull Base Surgery
- Cadaveric Dissection workshop on 22nd February at Shree Krishna Hospital,
   Karamsad, Gujarat
- Operating Faculty in Gurgaon ENT Update 2013 organised by Paras Hospital,
   Gurgaon on March 30 & 31, 2013
- Guest Faculty on Endoscopic Skull Base Surgery in SINOCON KMC 2013 conducted in Kasturba Medical College, Mangalore on 12th and 13th April, 2013
- Faculty in Cadaveric Skull Base Dissection Workshop in AOI Malabar Branch,
   Calicut on 11th and 12th May 2013
- Guest Speaker and Endoscopic Cadaver Dissection Skull Base Surgery in 26th National Conference Pakistan Society of Neurosurgeon held on 29th to 30th, 2013 in Karachi, Pakistan
- Keynote Speaker on Endoscopic Skull Base Surgery in MENTCON 2013 on 13 to

- International Faculty in 32nd ISIAN Conference in Cairo Egypt From 6 to 9
   November 2013
- Invited as a Faculty in KENTCON 2013 conference organized by AOI.

- International Faculty on Endoscopic Anterior Skull Base Surgery in ENTAAS-Training Course, Module FESS & Frontal Skull Base, 16-20 January 2014 - 22 January 2014 Leipzig Germany
- Invited as a Faculty in AOI MYSORE 2014 on 9-12 January 2014 at Mysore
- Guest Oration and Keynote Address on "Endoscopic Pituitary Sinus Surgery and Expanding Limits Of Endoscopic Skull Base Surgery in ISIAN RHINO 20-24 November 2014 in Dubai.
- Surgical Demonstration on "Functional Endoscopic Sinus Surgery and Endoscopic Skull Base Surgery" in Ghamra on 23 March 2014
- Faculty in Cadaver Dissection Workshop on Basic and Advanced Endoscopic Sinus Surgery on 21st-22nd June in National Institute Pg Medical College, Nigeria
- Live Surgical Demonstration and Lecture on Endoscopic Management of JNA"
   The Dept of ENT, KEM Hospital, Pune 11th FESS Tutorial on 15th -17th August 2014.
- Live Surgical Demonstration in Tn 2014 Aoicon Coimbatore 17th Annual Tamilnadu State Association Of Otolaryngologists & Live Surgery Work Shop September 26th - 28th 2014
- Invited as a talk "Extended applications of FESS", 2014 Aoicon Coimbatore 17th Annual TamilNadu State Association Of Otolaryngologists & Live SurgeryWork Shop September 26th - 28th 2014
- Live Surgical Demonstration on "Functional Endoscopic Sinus Surgery in Central Clinical Hospital Of Russian Federation President's Administration on February 12 to 14, 2014.
- Scientific Faculty for the AOI Mid Term CME being conducted on 7th & 8th June 2014 at Muzaffarnagar.
- Surgical Demonstration on "Functional Endoscopic Sinus Surgery" in Central

- Clinical Hospital Of Russian Federation President's Administration on July 22 to 24, 2014.
- Cadaver and Live Demonstration on "Expanded Endoscopic Skull Surgery" participate in Neurological Surgery Workshop in VSMMC, Cebu City, the Philippines on 25th July 2014

- Live Surgical Demonstration of" Csf Leak and Cadaveric skull base dissection "on 9th, 10th, 11th January 2015 at AIIMS Raipur Chattisgarh. Master Quiz rhinology & Preconference live surgical workshop conducted on 7th - 8th January 2015.
- Keynote Speaker on Endoscopic Pituitary Surgery and Endoscopic Approach to Juvenile Nasopharyngeal Angiofibroma on 7-10th February, 2015 in Benha University, Egypt
- Live Surgical Demonstration on Endoscopic Skull Base Surgery in Asian
   Congress Of Neurological Surgeons (ACNS) 6th Educational Course In
   Collaboration With Nelson & Walter E. Dandy Neurosurgical Society On February
   10th To 12th, 2015 in College Of Medical Sciences, Chitwan, Nepal
  - Invited as a Guest Lecture on "Expanded Skull Base Surgery" in Asian Congress Of Neurological Surgeons (ACNS) 6th Educational Course In Collaboration With Nelson & Walter E. Dandy Neurosurgical Society On February 10th To 12th 2015 At College Of Medical Sciences, Chitwan Nepal.
  - International guest speaker on "Modified Lothrop Surgery, Internal Carotid Retry Anatomy, Endoscopic Approach to Anterior Cranial Lesions, and Instructional course on JNA" at RhinoEgypt 21 Conference, Cairo, Egypt, February 19- 21, 2015.
  - Invited as a Guest Lecture on "Endoscopic Management of JNA," "Transpterygoid Approaches" and " Craniopharyngioma "in 8th Milano Masterclass Edition in Milan, Italy during Sinonasal Skull Base & Orbit Endoscopic Surgery Workshop, March.

- Invited as a Guest Oration and Lecture on "Endoscopic Skull Base Surgery Limits Endoscopic Skull base Cadaver & Live workshop organised on 16-17
  July 2015 by Vietnamese Society of Neurosurgeons in Manila, Ho Chin Min
  City and Viet Duc Hospital, Hanoi
- Invited as a Guest Oration and Lecture on "Endoscopic Skull Base Surgery -Limits tested" in Endoscopic Skull base Cadaver & Live workshop organised on 2-4 October 2015 by Bangladesh Society of Neurosurgeons
- Invited as a Guest Oration and Keynote Address on "Endoscopic Pituitary sinus Surgery and" Expanding Limits Of endoscopic Skull Base Surgery" 2nd Endoscopic Skull base Cadaver & Live Workshop on 2 - 4 the December 2015 held Dhaka Medical College & National Institute Of Neurosciences
- Invited as a Guest Oration and Lecture on "Endoscopic Skull Base Surgery -Limits tested" in Endoscopic Skull base Cadaver & Live workshop organised on 2-4 December 2015 by Bangladesh Society of Neurosurgeons
- Invite as a Panelist on "Microvascular Decompression Surgery Organised by"
   Vadodara Neurological Association & Ent Association Vadodara Functional
   Neuro-Otology held On 6th & 7th June 2015.
- Faculty for Temporal Bone Demonstration and Live FESS Workshop in South zone ENT Research Centre, Tamilnadu, India from 24th to 26 th July 2015
- Faculty in Neuroendoscopic Workshop 0n 28th to 30th August 2015in PNI-KKU Skull Base Surgery at Prasat Neurological Institute and Vichaiyat Hospital, Bangkok, Thailand
- Cadaveric Demonstration of Endoscopic Skull Base Surgery on 3rd and 4th September 2015 in UKMMC SKULL BASE LIVE SURGERY WORKSHOP, Kuala Lumpur, Malaysia
- Live Surgical Demonstration of Endoscopic excision of Advanced JNA,
   Pituitary Surgeries and Clival chordoma on 3rd and 4th September, 2015 in
   UKMMC SKULL BASE LIVE SURGERY WORKSHOP, Kuala Lumpur,
   Malaysia
- Invited as a Guest faculty and Keynote address on "Endoscopic Transpterygoid Approaches" and "EndoscopicSkull Base Anatomy" in 20th Endoscopic Sinus and Skull Base Surgery Course in Singapore General Hospital, Singapore
- Invited as a Guest faculty and Keynote address on "Endoscopic Skull Base Surgery" and "Endoscopic Anatomy of ICA" in Endoscopic Sinus and Skull

- Base Surgery Course in Singapore General Hospital, Singapore on 6th-8th November 2015
- Live Surgical Demonstration on "Functional Endoscopic Sinus Surgery"2nd
   Endoscopic Skull base Cadaver & Live Workshop 10 th To 13th December 2015
   Dhaka Medical College & National Institute Of Neurosciences.
- Invited as a Guest Oration and Keynote Address on "Endoscopic Pituitary sinus Surgery and" Expanding Limits Of endoscopic Skull Base Surgery" 2nd Endoscopic Skull base Cadaver & Live Workshop 10th To 13th December 2015 Dhaka Medical College &National Institute Of Neurosciences
- Guest Faculty for Cadaver Demonstration on "Endoscopic Skull Base Surgery" in Joint Neuro ENT Endoscopic Skull Base Couse on 16 - 17 July 2015 in Cassti, Pasig City, Philippines

- Keynote address on "Sphenoid sinus leaks", "Limits of Endoscopic Skull Base
  Surgery" and "Endoscopic Management of Cavernous Sinus Extension of Juvenile
  Nasopharyngeal Angiofibroma" in 6th Emirates Otorhinolaryngology Audiology and
  Communication Disorders Congress on 13-15 January 2016
- Live Surgery to demonstrate DRAF 3 Procedure in IRCAD, Leipzig, Germany on 16-20th January 2016
- Invited as a Guest Faculty and Lectures on "Frontal sinus Lesions, "Frontal Sinus-Posterior table Leak" and "Endoscopic Pituitary Surgery" in 7th Emirates Otorhinolaryngology Audiology and Communication Disorders Congress 2017 on 18th -20th January 2016
- Invited as a Faculty & Guest speaker on "Endoscopic Angiofibroma Surgery" in 68th
- Annual Conference Of The Association Of Otolaryngologists Of India, Hyatt Regency Gurgaon India January 28th To 31st, 2016.
- Live Surgical Demonstration of 'Expanded Endoscopic Approach to Pituitary
- Macroadenoma" in 68th Annual conference of The Association Of Otolaryngologists
   Of India Hyatt Regency Gurgaon, India January 28th To 31th, 2016.
- Invited as a faculty & Guest speaker on "Endoscopic Angiofibroma Surgery" and Endoscopic Skull Base Surgery in "International Congress-2016 Endorl & SkullBase 6th Live Endoscopic Surgical Workshop February held on 26th To 28th, Krishna

- Hospital, Chennai.
- Live Surgical Demonstration Of "Trigeminal Neuralgia Microvascular Decompression" and Pituitary" Endoscopic Surgery" in Chennai International Congress-2016 EndoOrl & Skull Base 6th Live Endoscopic Surgical Workshop held on Feb 26th To 28th, Madras Hospital, Chennai.
- Invited as a Panelist and Invited Faculty in "Endochicago on 17th 19th May 2016
   "Juvenile Angiofibroma: Diagnosis & Classification, "Closure of the Skull Base Lessons Learned" and ICA Injuries Lessons Learned"
- Invited faculty & Guest speaker on "Endoscopic Transpterygoid Approaches
  Surgery" Association Of Otolaryngologists Of India- Kodagu Branch & Kodagu
  Institute Of Medical Sciences Madikeri Mid National Ent Conference held on 27th,
  28th & 29th May 2016
- Invited as a faculty & Guest speaker on" Advanced Endoscopic Approaches to Craniopharyngioma and Pituitary tumours with Parasellar and Suprasellar Extensions" Organised by Association Of Otolaryngologists Of India Vidarbha Branch& Neuron Hospital held on 2016 August 13th To 14 in Nagpur.
- Live Surgical Demonstration on "Endoscopic CSF leak Closure" Organised by Association Of Otolaryngologists Of India Vidarbha Branch & Neuron Hospital held onAugust 13th To 14, 2016Faculty and Keynote address on "Endoscopic Skull Bar Surgeries- Sagittal and Coronal Plane" in Bangkok on 24th to 26th August 2016
- Cadaver Demonstration of "Transpterygoid Approaches and Reconstruction of Skull Base" in Neurosurgery Workshop, Bangkok from 24th to 26th August 2016
- Invited as an Operating faculty and Lecture on "Limits of Skull Base Surgery" in Endoscopic Skull Base Workshop on September 2-3, 2016 in the Department of Neurosurgery, Vicente Sotto MemorialMedical Center, Cebu City on 31st August -1st September 2016
- Invited as a faculty & Guest speaker "Endoscopic Skull Base Surgery"
   SouthernPhilippines Medical Center Davao Medical School Foundation 2th
   Endoscopic Skull base Surgery Workshop on 2,3 rd September 2016
- Live Surgical Demonstration of "Expanded Endoscopic Approaches to Craniopharyngioma, Trigeminal Schwannoma and Pituitary Suprasellar And Parasellar Tumors" Southern Philippines Medical Center Davao Medical School Foundation 2th Endoscopic Skull base Surgery Workshop on 3rd September 2016
- Invited as a Guest faculty and Oration on "Reconstruction of Skull Base Defects" and

- "Endoscopic Craniofacial Resection" 9th September 2016 in 34th AOIKCON, 2016 Malnad, Karnataka
- Invited as an Operating Faculty and Keynote for the Skull Base Con 2016 -18th
   Annual Conference of Skull Base Society of India from 8th to 11th September 2016
   organised by Department of Otorhinolaryngology & Department of Neurosurgery,
   SMS Medical College & Hospital, Jaipur.
- Invited as a Guest faculty for a lecture on "Endoscopic approaches Coronal plane",
   Internal Carotid Artery Anatomy" and "Reconstruction in Skull Base Defects" in
   Ircad Taiwan Skull Base Course on September, 20-23, 2016
- Invited as a Guest Faculty and Invited Lecture on "Classification of JNA" and "Management of Sinonasal disease" in KENT CON on October 1, 2016, in Kerala
- Live Surgical Demonstration of "Septal Perforation Closure" and Endoscopic Excision Of Juvenile Angiofibroma on October 1, 2016, in Kenton, Kerala
- Invited as a Guest Faculty and Invited talk on "Endoscopic Skull Base Surgery -Coronal and Sagittal Plane" in Neurosurgery Department, UKKMC, Malaysia on November 26 - 29 th, 2016
- Live Surgical Demonstration of "Clival Lesions and Approaches "on November 26
   -28th, 2016 in Neurosurgery Department, UKKMC, Malaysia.
- Invited Talk and Guest Oration on "New Classification JNA "in MENTON-43rd
   State Conference in Kohlapur on 17 December 2016
- Guest faculty and Keynote address on "Endoscopic Skull Base Surgery" and "CSF Leak Repair" in Odisha state conference on 19th and 20th of December, 2016.
- Lecture on "Introduction to Endoscopic Skull Base Surgery", "Endoscopic Surgery
  of Skull Base Lesions" and "Reconstruction of Large Skull Base Defects" in Brain
  Neurosurgery St. Mary's Hospital Cadaver Workshop, Seoul, Korea on 28 and 29 th,
  2016.

## > <u>2017</u>

- Live Demonstration of "Lateral Skull Base Approach to Epidermoid CP angle" in LSBCON -2017 31 December -1 January 2017
- Invited as a guest faculty and Cadaver Demonstration of Fess and Skull Base Surgery, University of Ruhuna, Galle from 7th and 8th January 2017.
- Invited as a guest faculty with a Lecture on "Optic nerve anatomy, Sphenoid sinus Anatomy and Management of Cavernous Sinus Bleed" in IRCAD, Leipzig, Germany

- on 16 20 to January 2017.
- Live Surgery to demonstrate "DRAF 3 procedure" in IRCAD, Leipzig, Germany on 16-20th January 2017
- Invited as a Guest Faculty and Lectures on "Frontal sinus Draf", "ICA manipulation in JNA surgery" and "Endoscopic Pituitary Surgery" in 7th Emirates
   Otorhinolaryngology Audiology and Communication Disorders Congress 2017 on 18th -20th January 2017
- Invited as a Guest Faculty and Keynote address on "Endoscopic management Of Juvenile Angiofibroma" and "Endoscopic Skull Base Surgery" in AOICON, Calcutta,2-5 February 2017
- First Live 3-D surgery demonstration of" Endoscopic Skull Base Surgery- FSH Secreting Pituitary Macroadenoma" in AOICON Calcutta on 4 February 2017.
- Invited as a guest Oration on "Expanded Endoscopic Approach to Craniopharyngioma" in neurosurgery Workshop organised in Pune on 12-13 February 2017
- Live Surgery Demonstration of "Expanded Endoscopic Approach to Pituitary Macroadenoma with Parasellar and Suprasellar Extensions" in Neurosurgery Workshop in Pune on 12-13 February 2017
- Live Surgery Demonstration of "Foveal CSF leak Repair" in Neurosurgery Workshop in SINOCON -17 in Hyderabad on 22 February 2017
- Panellist and Keynote address on "Endoscopic Management of Juvenile Angiofibroma" in MUMBAICON on 3 March 2017
- Panellist on "Lessons Learned in Skull Base Surgery" in 'International Conference on Complications in Neurosurgery (ICCN) held on March 3-5,2017, in Mumbai.
- Invited as a Panelist and Keynote address on "Endoscopic Management of Juvenile Angiofibroma" and "Difficult situations in Endoscopic Pituitary Surgery" in "International Milano Masterclass—the Nose Inside Out" held in Milan March, 24-28, 2017
- Invited as a guest Oration and Lecture on "Endoscopic Skull Base Surgery Limits tested" in Endoscopic Skull Base Cadaver Workshop in Madras Medical College, Chennai on 22 June 2017
- Cadaver Dissection of "Anterior and Lateral Skull Base with Demonstration of complete ICA course" in Madras Medical College, Chennai on 22 June 2017
- Live Surgery Demonstration of 'Expanded Endoscopic Approach to Pituitary

Macroadenoma with Parasellar and Suprasellar Extension, Epidermoid Petrous Apex and Optic nerve decompression" in Viet Duc Hospital, Hanoi, Vietnam on 6 - 8 July 2017

- Live Surgical demonstration and Cadaver demonstration in AOITS CON in Mehboob Nagar, Telangana on 23 and 24 th September
- Guest Lecture on "Maxillary Sinus", "Approaches to sphenoid "and "Anatomy Of ICA" in IRCAD Germany, Leipzig on 18to 20th September 2017
- Live Surgical demonstration of DRAF -III" in management of Frontal Osteoma in IRCAD, Leipzig, Germany 18to 20th, September 2017
- Invited as a Panelist on" Management of Pituitary Macroadenoma ", "Giant Fibroosseous Lesions of Sino-nasal Sinuses" and Keynote Address on "Endoscopic
  Management of Juvenile Angiofibroma" on 4th European Congress ORL-HNS on 7
  -10 th October 2017
- Invited as a Guest Faculty and Keynote address on "Endoscopic management Of Juvenile Angiofibroma" and "Endoscopic Skull Base Surgery" in Workshop, Calcutta on 27 to 28 th October 2017
- Live Demonstration of "Sternberg Canal Leak Repair" and "Sinonasal Polyposis" in Workshop in Calcutta on 27 to 28th October 2017
- Cadaver Dissection Endoscopic Skull Base Workshop in 4th PEDS Workshop in Calcutta on 27 and 28 th October 2017
- Cadaver Endoscopic Skull Base Surgery Dissection Workshop in 4 the NeuroAIIMS
   Trauma Conference, Delhi on 29 th October 2017
- Live Endoscopic Demonstration of" Endoscopic Excision Of Juvenile Nasopharyngeal Angiofibroma" in Nalanda Medical College in Patna on 5 November 2017.
- Keynote Speaker on "Endoscopic Skull Base Surgery Limits Tested", "Nuances of Endoscopic Pituitary Surgery"," Endoscopic Resection of Craniopharyngioma on 6th December 2017 in National Defence Medical Centre, Taipei, Taiwan, China
- Keynote Speaker in Endoscopic Skull Base Surgery in AFN Annual Convention,
   Quezon City, Philippines

- Invited as the Speaker / Moderator/ Panelist in the 70th Annual Conference of Otolaryngologists of India, on the topic "INSTRUCTION COURSE FOR ENDOSCOPIC SINUS SURGERY" and Speaker in the topic NUANCES ON PITUITARY SURGERY and also as a panellist in the topic SKULL BASED SURGERY. From 4th - 7th January 2018 in Indore.
- Invited and attend the 8th Pan Arab Rhinology Basic &Advanced Functional
  Endoscopic Sinus Surgery (FESS) course with Hands-on Cadaver dissection. For the
  11th GCC Otolaryngology Audiology & communication disorders conference&8th
  Emirates Otorhinolaryngology Audiology & communication disorders congress on
  17 19 January 2018 in Dubai UAE
- The VietDuc University of, VIETNAM, has been recognized as an Honorary Visiting Consultant, Professor for continually participating in training Vietnamese Neurosurgeons from 7th February 2018.
- Invited as a faculty in the 4th international live endoscopic sinus and skull base surgery workshop held on March 11th and 12th in Dhaka Bangladesh.
- Invited faculty as a speaker on Endoscopic JNA Excision –New Classification in the 27th Congress of European Rhinologic Society on 22nd to 26th April 2018 in LONDON, UK.
- Organized and demonstrated cadaver dissection in E-BOSS 2018 held on May 12th &13th at Ramaiah Advanced Learning Center, Bangalore.
- Invited as an operating faculty in the 53rd Workshop on "FESS" at MAA ENT Hospitals, Jubilee Hills, Hyderabad. on 2nd & 3rd June 2018.
- Invited as resource person/delivered a guest lecture in the 5th Annual Conference Of Indian Academy of Otorhinolaryngology-Head & Neck Surgery (IAOHNS

CON-2018) on 9th to 12th August 2018, organized by the department of ENT at Dr Pinnamaneni Siddhartha Institute Of Medical Sciences & Research Foundation, ChinnaAvutapalli, Andhra Pradesh

- Invited and participated as faculty in the CME MASTER CLASS LIVE SURGERY WORKSHOP held on 11th &12th August 2018 at Bhagwan Mahaveer Jain Hospital, Bangalore.
- Invited and delivered an instructional course on ITF & PPF lesions in AAO-HNSF 2018, Annual Meeting & OTO experience at The American Academy Of Otolaryngology-Head & Neck Surgery Foundation from on7th to 10th at ATLANTA, US
- As the President of ISRNP, INDIA he organized the 11th International Symposium on recent advances in Rhinosinusitis and Nasal Polyposis (ISRNP) on 9th -11th November 2018 at NIMHANS Convention Centre Bangalore. He has actively participated as a faculty speaker on Frontal sinus surgery and Fibro osseous lesions, conducted panel discussion on JNA and was the Rhinology quiz master in the symposium.
- Invited as a faculty in the live surgical workshop, FESS Cadaveric dissection and also conducted a panel discussion on JNA in MIDAOICON Raipur held on 16th-18th November 2018 by AOI RAIPUR, CG Chapter.
- Invited as a lecturer and was the operating faculty in the UPCON 2018 Cadaveric Dissection Workshop held on 23rd-25th November 2018 at Kanpur.
- Invited as a faculty in the Alembic MASTER CLASS LIVE SURGERY WORKSHOP held on 2nd December 2018 at Indraprastha Apollo hospital, New Delhi.
- Invited as a speaker on JNA in the webinar conducted by NASO SANO ASSOCIAZIONE DI VOLONTARIATO, ITALY on 15th December 2018

- Invited as a faculty in the Alembic MASTER CLASS LIVE SURGERY
   WORKSHOP held on 9th December 2018 at Civil Hospital, Ahmedabad. Gujarat.
- Invited as a guest faculty in the Third Annual Conference of. The Association of Otolaryngologists of India Siliguri Branch on 14th - 16th December 2018 at Hotel Montana Vista, Siliguri.
- Attended and participate as a credit hour for faculty & four credit hours for Delegate during (MENTCON 2018) on 14th-16th December 2018 at Taj hotel, Nashik.
- Invited as a guest and faculty lecturer and delivered a lecture on JOURNEY FROM
  "F.E.E.S TO SKULL BASE" in the CMR programme "UPDATE IN
  OTORHYNOLARYNOLOGY-2018" on 20th December 2018 at Meenakshi Medical
  college and research centre, Kanchipuram.

## > <u>2019</u>

- Invited as the speaker, for the instructional course on "HOW TO PLAN
  FUNCTIONAL ENDOSCOPIC SINUS SURGERY" in the 14th Asia-Oceania 2019
  ORL-HNS Congress & 71st Annual Conference of the Association of
  Otolaryngologists of India on 9th -13th January 2019, Hyderabad.
- Invited as the speaker, in the symposium on "ENDOSCOPIC SINUS AND SKULL BASE SURGERY" in the 14th Asia-Oceania 2019 ORL-HNS Congress & 71st Annual Conference of the Association of Otolaryngologists of India on 9th -13th January 2019, Hyderabad.
- Invited as the operating faculty and visiting consultant in Zain hospital for "FUNCTIONAL ENDOSCOPIC SINUS SURGERY" in March-2019
- Invited as a Speaker/Panelist on "SKULL BASE SURGERY-LIMITS TESTED" in ENT Summit -2019 on 24th March-2019, Hotel Lalit (Great Eastern), Calcutta.

- Invited and Attended the CME & Conference programme of Faculty and made a
  platform titled "ENDOSCOPIC SKULL BASE SURGERY-LIMITS TESTED." In
  the 6th Annual Conference of Neuro Endoscopy Society-NEURO ENDOCON 2019,
  on 29-31ST March 2019 at Madurai.
- Invited faculty at Lokmanya tilak municipal medical college, Mumbai. On 6th & 7th April 2019, performed cadaveric dissection on fess and skull base and delivered a lecture on improving results in fess surgery.
- Invited as the operating faculty and visiting consultant in Zain hospital for "FUNCTIONAL ENDOSCOPIC SINUS SURGERY" from April 12th 1 to 14th April 2019.
- Moderator session on "Endoscopic approach to Anterior, Middle and Posterior Fossa Tumors" and Presented "Endoscopic Approach to Craniopharyngioma tumours" on 25th April 2019 in 6th SARC FESS WORKSHOP, Singapore.
- Invited Faculty at 27th Annual advanced concepts in Functional Endoscopic Sinus surgery on May 17th -19th May 2019.in the University of Iowa.
- Invited faculty and presented a talk on CSF Rhinorrhea endoscopic approach on May 26th 2019 in Trichy. Invited faculty and live surgical workshop in Mentos 2019, master class series II sinusitis live surgery workshop and cadaveric dissection organized by department of ENT, MES medical college in association with AOI Malabar, held at Perinthamana, on 8th and 9th June 2019.
- Invited as the operating faculty and visiting consultant in Jahara hospital,
   Kuwait for "FUNCTIONAL ENDOSCOPIC SINUS SURGERY" from June 23rd to 26th June 2019.
- Invited as the operating faculty for Skull Base surgeries in Neurosurgery
  Department in Viet Duc Hospital, Hanoi, Vietnam from 30th June to 4th July
  2019.

- Invited as the operating faculty in 10th live ENT surgical workshop in
   Madhubani Nursing Home, Nandiyal, A.P.India on 20th July to 21st July 2019
- Invited as the operating faculty and visiting consultant in Zain hospital for "FUNCTIONAL ENDOSCOPIC SINUS SURGERY" from 27th to 30th July 2019.
- Invited as the operating faculty in 9th ENT conclave 2019, Chennai, Tamilnadu, India on August 10th and 11th 2019.
- Invited as the operating faculty and visiting consultant in zain hospital for "FUNCTIONAL ENDOSCOPIC SINUS SURGERY" from 17th to 18th August 2019.
- Invited as the operating faculty in Master class live surgery workshop in Bhagwan Mahaveer Jain Hospital, Bangalore, India, on 24th and 25th August 2019.
- Operating faculty for Rhinology and skull base surgery in Alembic Master class in Kolkata on 7th and 8th September 2019.
- Invited as a guest lecture on surgical management of sinusitis and panel discussion moderator for newer trends in the management of sinusitis at the Department of Otolaryngology Government, Villupuram medical college and hospital on 17th September 2019
- Operating faculty and guest lecturer in Otology.Rhinology and Anterior and lateral Skull base surgery in "Grommet to Glomus workshop " organized by Government Hospital Kakinada, Andhra Pradesh, India on 21st and 22nd September 2019.
- Guest lecture on "My journey to skull base surgeries –Motivational talk" in IMA meeting.Kakinada, Andhra Pradesh, on 21st September 2019.
- Invited as an operating faculty for 'Cadaver Endoscopic Skull Base Dissection

- Invited as a guest lecturer and live operating faculty in "RHINOTOCON 2019" conducted by Dr Rao's ENT speciality International Hospital, Hyderabad, India on 11th to 13th October 2019.
- Invited as a guest lecturer in FHNO-2019 Pre-conference workshop for 'Skull base Dissection" in skills lab, college building, SRMC, CHENNAI. 16TH October 2019.
- Guest lectures on "Surgical Nuances of Fess" Endoscopic skull base surgery past,
  present and future and JNA-Good, bad and ugly in 22nd Oman Otolaryngology head
  and neck Audiology Conference, Hormuz Grand Muscat, A Radisson Collection
  Hotel, Muscat, Oman, 25th to 26th October 2019.
- Invited as a guest speaker in the 12th International Symposium on Recent Advances in Rhinosinusitis and Nasal polyps, held in conjunction with the 49th Brazilian Congress of Otorhinolaryngology Cervicofacial Surgery, Brasilia, Brazil, 30th October to 2nd November 2019.
- Invited as a guest lecturer and live surgery at the 18th Asean neurosurgical society meeting, The 20th Annual Vietnam neurosurgical conference, The 5th Vietnam neuroscience nursing meeting, Hanoi, 15th to 17th November 2019.
- Invited as a faculty in a live surgical workshop, FESS Cadaveric dissection in MENTCON 2019, Aurangabad, India, and 20th November 2019.
- Invited as a Guest Operating faculty in Advanced Skull Base & Endoscopic Sinus Surgery Workshop, Anjana Vidyalaya multi-speciality hospital and S.A.I hospital, Rajamahendravaram, Rajahmundry, India from 29th to30th November 2019.
- Invited faculty for "Cadaver Endoscopic Skull Base Dissection course" in 2nd
  Annual conference of the Nobel Institute of Neurosciences, Hands-on Spine & Skull
  base Cadaver Workshop, Nobel Medical College and Teaching Hospital, Biratnagar,
  Nepal,7th to 9th December 2019.

- Invited as faculty in "COVAIFESSCON 2019- LIVE SURGICAL WORKSHOP" at Coimbatore Medical College & Hospital, Coimbatore, Tamilnadu, India, on 15th Dec 2019.
- Invited as a Guest lecturer on "My journey to skull base surgeries –Motivational talk" in ORIENT, Hotel Chennys Gateway, Salem, Tamilnadu, on 15th Dec -2019.

- Invited as the speaker, for the instructional course on "HOW TO PLAN
  FUNCTIONAL ENDOSCOPIC SINUS SURGERY" at 72nd Annual Conference of
  the Association of Otolaryngologists of India on 9th -12th January 2020, Nagpur.
- Invited as a faculty in the Alembic MASTER CLASS LIVE SURGERY WORKSHOP held on 19th January 2020 at Bhubaneswar.
- Operating faculty in Rhinology and Anterior Skull base surgery organized by Government Hospital, Visakhapatnam, Andhra Pradesh, India on 25th and 26th January 2020.

### **>**2021

• Invited faculty in Delhi Aoicon for presentation on "Surgical Management of Skull Base Covid associated Mucormycosis Osteomyelitis" on 10 -12 September 2021.

- Best Teachers in Rhinology Award' In 17 th Otorhinolaryngology Conference in Dubai on 17 th March 2022.
- Keynote speaker on topics -"ICA injury Management", "Fibroosseous lesions

Sinonasal Tumors" on 18 and 19 March 2022 in 17th Otorhinolaryngology Meet, Dubai