



## ADDRESS

### Present:

Sri Venkateswara Institute of  
Medical Sciences (SVIMS)

### Permanent :

208, Narainnagar, Phase 1, Faizabad  
Road Lucknow Uttar Pradesh 226016 INDIA



## Email

[abhachandra@gmail.com](mailto:abhachandra@gmail.com)



## KEY HIGHLIGHTS

- Adult Cardiac Surgery
- Heart Valve surgery
- Heart Valve surgery with concomitant CABG
- Coronary artery bypass surgery (CABG)
- Cardiac tumors, Paediatric Cardiac surgery
- Valve surgery, Septal defects
- Patent ductus arteriosus
- Coarctation of Aorta
- Aortic and Pulmonary valve stenosis
- Tetralogy of Fallot and variants
- Partial anomalous pulmonary venous connections
- Total anomalous pulmonary venous connections
- Double outlet right ventricle
- Double chambered right ventricle
- Vascular Surgery, Aortic surgery
- Surgery for peripheral arterial occlusive disease
- General Thoracic Surgery
- Chest wall lesions and deformities
- Tracheal reconstructions
- Thoracic Outlet syndrome
- Mediastinal tumors
- Lung resections & Keyhole surgery
- Monitoring patient in the intensive care unit
- Outpatient Clinic, Multi-disciplinary team meetings and ward rounds

## CURRICULUM VITAE

## DR. ABHA CHANDRA

M.S.(Gen. Surg.), M.Ch. (CVTS), DNB (CVTS) FACS,  
FICS, FIACS, FAIS.

Sr.Professor & HOD, SVIMS, Tirupati



## Work

Present



### Senior Professor

Department of Cardio Vascular & Thoracic Surgery  
Sri Venkateswara Institute of Medical Sciences  
(A University established by an Act of Andhra  
Pradesh State Legislature)  
Tirupati-517 507, Chittoor District  
Andhra Pradesh, India



## EDUCATION

1983



### MBBS

Jawaharlal Nehru Medical College, Aligarh

1987



### MS

Jawaharlal Nehru Medical College, Aligarh

1994



### MCh

SGPGIMS, Lucknow



### DNB

SGPGI MS : NBE, Lucknow

## PROFESSIONAL EXPERIENCE



### Clinical Experience

- 37 years Gen Surg, Paediatrics & C.T.Surgery
- Vascular 33 years



12 years

### Administrative Experience



37 years

### Teaching Experience



37 years

### Research Experience



**10082**  
**Total Surgeries**



**5504**  
**Open Heart Surgeries**



**224**  
**Closed Heart Surgeries**



**2098**  
**Thoracic surgeries**



**2256**  
**Vascular surgeries**



**49**  
**Papers Published**



**6**  
**Book Chapter**



**2**  
**Abstracts in Journals**



**49**  
**Paper Presentation in conferences**

- *International – 12*
- *National – 84*
- *Coauthor International -8*
- *Coauthor National -28*



**Conferences Attended**

- *International - 27*
- *National - 197*
- *Guest Lectures - 84*



**11**  
**Conferences Organized**



**3**  
**Orations**



**114**  
**Chairperson inState/  
National Conferences**



**7**  
**Reviewer for Journals**



**5**  
**Examinership**



**17**  
**Membership in Professional Bodies**



**Thesis**  
M.S.Gen Surg – 1  
MCh CVTS – 11  
Ph.D – 6  
Research Projects - 3



**Awards**  
Self - 24  
Dept - 3  
Edu - 15

## TABLE OF CONTENTS

PERSONAL PROFILE .....	4
EDUCATION.....	5
WORK & TEACHING EXPERIENCE .....	6
PUBLICATIONS.....	7
EDITOR / REVIEWER FOR MANUSCRIPTS .....	12
AUTHOR FOR PAPERS PRESENTED IN CONFERENCES .....	13
CO AUTHOR FOR PAPERS PRESENTED IN CONFERENCES:.....	24
GUEST / INVITED LECTURES DELIVERED.....	28
CHAIRPERSON FOR SCIENTIFIC SESSIONS.....	36
PANEL DISCUSSION .....	47
CONFERENCES AND SYMPOSIUMS ATTENDED : .....	48
NATIONAL CONFERENCES, SYMPOSIUM AND WORKSHOPS ATTENDED.....	50
ORATIONS DELIVERED: .....	63
THESIS FOR M.S. GENERAL SURGERY .....	64
MEMBERSHIP OF PROFESSIONAL SOCIETIES AND ASSOCIATIONS:.....	64
PRESENT WORK INVOLVES SURGERIES AND TRAINING STUDENTS IN THE FIELD OF CARDIOVASCULAR AND THORACIC SURGERY. ....	65
GUIDE FOR M.CH DESSERTATION PROJECTS.....	67
GUIDE FOR PH.D: RESEARCH PROJECT .....	68
OTHER RESEARCH PROJECTS.....	69
EXAMINERSHIP .....	70
CME AND WORKSHOP ORGANIZED .....	71
AWARDS AND FELLOWSHIPS:.....	73
MISCELLANEOUS .....	78
VARIOUS POSITIONS IN SVIMS AND BIRRD.....	80
ADDITIONAL INFORMATION.....	80
EXTRA CURRICULAR ACTIVITIES .....	80
ADDENDUM .....	82

## PERSONAL PROFILE

<b>Father's Name</b>	: <b>Late Dr Ramesh Chandra Gupta</b> PhD (Wales), BSc (Hons), MSc (Luck) MBNES (Lond), AMIERE (Lond), FIPS (Cal.) Professor & HOD (Retd.) Dept. of Physics Lucknow University, Lucknow.
<b>Mother's Name</b>	: <b>Late Dr. (Mrs.) M. R. Chandra</b> MD, BSc, MBBS (Luck), DM&CW(Cal.) DTM&H (Eng.), FRSTM&H(Eng.) Professor & HOD (Retd.) Dept. of Social and Preventive Medicine King George's Medical College, Lucknow
<b>Date of Birth</b>	: October 14, 1958 (Lucknow)
<b>Marital Status</b>	: Unmarried
<b>Nationality</b>	: Indian
<b>Address (Permanent)</b>	: 208, Narainnagar, Phase 1, Faizabad Road Lucknow Uttar Pradesh 226006 INDIA
<b>Present Address (Office) for Correspondence</b>	: Dept. of Cardiovascular & Thoracic Surgery Sri Venkateswara Institute of Medical Sciences, Tirupati, 517507, Andhra Pradesh, India.
<b>Languages</b>	: English, Hindi, Urdu, Telugu
<b>Instruction Medium</b>	: English throughout Schooling and Professional Career
<b>Preschool</b>	: Primary schooling in England, St. Mary's Infant School Bangor, Wales, U.K.

## EDUCATION

Course	Institution	Board	Year of Passing
High school	Mount Carmel Convent, (Lucknow)	UP Board, Allahabad	1974*
Intermediate	Isabella Thoburn College (Lucknow)	UP Board, Allahabad	1976**
BSc.	Lucknow University (Lucknow)	Lucknow University	1978***
MBBS	JNMC (Aligarh)	Aligarh Muslim Univ. Aligarh	1983
MS	JNMC (Aligarh)	Aligarh Muslim Univ. Aligarh	1987
MCh (CVTS)	SGPGIMS, Lucknow	SGPGIMS , Lucknow	1994
DNB (CVTS)	SGPGI MS : NBE, Lucknow	National Board of Examinations, New Delhi	2007

### Academic Distinctions

\* Distinction in English. First division overall

\*\* Ranked first in college (Biology group). First division overall. Distinction in Biology

\*\*\* Ranked first in University (Biology group). First division overall.

## WORK & TEACHING EXPERIENCE

Designation	Institute	Date from & to	Duration
Internship	JNMC (Aligarh)	01.09.83 - 31.08.84	12 m.
House Surgeon* (Gen Surg)	JNMC, AMU (Aligarh)	01.09.84 - 31.08.85	12 m.
Post-graduate* (Gen Surg)	JNMC, AMU (Aligarh)	06.09.85 - 22.01.86	4.5m
Registrar* (Gen Surg )	JNMC, AMU (Aligarh)	23.01.86 - 22.09.87	20 m
Registrar* (Paed. Surg)	JNMC, AMU (Aligarh)	16.10.87 - 15.03.89	17 m
General Surgeon	Vishnu Nursing Home (Lucknow)	16.03.89 - 31.05.89	2.5m
Senior Residency* CVTS (Non-MCh)	SGPGIMS (Lucknow)	01.06.89 - 14.07.91	26.5m
Senior Residency* CVTS (MCh)	SGPGIMS (Lucknow)	15.07.91 - 31.07.94	37 m
Senior Clinical* Assistant (CVTS)	Bombay Hospital (Bombay)	17.10.94 - 03.01.95	2.5m
Senior Registrar* (CVTS)	St. Stephens Hospital (Delhi)	10.01.95 - 08.04.95	3 m
Assistant Professor* (CVTS)	Sri Venkateswara Institute of Medical Sciences, Tirupati.	14.04.95 - 29.01.98	33 m
Associate Professor* (CVTS)	Sri Venkateswara Institute of Medical Sciences, Tirupati.	30.01.98 – 06.04.02	50m
Additional Professor* (CVTS)	Sri Venkateswara Institute of Medical Sciences, Tirupati.	07.04. 02 – 03.12.06	56m
Professor* (CVTS)	Sri Venkateswara Institute of Medical Sciences, Tirupati.	04.12.06 – 14.07.09	31m
Professor & HOD* (CVTS)	Sri Venkateswara Institute of Medical Sciences, Tirupati.	5.07.09 - 06.03.2020	11 yrs 8m
Sr. Professor* (CVTS)	Sri Venkateswara Institute of Medical Sciences, Tirupati.	07.03.2020	Till date
*Teaching posts			

## PUBLICATIONS

1. "Giant Vesico-Prostatic Calculus following Transvesical Prostatectomy around a foreign body". V Prakash, S.P.Saxena, Y.V.S. Gahlaut, **A Chandra**. JIMA 1985;83:294.
2. "Foreign body in rectum". S.P.Saxena, A.U.Khan, **A Chandra**, P.Khurana. Current Medical Practice. 1986;30:152
3. "Acute appendicitis - A critical appraisal of 100 cases". S.P.Saxena, V.Prakash, Y.V.S.Gahlaut, **A Chandra**. Current Medical Practice 1986;30:314.
4. "Appendicular Tuberculosis"- Case Report: V.Prakash, S.P.Saxena, Y.V.S.Gahlaut, **A Chandra**. The Quarterly Journal of Surgical Sciences. 1986;22:46-48.
5. "Sectorial Tricuspid Annuloplasty" - A Rational Modification P.K.Ghosh, **A Chandra**, L.Kapoor, S.Shah. Cor Europaeum 1995 Vol.4,no:2: 66-68.
6. "Efficacy of Cyanoacrylate glue in the arrest of bleeding from surgical Sites". D.Dilip, MH Rao, P Manoj, **A Chandra**, PVLN Murthy, KV Naidu. Indian Journal of Thorac & Cardiovasc Surg 1995;Vol 11:no.2, 42-43.
7. "HFJV and Conventional Ventilation during Bronchoscopic Removal of Foreign bodies in children". RK Jain, MH Rao, RS Iyer, P Manoj, S Srivastava, D.Dilip, **A Chandra**. J Anaesth Clin Pharmacol 1996 13: 127 - 130.
8. "Spirometric Changes following open surgery on Rheumatic Mitral valve". **A Chandra**, S. Srivastava, D.Dilip. Asian Cardiovasc & Thorac Ann 1998; 6:28-33 .
9. "Poor outcome following pericardiectomy for post-radiation constrictive pericarditis" (Letter to Editor). **A Chandra**, L.Kapoor, A.K.Ganjoo,R.Bajaj. Asian Cardiovasc & Thorac Ann 1998; 6:239-240.
10. Closed mitral valvotomy versus Balloon mitral valvotomy. A Comparison of 100 cases. RS Iyer, R Jain, P Manoj, **A Chandra**, S Agarwal, D Rajashekhar, D Dilip. Asian Cardiovasc & Thorac Ann 1998; 6: 285-287.
11. "Hyperbilirubinemia after Cardiopulmonary Bypass" A Prospective Study. **A Chandra**, D Gupta, KSS Saibaba, D Dilip, Srinivas Kola, MS Naidu . Asian Cardiovasc & Thorac Ann 1999;7(1) 3 - 8.
12. "Delayed Repair of Popliteal Artery following blunt Injury". (Case Report). **A Chandra**, D Dilip, S Kola, SEV Prasad Rao, P Pal. Asian Cardiovasc & Thorac Ann 1999;7: 247-248.
13. "Anomalous Origin and Course of Left Anterior Descending Coronary Artery". (Case Report). Durgaprasad Rajashekhar, Probal Ghosh, **A Chandra**, Narendranath Raju. Asian Cardiovasc & Thorac Ann 1999;7: 244-246.

14. "Cyanoacrylate Glue As A Surgical Sealant Indian Cardiovascular And Thoracic Surgery". D Dilip, **A Chandra**, M.H.Rao, P Manoj, R.S.Iyer. Cor Europaeum 2000;8:169-173.
15. "Early Beneficial Effects Of Preservation Of The Papillo – Annular Continuity On Mitral Valve Replacement On Left Ventricular Function." D.Dilip, **A.Chandra**, D.Radjashekar. The Journal Of Heart Valve Disease 2001;10:3, 294-301.
16. "Coronary Artery Bypass in Severe Left Ventricular Dysfunction". Dilip D, Rao MH, **A Chandra**, Rao MS, Rajashekhar D, Prasad SV, Mohan A. Asian Cardioasc & Thorac Ann 2002, 10(3):211-4.
17. "Tuberculosis In The Emergency Room: A Cause For Concern". A Mohan, **A Chandra**, CV Harinarayan, B Vengamma, MH Rao, SK Sharma, P Sivashankar. Am J Respir Crit Care Med 2001;163:A664.
18. "Achalasia Cardia: uncommon presentation". A Mohan, M Ibrarullah, R Sonawane, D Dilip, **A Chandra**, SK Sharma. Indian J Chest Dis Allied Sci 2001;43:103-5.
19. "Intermittent warm blood cardioplegia vs cold blood cardioplegia: Effect on left ventricular function and perioperative outcome". A Chandra, D. Rajashekhar, S. Kola, M.H. Rao, V. Satyanarayana, C. Kodhandapani, D gupta, G Subramanyam. Indian Journal of Thoracic and Cardiovascular Surgery , vol. 20, no. 1, pp. 49 2004. DOI: [10.1007/s12055-004-0459-z](https://doi.org/10.1007/s12055-004-0459-z)
20. "Acute life threatening hemoptysis in patients with pulmonary tuberculosis: clinical presentation and management." S Bolleneni , A Mohan, **A Chandra**, MH Rao, MK Reddy. Proc AM Thorac Soc 2006;3:A611.
21. "Aetiology of peripheral lymphadenopathy in adults: Analysis of 1724 cases seen at a tertiary care teaching hospital in southern India". A Mohan, MK Reddy, BV Phaneendra, **A Chandra**. National Medical Journal of India. 2006;20(2):78-80.
22. Solitary Pulmonary nodule: Experience at a tertiary care teaching hospital. A. Chandra, A. Mohan, M.H. Rao, MKS Reddy. Indian Journal of Thoracic and Cardiovascular Surgery , vol. 22, no. 1, pp. 88-88, 2006 DOI: [10.1007/s12055-006-0695-5](https://doi.org/10.1007/s12055-006-0695-5)
23. "Surgical Management of Diaphragmatic Injuries". **A Chandra**, A Samantaray, G Balasubramani, R Sonawaney. Indian Journal of Thoracic and Cardiovascular Surgery, 2007;23,3:202-207.
24. "Paradoxical deterioration in HIV – negative patients while on DOTS treatment for tuberculosis." A Mohan, **A Chandra**, B Vengamma, MK Reddy. Am J Respir Crit Care Med 2007;175:A970.
25. "A Comparison of Adaptive Pressure Ventilation and Pressure Controlled Ventilation in Cardiac Surgery". Aloka Samantaray, Hanumantha Mangu Rao, Seema Desmukh, Abha Chandra and Alok Sachan. Anesthesiology 2007; 107: A437



26. "Clinical Manifestations and treatment outcome in patients with pulmonary tuberculomas." A Mohan, **A Chandra**, A Nagarajan, B Vijayalakshmi, K Manohar, P Damodaran, MK Reddy. Am. J. Respir Crit Care Med 2009;179:A 3202
27. "Effect of Hyperglycemia on Anti-Arrhythmic property of magnesium therapy in Cardiac Surgery patients." Aloka Samantaray, **A. Chandra**, Sanjukta Panigrahi. Proceedings of the American Society Anesthesiologists, 2009
28. "Amiodarone for the Prevention of Reperfusion Ventricular Fibrillation". Aloka Samantaray, **A. Chandra**, Sanjukta Panigrahi. Journal of Cardiothoracic and Vascular Anaesthesia 2010;24:2:239-243.
29. Clinical manifestations and treatment outcome with DOTS in Elderly patients with active Tuberculosis. Hari Rao Nagachandra, Nagarajan Archana, Mohan Alladi, **A. Chandra**. 2010/05/01, A3145, A3145 10.1164/ajrccmconference.2010.181.1\_ MeetingAbstracts.A3145
30. "The effect on post-operative pain of intravenous clonidine given before induction of anaesthesia". Aloka Samantaray, Mangu Hanumantha Rao, and **A. Chandra**. Indian J Anaesth. 2012 Jul-Aug; 56(4): 359–364.
31. "Horner's Syndrome due to Pancoast tumor". J Harikrishna, B Raga Deepthi, V Arun Raja, P Suneetha, Amit Kumar Chowhan, B Vijay Lakshmi Devi, Abha Chandra, Alladi Mohan. Journal of Clinical and Scientific Research (JCSR) Vol 3, No. 2, April – June 2014, 150-152.
32. "Well differentiated fetal adenocarcinoma of the lung in an adult male: report of an unusual tumor with a brief review of literature." J Cancer Res Ther 2014 Apr-Jun;10(2):419-21. Rashmi Patnayak, Amitabh Jena, N Rukmangadha, A Y Lakshmi, A Chandra
33. "Influence Of Graded Aerobic Exercise On Exercise Tolerance In PostSurgical Mitral Valve Disease Individual – A Prospective Randomized Open Label Study" Int J Physiother. Vol 3(5), 580-586, October (2016) ISSN: 2348 – 8336 . Shanthi C , A.Chandra, Vanajakshamma, <sup>3</sup>Madhavi K..
34. "Endotracheal tube tip culture in post-operative respiratory infections in open heart surgery patients: a one year prospective study." Chandra Mouli HC, Nagaraja M, A Chandra, Kalawat U. J Clin Sci Res 2016;5:214-20. DOI: <http://dx.doi.org/10.15380/.2277-5706.JCSR.15.051>.
35. "Asymptomatic pulmonary hydatid abutting pleura" Sameera Karnam, Rashmi Patnayak, S. Sarla, A Chandra, T. Asha Journal of Clinical and Scientific Research Volume 5, Number 1, January – March, 2016.
36. "Influence of graded aerobic exercise on quality of life in post surgical mitral valve disease individual –a prospective randomized open label study". Shanthi C. <sup>2</sup> A Chandra , Vanajakshamma, Madhavi K. Int J Physiother. Vol 3(5), 530-536, October (2016) ISSN: 2348 – 8336.
37. "Glandular Myxoma Of Left Atrium : An Uncommon Tumour - A Case Report" Elugoti Divya, N Rukmangadha, Rashmi Patnayak, A Chandra, P. Hari Krishna Murthy. Heart India 2016;4:100-3.

38. "Management of Intra abdominal compartment syndrome secondary to anticoagulation induced retroperitoneal haemorrhage after Aorto-bifemoral grafting G.Murali Hareesh, K.Sudhakar Rao, A Chandra, Hari Vadan Lukka, V.Naga Durga Prasad. Journal International Journal of contemporary Medical Research [IJCMR], Date : 10-8-16
39. Association of G472 A allele of membrane bound catechol-O-methyltransferase gene with chronic post sternotomy pain. Goduguchintha Dharaniprasad, ALOka Samantaray, Mangu Hanumantha Rao, A Chandra and Potukuchi Venkata Gurunadha Krishna Sarma. General Thoracic and Cardiovascular Surgery <https://doi.org/10.1007/s11748-018-0981-3>.
40. Contralateral Pedicled Anterolateral Thigh Flap (ATL) for Upper Thigh Defect in the Era of Free ATL? Narendra Hulika,\* Ramana Reddy Naru, Azhagamuthu, Basheeruddin Inamdar, and A Chandra. World J Plast Surg. 2016 May; 5(2): 194–197.PMCID: PMC5003960.
41. " Clinical Profile and outcome of Infective Endocarditis in a Tertiary Care Centre: Retrospective study. T. Naresh A, Rajashekhar D, Vanajakshamma V, SreedharNaik, A Chandra, and Abhijit Choudhary. Journal Cardiology and Cardiovascular Therapy ISSN 2474 – 7580 volume 5 issue 2 May 2017, 001-005.
42. "Association of G472A allele of membrane bound catechol-O-methyltransferase gene with chronic post-sternotomy pain Goduguchintha Dharaniprasad, Aloka Samantaray, Mangu Hanumantha Rao · Abha Chandra · Potukuchi Venkata Gurunadha Krishna Sarma General Thoracic and Cardiovascular Surgery, 02 Aug 2018,67(9):806-810 DOI: 10.1007/s11748-018-0981-3 PMID: 30073475
43. "Effect of Persistence of Left Ventricular hypertrophy and left atrial dilatation after aortic valve replacement or early outcomes and survival: a prospective study. Hari Krishna Murthy P, Abha Chandra. Int. Surg. J 2019 Oct 6(10), 3786 – 3793.
44. "Prevalence of Multidrug Resistant Staphylococcus aureus in clinically suspected Atypical Pneumonia Patients. Meenakshi Kante, Rishi Gowtham Racheria, Usha Kalawat, B Venkata Ramana, D.T. Katyarmal, A Chandra, D. Bhargavi, G. Aruna, Manohar B. Evolution Med. Dent. Sci. 2019;8(51):3863-3867.
45. "A Rare Case of Lower Limb Gangrene Following Anterior Exenteration in a Previously Irradiated Pelvis." Hulikal, Narendra; Bayana, Bhavya; Banoth, Manilal; A Chandra, Venkataraman, Andal Indian Journal of Gynecologic Oncology in 2019
46. "Novel Arg 28 Ala variant in Catechol-O-methyltransferase gene influence persistent pain." Goduguchintha Dharaniprasad, Aloka Samantaray, Mangu Hanumantha Rao · A Chandra · Potukuchi Venkata Gurunadha Krishna Sarma. Clinical Genetics, Oct. 2019/10/24, 10.1111/cge.13650
47. "Chronic persistent surgical pain is strongly associated with COMT alleles in patients undergoing cardiac surgery with median sternotomy. Goduguchintha Dharaniprasad, Aloka Samantaray, Mangu Hanumantha Rao · A Chandra · Potukuchi Venkata Gurunadha Krishna Sarma General

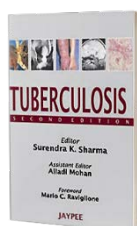
Thoracic and Cardiovascular Surgery, Feb. 2020. 10.1007/s11748-020-01321-6.

48. "Arterial and Venous thrombosis in a patient of COVID-19 : A Unique Presentation" which has been accepted for presentation in The National Medical Journal of India .( Manuscript No. nmji\_818\_20). A Chandra, Mohan A , Bhargava KM, Alok Samantaray , Nav een Kumar AB , and Jasmitha K .(Accepted).
49. "Elevated Osteopontin, Osteocalcin and Alkaline Phosphatase Expression Observed in the Calcific Mitral Stenotic Valve in Patients with Rheumatic Heart Disease" which has been submitted to the Asian Cardiovascular and Thoracic Annals Manuscript ID AAN-20-0579

### ***Published in abstract book for reading:***

1. "Surgical Management and Outcome of Atherosclerotic Vascular Disease" **A Chandra, D Dilip, K Srinivas, D Rajashekher, G Subramanyam.** 14th Annual conference of Indian Society for Atherosclerotic Research ISARCON – 2001 held between October 20 – 21,2001 at Dharan, Nepal.
2. "Clinical Outcome of the Patients Undergoing Surgery for Atherosclerotic Peripheral Vascular Diseases". **A Chandra, D Dilip, K Srinivas, N Venugopal, Sudhir, D Rajashekher, G Subramanyam.** 8th Annual Conference of the Vascular Society of India held between November 29 and December 02,2001 at Pune Maharastra.

### ***Contributed Chapters to following books:***



1. Wrote a Chapter on the "**Surgery for pleuropulmonary Tuberculosis**" for a book titled "**Tuberculosis**" published by Jaypee brothers, New Delhi. The Editor of the book is Prof. Sharma from the Department of Internal Medicine, All India Institute of Medical Sciences, and the Assistant Editor is Dr. Alladi Mohan, Assistant Professor from the Department of Emergency Medicine, Sri Venkateswara Institute of Medical Sciences, Tirupati, A.P.
2. Updated contribution to the 2<sup>nd</sup> edition of the "**Surgery for pleuropulmonary Tuberculosis**" for a book titled "**Tuberculosis**" published by Jaypee brothers, New Delhi in the year 2008. The Editor of the book is Prof. Sharma from the Department of Internal Medicine, All India Institute of Medical Sciences.
3. A Mohan, B Vijaylakshmi Devi, A Chandra. "**Solitary Pulmonary nodule**". In: Jindal SK (editor), Textbook of pulmonary medicine. New Delhi: Jaypee Brothers Medical Publishers; 2010
4. A Mohan, B Vijaylakshmi Devi, A Chandra. "**Pulmonary Mycetoma**". In: Jindal SK (editor), Textbook of pulmonary medicine. New Delhi: Jaypee Brothers Medical Publishers; 2010

5. A Mohan, A Chandra, B Vijaylakshmi Devi. **“Lung Abscess”**. In: Behera D (editor), Textbook of pulmonary medicine. New Delhi: National College of Chest Physicians; 2010.
6. Presently review and re editing is in progress now ready for submission : the 3<sup>rd</sup> edition of the **“Surgery for pleuropulmonary Tuberculosis”** for a book titled **“Textbook of Tuberculosis and nontuberculosis Mycobacterial diseases”** 3<sup>rd</sup> Edition published by Jaypee brothers, New Delhi, later in the year 2013. The Editor of the book is Prof. Sharma from the Department of Internal Medicine, All India Institute of Medical Sciences.

## EDITOR / REVIEWER FOR MANUSCRIPTS

1. Journal of Vascular Surgery : Official Publication of the Society for Vascular Surgery and the American Association for Vascular Surgery. Published from University of Florida College of Medicine, Division of Vascular Surgery, Gainesville, Florida.
2. Sectional Editor (Cardiovascular and Thoracic Surgery) for the Indian Journal of Surgery, 2006-2008 Official journal of the Association of Surgeons of India.
3. Reviewer for Indian journal of thoracic and Cardiovascular surgery an official journal of the Indian Association of thoracic and Cardiovascular surgeons. (IACS).
4. Reviewer for Asian Annals of Cardiovascular and Thoracic surgery
5. Asian Journal of case reports in Medicine and Health.
6. Asian Journal of Advances in Medicine and Medical Research.

## AUTHOR FOR PAPERS PRESENTED IN CONFERENCES

### *INTERNATIONAL CONFERENCES*

1. "Hemodynamic evaluation of isolated aortic carbomedics bileaflet valve in small aortic annulus" at the 2nd minimally invasive Thoracic Surgery Interest Group : International symposium Controversies in Cardiothoracic Surgery, November 20 – 21, 1998, HongKong, China. D. Dilip, **A Chandra**, P Manoj, D Radjashekar. (Poster Presentation).
2. "Experience with Thoracic and Abdominal Aortic Aneurysms" at the 7th Annual Meeting of the Asian Society for cardiovascular Surgery (Towards The Next Millenium On Cardiac Surgery) May 28 – 31,1999 at Singapore. D Dilip, **A Chandra**, D Rajashekar, D Gupta.(Poster Presentation).
3. "Early Benefical Effect of Papillo-annular continuity in mitral valve replacement" in the 7th World symposium of heart valve diseases, Queen Elizabeth Conference hall, London. June 11 – 14,1999. D. Dilip, **A Chandra**, D Rajashekar, P Manoj. (Oral Presentation).
4. "Comparative Evaluation of Left Ventricular Performance after Preservation of the posterior mitral leaflet in multiple valve procedures". 2nd International meeting of the Onassis Cardiac Surgery Center (Fighting heart disease on the threshold of the 3rd mellennium) December 7 –9, 2000 Athens, Greece. **A Chandra**, D. Dilip, D Rajasheker, S V Prasad. (Oral Presentation).
5. "Early Hemodynamic Study With The Carbomedics Bileaflet Valve In Small Aortic Root". 15th Biennial Congress of the Association of Thoracic and Cardiovascular Surgeons of Asia. December 6 – 9,2001 at Mumbai India. **A Chandra**, Dilip D, Rajashekher D, Srinivas K, Prasad SV, Rao MH, Subramanyam G. (Oral Presentation)
6. "Clinical Outcome Of Patients Undergoing Surgery For Atherosclerotic Peripheral Vascular Disease". 5th International Congress of the Asian Vascular Society "Challenges in Vascular and Endovascular Surgery" May 23 – 26, 2002, Singapore. **A Chandra**, Dilip D, Srinivas K, Rajashekhar D, Naik V. (Poster Presentation)
7. "Emergency Surgery for Massive Life threatening Haemoptysis: Experience at Tertiary Care centre" at the Golden Jubilee of V.P.Chest Institute International Conference on Chest Diseases and Allied Sciences, from January 12 - 14,2003, at India Habitat Centre, New Delhi, India. A. Chandra, A Mohan, D Dilip, MH Rao, M Kumarswamy Reddy.(Oral Presentation).
8. "Cilostazol In Intermittent Claudication : Preliminary Study" at the 6th International Congress of Asian Vascular Society" and "11th Annual Conference of Vascular Society of India" from November 3 – 6, 2004 at Bangalore. **A.Chandra**, Laxmi Y, Kalyan. (Oral Presentation)

9. "Mitral Valve Surgery for Rheumatic valvular disease in children aged 16 years and below" at the 17th Biennial Congress of the Association of Thoracic and Cardiovascular Surgeons of Asia (ATCSA) from November 20 – 23, 2005 at Manila, Phillipines. A.Chandra, D. Rajashekhar, K Srinivasu, Alok Samataray and Madhusudan Naidu. (oral Presentation)
10. "Clinical Findings and Management of Pulmonary Aspergilloma" at the 17th Biennial Congress of the Association of Thoracic and Cardiovascular Surgeons of Asia (ATCSA) from November 20 – 23, 2005 at Manila, Phillipines. **A.Chandra**, D. Rajashekhar, K Srinivasu, Alok Samataray and Madhusudan Naidu. (Poster Presentation).
11. "Morphogenic Protein Expression Of The Calcific Mitral Stenotic Valve In Patients With Rheumatic Heart Disease." at the 23rd Annual Meeting of the Asian Society for Cardiovascular and Thoracic Surgery - ASCVTS 2015 at Convention centre Hongkong which was held between 11th - 14th May 2015 **Chandra A1**, Sarma P 2 Department of CVTS1 and Biotechnology2, Sri Venkateswara Institute of Medical Sciences, Tirupati.(oral Presentation).
12. **"Importance of Myocardial Perfusion study in patients with poor LVEF: Surgeon's Perspective" at the World Congress on Cardiac Imaging & Clinical Cardiology (WCCICC -2019) at Mumbai between February 22-24 ,2019. (Oral Presentation)**

### *NATIONAL CONFERENCES*

1. "Negative Laparotomy for appendectomy" at the XI Annual conference of the U.P. Chapter of the Association of Surgeons of India (ASI) in Nov '85 at Allahabad. **A Chandra**, S.P.Saxena Y.V.S.Gahlaut.
2. "Bacteriological status of patients undergoing Prostatectomy" at the XI Annual conference of the U.P. Chapter of the ASI in Nov '85 at Allahabad. S.P.Saxena, **A Chandra**, Y.V.S. Gahlaut
3. "Abdominal masses in infants and children" at the XIV Annual conference of the U.P. Chapter of the ASI in Nov'88 at Aligarh. **A Chandra**, RS Chana
4. "Duplicate perineal anus" at the XIV Annual conference of the U.P. Chapter of ASI in Nov'88 at Aligarh. RS Chana, **A Chandra**, MH Khan .
5. "Comparison of in-vivo performance of Sorin and Medtronic Mechanical valve prosthesis" at the Annual conference of the IACTS in Feb '92 at Calcutta. **A Chandra**, A Das, K Prasad, A Khan , S Radhakrishnan , PK Ghosh.



6. "Clinical outcome of patients undergoing valve surgery" at 42nd Annual Conference of the Indian Association of Cardiovascular and Thoracic Surgeons, Feb.25 - 28, 1996, New Delhi, India. **A Chandra**, D.Dilip, P.Manoj, P.V. Ramnarayan, K.V.Naidu.
7. "Pulmonary function changes following Mitral Valve Surgery." at 42nd Annual Conference of the Indian Association of Cardiovascular and Thoracic Surgeons, Feb. 25 - 28, 1996, New Delhi, India. **A Chandra**, D.Dilip, S. Srivastava, K.V.Naidu.
8. "Hypomagnesemia in massively transfused open heart surgeries" at 43rd Annual Conference of the Indian Association of Cardiothoracic and Vascular Surgeons, Feb.20 – 23, 1997, Ooty, Tamil Nadu., India. D.Gupta, **A Chandra**, KSS Saibaba, S.Srivastava, KS Babu, B Bobji, D Dilip.
9. "Autologous transfusion in open heart surgeries" at National Conference and update in Cardio-Thoracic and Vascular Anaesthesia, Nov. 22-23, 1997, SGPGI, Lucknow. **A Chandra**, D.Gupta, S Srivastava, RK Jain.
10. "Role of vasodilators in the postoperative management of prolonged ischaemia following peripheral vascular injuries. A preliminary report", at the 4th Annual conference of Vascular Society of India, Dec,11-14,1997, Bangalore, Karnataka. **A Chandra**, S Kola, RS Iyer, D Dilip, P Manoj.
11. "Cyanoacrylate glue : use of as a surgical sealant to arrest bleeding from the vascular anastomotic sites" at the 44th Annual Conference of Cardiothoracic and Vascular Surgeons March 19-22, 1998 at Jaipur, Rajasthan. D Dilip, **A Chandra**, MH Rao, P Manoj, RS Iyer.
12. "Vasodilators in the postoperative management of prolonged ischaemia resulting from peripheral vascular injuries" at the 44th Annual Conference of Cardiothoracic and Vascular Surgeons March 19 - 22, 1998, at Jaipur, Rajasthan **A Chandra**, S Kola, SEV Prasad Rao, VVK Bharadwaj.
13. "Immunosuppressive effect of homologous transfusion after cardiac surgery" at the 44th Annual Conference of Cardiothoracic and Vascular Surgeons March 19 - 22, 1998, at Jaipur, Rajasthan. **A Chandra**, D Gupta, TV Rao, S Kola, VVK Bharadwaj, B Bobji, D Dilip.
14. "Management and clinical outcome of vascular repairs in monomelic injuries presenting after 10 hours" at the XXV Association of Surgeons of India - A.P.

Chapter (ASI APCON) September 11 – 13, 1998, at Tirupati, Andhra Pradesh. **A Chandra**, D Dilip, P Manoj, VVK Bharadwaj.

15. "Clinical outcome of patients with Thoracic Trauma" at the XXV Association of Surgeons of India - A.P. Chapter (ASI APCON) September 11 – 13, 1998, at Tirupati, Andhra Pradesh. **A Chandra**, D Dilip, P Manoj, D Gupta, S Reddy.
16. "Management and clinical outcome of vascular repairs in monomelic injuries presenting after 10 hours" at the fifth annual conference of Vascular Society of India, November 27 – 28, 1998, at Ahmedabad, Gujarat. **A Chandra**, D Dilip, P Manoj, VVK Bharadwaj, HC Shanmukh.
17. "Experience with Thoracic and Abdominal Aneurysms" at the fifth annual conference of Vascular Society of India, November 27 – 28, 1998, at Ahmedabad, Gujarat. **A Chandra**, D Dilip, D Radjashekar, P Manoj.
18. "Cyanoacrylate glue : use of as a surgical sealant to arrest bleeding from the vascular anastomotic sites" at the fifth annual conference of Vascular Society of India, November 27 – 28, 1998, at Ahmedabad, Gujarat **A Chandra**, D Dilip. ( By invitation).
19. "Pathological Aspects: Cyanoacrylate Glue : A Tissue Sealant", at the 58th Annual Conference of Association of Surgeons of India, December 26 – 30, 1998, at Ahmedabad, Gujarat D Dilip, **A Chandra**, B Srinivas.
20. "Bactremia and sternal Infections after open heart surgery. A study of the risk factors" at the 45th Annual Conference of Cardiothoracic and Vascular Surgeons February 25- 28, 1999, at Bhopal, Madhya Pradesh. **A Chandra**, D Dilip, A Chowdhary, D Gupta.
21. "Experience with Thoracic and Abdominal Aortic Aneurysms" at the 45th Annual Conference of Cardiothoracic and Vascular Surgeons February 25- 28, 1999, at Bhopal, Madhya Pradesh. **A Chandra**, D Dilip, D Rajashekhar, P Manoj, HC Shanmukh.
22. "Surgical Management and clinical outcome of aorto-iliac disease and femoropopliteal disease". Sixth Annual Conference of Vascular Society of India, Nov. 18 – 20, 1999 at Hyderabad, Andhra Pradesh . **A Chandra**, D Dilip, D Rajashekhar, P Manoj.
23. "Preservation of papillo-annular continuity in patients with mitral stenosis and mitral regurgitation". 45th Annual Conference of Cardiothoracic and Vascular



- Surgeons March 05 - 08, 2000, at Mumbai, Maharashtra. **A Chandra**, D Dilip, D Rajashekhar.
24. "Management of the Obliterative disease of the abdominal aorta (infra renal) and its distal branches". Seventh Annual Conference of Vascular Society of India, Nov. 16 – 19, 1999 at Chennai, Tamil Nadu . **A Chandra**, D Dilip.
  25. "Spectrum and Management of Chest Trauma Seen in Clinical Practice". 60th Annual Conference of the Association of Surgeons on India, December 25 – 30, 2000 at New Delhi. **A Chandra**, D Dilip, S V Prasad.
  26. "Clinical and Hemodynamic Evaluation of Patients undergoing double valve replacement" at the 47th Annual Conference of The Indian Association of Cardiovascular & thoracic Surgeons February 15 - 18, 2001, Kolkata, West Bengal. **A Chandra**, D Dilip, D Rajashekhar , MH Rao, SV Prasad, G Subramanyam.
  27. "Clinical outcome of Patients undergoing Surgery for Atherosclerotic Peripheral Vascular Diseases". Eighth Annual Conference of Vascular Society of India, Nov. 29 – December 02, 2001 at Pune, Maharashtra. **A Chandra**, D Dilip, Srinivas Kola, N Venugopal , Sudhir, D Rajashekhar, G Subramanyam.
  28. " A Retrospective Study Of Blunt And Penetrating Injuries Of The Chest". at the 48th Annual Conference of The Indian Association of Cardiovascular and thoracic Surgeons at Chennai between February 14 - 17, 2002, **A Chandra**, Dilip D, Srinivas K, Srikrishna S, Rao MH, Prasad SV, Satyanarayana PV, Ganesan C.
  29. " Surgery for Thoracic Tuberculosis: experience at a Tertiary Care Institute". at the 48th Annual Conference of The Indian Association of Cardiovascular and thoracic Surgeons at Chennai, between February 14-17, 2002 **A Chandra**, Dilip D, Mohan A, Srinivas K, Srikrishna S.
  30. "Management of Deep Venous Thrombosis and its sequelae." 9th Annual National Conference of Vascular Society of India at Kodaikanal, South India between October 10 - 13, 2002. **A Chandra**, Kalawat TC, Naik V, Prabhakar Rao.
  31. "Management of Hemoptysis: Bronchial artery embolization vs surgical resection" at 49th Annual Conference of The Indian Association of Cardiovascular and thoracic Surgeons at Hyderabad, between February 13-16, 2003 **A Chandra**, Mohan A, V Naik, D Dilip, MH Rao, P Rao, MSR Murthy. (Poster Presentation)

32. "Clinical Characteristics, Microbiological Profile and Outcome of Surgery in 79 HIV negative patients with Empyema Thoracis" at 50th Annual Conference of The Indian Association of Cardiovascular and thoracic Surgeons at New Delhi, between February 19-22,2004 **A Chandra**, Mohan A, Kodandapani C, Srinivas B, Rao MH, Reddy MK, Choudhary A.
  
33. "Intermittent Warm Blood Cardioplegia vs Cold Blood Cardioplegia: Effect on Left Ventricular Function and perioperative outcome" at 50th Annual Conference of The Indian Association of Cardiovascular and thoracic Surgeons at New Delhi, between February 19-22,2004 **A Chandra**, Rajashekhar D, Kola S, Rao MH, Satyanarayana V, Kodandapani C, Gupta D, Subramanyam G.
  
34. "A retrospective Study of 104 patients of Empyema Thoracis: Clinical Review, Pathological Profile and Surgical Outcome" at 50th Annual Conference of the International College of Surgeons ( Indian Section) at India Habitat Center, New Delhi between October 28 – 31, 2004. **A Chandra**, A Mohan, C Kodandapani, M.H. Rao, M.K. Reddy, A. Choudhary.
  
35. "Emergency Surgical Resection Vs Bronchial Artery Embolization For Massive Life Threatening Haemoptysis" at the 64th Annual Conference of Association of Surgeons of India, between 26th – 30th December, 2004 at Hyderabad. **A. Chandra**, A Mohan, M.H. Rao, M K Reddy, Venugopal.
  
36. "Intelligent use of Cardiectomy reservoir and a blood retrieval system during surgical resection of Suprahepatic membrane in a patient with Budd Chiari syndrome: A Case Report" at 51st Annual Conference of The Indian Association of Cardiovascular and thoracic Surgeons at Kochi, between February 17-20,2005 **A Chandra**, C Kodandapani, A Samantaray, MS Naidu. (Poster Presentation)
  
37. "Clinical and Hemodynamic Outcome of patients in NYHA Functional Class III and IV following valve Replacement" at 51st Annual Conference of The Indian Association of Cardiovascular and thoracic Surgeons at Kochi, between February 17-20,2005 **A Chandra**, D Rajashekar, MH Rao, A Samantaray, MS Naidu.
  
38. "Atherosclerosis Peripheral Arterial Disease of the Lower Limb: Surgical Management and the clinical Outcome" at the 12th Annual Conference of Vascular Society of India, Thiruvanthapuram, Kerala, between November 11 13,2005. **A Chandra**, Srinivas Kola, D. Rajashekhar, Y Lakshmi, M.H. Rao. (For oral presentation)
  
39. "Clinical Findings and Management of Pulmonary Aspergilloma". LXV Annual Conference of the Association of Surgeons of India and SAARC surgeons congress, at Jaipur Rajasthan between 25<sup>th</sup> and 30th December 2005. **A Chandra**, A Mohan, B.V. Phaneendra, A Samantray.

40. "Early clinical outcome with TTK Chitra valve in Aortic position". 52nd Annual Conference of Indian Association of Cardiovascular – Thoracic Surgeons, Bangalore, Karnataka between 23rd – 26th February 2006. **A Chandra**, D Rajashekhar, A Samantaray and M.H Rao.
  
41. "Solitary Pulmonary Nodule: Experience at a tertiary care teaching hospital". 52nd Annual Conference of Indian Association of Cardiovascular – Thoracic Surgeons, Bangalore, Karnataka between 23rd – 26th February 2006. **A Chandra**, A Mohan, M.H Rao, M K S Reddy.
  
42. "Pulmonary Aspergilloma: clinical findings and management" 52nd Annual Conference of the International College of Surgeons ( Indian Section) at Hotel Cidade de Goa, Panjim Goa between October 5th – 8th, 2006. **A Chandra**, A Mohan, BV Phaneendra, A Samantaray .
  
43. Clinical review, pathological profile and surgical outcome of Empyema thoracis: A retrospective study. 52nd Annual Conference of the International College of Surgeons ( Indian Section) at Hotel Cidade de Goa, Panjim Goa between October 5th – 8th, 2006. **A Chandra**, A Mohan, A Samantaray, MKS Reddy and A Choudhary.
  
44. Clinical and Hemodynamic evaluation of Mitral Valve Surgery in Children aged 16 years and below. 53rd Annual Conference of The Indian Association of Cardiovascular and thoracic Surgeons at Jaipur, between February 08-11,2007. **A Chandra**, D Rajashekhar, A Samantaray and S Kola.
  
45. "Surgery for bronchiectasis and its clinical outcome". 53rd Annual Conference of the International college of surgeons (Indian Section) at hotel Clark Shiraz, Agra, U.P. between October 25th –28th 2007. **A Chandra**, A Mohan, Bala Subramani and MKS Reddy.
  
46. "Coronary Artery fistula – Clinical consideration and surgical management" 53rd Annual Conference of Indian Association of Cardiovascular – Thoracic Surgeons, Pune, Maharastra, between 21st – 24th February 2008. **A.Chandra**, D Rajashekhar, G Balasubramani, VM Naidu. (Poster presentation)
  
47. "Agenesis of infrarenal part of the Abdominal Aorta – A rare Presentation" at 57th Annual Conference of Indian Association of Cardiovascular and Thoracic surgeons, CTCON 2011 at Mahabalipuram, Tamil Nadu between 16th Feb. – 20th Feb., 2011. M Hareesh, **A Chandra**, Chandramouli, Ravikiran and Motilal. (Poster Presentation).

48. "Mediastinal Tumors : SVIMS experience" **A. Chandra** at 71st Annual Conference of Association of Surgeons of India, between 25th – 30th December, 2011 at Kochi, Kerala.
49. "Solitary Pulmonary lesions : Experience at a tertiary care teaching hospital" **A. Chandra** at 71st Annual Conference of Association of Surgeons of India, between 25th – 30th December, 2011 at Kochi, Kerala.
50. "Morphogenic protein expression of the calcific mitral stenotic valve in patients with rheumatic heart disease" **A. Chandra** at the 59th Annual Conference International College of Surgeons – Indian Section ICSISCON 2013, Scientific Convention centre, King George's Medical University, Lucknow Uttar Pradesh, between 8th -10th November, 2013.
51. Intrathoracic rupture of hepatic hydatidosis - case report. **A. Chandra**, Tirupati  
12.00– 1.15pm : Short Paper Session 73rd Annual Conference Of The Association Of Surgeons of India , ASICON 2013, Ahmedabad, Gujarat held between 24/12/2013 TO 29/12/2013 at Gujarat University Convention and Exhibition Center, Helmet Circle, Memnagar, Ahmedabad.
52. Management of tracheal stenosis **A. Chandra**, Tirupati  
2.00– 1.15pm : Short Paper Session 73rd Annual Conference Of The Association Of Surgeons of India , ASICON 2013, Ahmedabad, Gujarat held between 24/12/2013 TO 29/12/2013 at Gujarat University Convention and Exhibition Center, Helmet Circle, Memnagar, Ahmedabad
53. "Morphogenic protein expression of the calcific mitral stenotic valve in patients with rheumatic heart disease" **A. Chandra** at the 60th Annual Conference of Indian Association of Cardiovascular and Thoracic Surgeons between 20th – 23rd February 2014, Kovalam, Kerala, India
54. 61st Annual Conference of Indian Association of Cardiovascular and Thoracic Surgeon at HICC Hyderabad, Telangana between 19 – 22, Feb. 2015 and presented the following guest Lectures:
  - a. "Complex Surgery Tuberculosis" **A. Chandra** delivered on 19th Feb. 2015
  - b. Godrej Karai Oration delivered on " Solitary Pulmonary nodule: An Experience at a Tertiary Care teaching hospital in south India." **A. Chandra**
55. "Lasers and Cardio-thoracic surgery" on 20th August 2015. **A. Chandra** "21st Conference of International Society of Laser in Surgery and Medicine (ISLSM 2015)" which was held between 19th and 22nd August 2015 in Indore.

56. "IACTS midterm Thoracic CME" organized by the Department of Cardiovascular and Thoracic surgery at Sri Padmavathi Auditorium, Sri Venkateswara Institute of Medical Sciences, Tirupati, Andhra Pradesh held between 21 – 22 November 2015 and **A. Chandra** delivered lecture on:
  - a. Bronchial valve in treatment of severe emphysema
  - b. Chest wall deformities
57. "Solitary Pulmonary Nodule –A perplexing diagnostic problem" on 19, December 2015. **A. Chandra** at the 75th Annual Conference of the Association of Surgeons of India , at Gurgaon held between 16th – 20th December 2015.
58. "Surgery for pleuropulmonary Tuberculosis." **A. Chandra** 62nd Annual Conference of Indian Association of Cardiovascular and Thoracic Surgeon at SGPGIMS, Lucknow between 18 – 21, Feb. 2016.
59. "SOL in Lungs - evaluation and management" **A. Chandra** at the " Video Assisted Thoracic Surgery workshop and Thoracic CME" organized by the Department of Cardiovascular and Thoracic surgery at Rajiv Gandhi Institute of chest disease. Bangaluru and Indian Association of Cardiovascular and Thoracic Surgeons (IACTS) between 4 – 6 November 2016.
60. "Solitary Pulmonary Nodule: Experience At A Tertiary Care Teaching Hospital In South India" **A. Chandra** as faculty at the 62<sup>nd</sup> Annual Conference of the International College of Surgeons ICSIS-2016 at Guwahati, Assam held between 11<sup>th</sup> to 12<sup>th</sup> November 2016.
61. "Management of Secondaries in lung" **A. Chandra** as faculty on 17, December 2016 at the 76<sup>th</sup> Annual Conference of the Association of Surgeons of India, at Karnataka open University, Mysore held between 14<sup>th</sup> – 18<sup>th</sup> December 2016.
62. 'Symposium - Esophagus' - Mediastinitis - How aggressive one should be?. **A. Chandra** as faculty At the "63<sup>rd</sup> Annual meeting of Indian Association of Cardiovascular Thoracic Surgeons" IACTSCON 2017 at Bengaluru during 23-26 February 2017.
63. "Differential Diagnosis Of Swollen Limb" **A. Chandra** as faculty at the VAICON 2017 (10th Annual Conference of Venous Association of India) at Varanasi from 2-4 March 2017
64. "Solitary Pulmonary nodule". **A. Chandra** as faculty at 15<sup>th</sup> Annual Conference of Association of Thoracic & Vascular Surgeons of India held at hotel Taj Banjara on Sunday 30<sup>th</sup> July, 2017.

65. "Chest Injuries", **A. Chandra** as faculty at the IACTS National Thoracic CME 2017 held at Seminar Hall, Madras Medical College, Department of Cardiothoracic Surgery Chennai on 4<sup>th</sup> and 5<sup>th</sup> November, 2017
66. "Hemostats and sealants in surgery" **A. Chandra** as faculty at the 77<sup>th</sup> Annual Conference of the Association of Surgeons of India, Jaipur which was held between 27<sup>th</sup> – 30<sup>th</sup> December 2017.
67. "Lung Resection on Cardiopulmonary bypass" **A. Chandra** as faculty at the "64th Annual meeting of Indian Association of Cardiovascular Thoracic Surgeons" IACTSCON 2018 at Vishakhapatnam during 23-26 February 2018
68. "Current Concepts in management of adult ECMO" **A. Chandra** as faculty at the IACTS technocollge Cardiac CME-2018" at Kanpur U.P. theme "emerging technologies.... Together towards tomorrow" held on 5th and 6th May 2018
69. "Vascular Armamentarium" **A. Chandra** as faculty at the 1st ENDOVASCULAR CME Evolution 2018 : EVL master class south chapter in association with the Vascular Society of India at hotel Novatel Varun Beach Vishakhapatnem on 5th August 2018
70. " Use of ECMO in Thoracic Surgery" **A. Chandra** as faculty at the 16th annual Conference of Association of Thoraco-Vascular Surgeons of India (ATVSI) which was held between 18th and 19th August 2018 at Indore Madhya
71. At the 78th Annual Conference of the Association of Surgeons of India, Chennai which is to be held between 26th – 30th December 2018 **A. Chandra** as faculty delivered a lectures on:
  - a. "Lung Resection of Cardiopulmonary Bypass"
  - b. "Control of bleeding in vascular surgery and role of topical hemostats"
72. "Thoracic Hydatids". **A. Chandra** as faculty at the "4<sup>th</sup> National Conference Thoracic Endoscopy Society jointly with 1<sup>st</sup> National conference of Indian Society of Thoracic Surgeons at Vivekananda Institute of Medical Sciences, Kolkata between January 19-20, 2019.
73. "Medical Thoracoscopy" **A. Chandra** as faculty Coordinator for the panel discussion for Medical Thoracoscopy at the "the Master class in managing Thoracic disease" workshop CME, 2<sup>nd</sup> March 2019 at SUM hospital SOA, Bhubhaneswar Odisha.

74. "Update on medical Thoracoscopy" **A. Chandra** as faculty chaired the session on Medical thoracoscopy at the "Rayalaseema Interventional Pulmonology Update 2019" on 21<sup>st</sup> April 2019 and was the **guest of honour** for the Continuing Medical education program.,
75. "Mitral valve replacement" **A. Chandra** as a panelist at the Cardiac Surgical skill course at Chittinad Medical College at Chennai on 22<sup>nd</sup> June, 2019.
76. "Medical Thoracoscopy in different clinical scenario " **A. Chandra** as faculty at the " Annual Conference of Andhra state Chapter of Respiratory Medicine .Pulmonology" 3<sup>rd</sup> and 4<sup>th</sup> August 2019 .
77. "Newer vascular and endovascular grafts". **A. Chandra** as faculty at the EVOLUTION 2019: EVL Master class South Chapter, 2<sup>nd</sup> Endovascular CME at Visakhapatnam on 4<sup>th</sup> August, 2019.
78. At the Annual meeting of the ATVSI 2019 at Dr.K.N.Udupa Auditorium, IMS, BHU on 6<sup>th</sup> October, 2019. **A. Chandra** as faculty delivered two invited lecture on :
  - a. "Aspergilloma : An Experience at a tertiary Care centre"
  - b. "Vascular armamentarium"
79. "Solitary Pulmonary nodule: A diagnostic dilemma" **A. Chandra** as faculty at the Indian Association of Cardio Vascular – Thoracic Surgeons Thoracic CME – at Government Medical College , Jammu between 15- 16, November, 2019.
80. "Role of statins in Acute Mountain sickness" **A. Chandra** as faculty at the continuing Education programme (CEP) on "Pathophysiology of high attitude diseases"of DRDO held at Defence Institute of Physiology & Allied Sciences at Delhi between 19 -21 November, 2019.
81. "Pulmonary Aspergilloma : an experience at a tertiary Hospital", **A. Chandra** as faculty at the 79<sup>th</sup> Annual Conference of Association of Surgeons of India (ASICON 2019) from 18<sup>th</sup> to 21<sup>st</sup> December 2019 SOA University, Bhubhaneswar, Odisha.
82. " Sealants and Hemostasis" **A. Chandra** as faculty at the Annual conference of the American College of Surgeons India Chapter 2020,(GURUKKUL ACSCON – 2020) in New Delhi ( India) between 2<sup>nd</sup> – 5<sup>th</sup> January 2020,
83. "Approach to a patient with recurrent hemoptysis" **A. Chandra** as faculty at the "2<sup>nd</sup> Annual National Conference of Indian Society of Thoracic Surgeons ISTSCON 2020 at National Institute of Tuberculosis and Respiratory Diseases, New Delhi, India between January 18<sup>th</sup> and 19<sup>th</sup> 2020.She participated as a faculty for the theme of "Transition of Thoracic Surgery from Conventional to Minimally Invasive Surgery Challenges and Opportunities Ahead"



84. "Medical Thoracoscopy" **A. Chandra** as Faculty at the 66<sup>th</sup> Annual conference of Indian Association of Cardiovascular Thoracic Surgeons, IACTSCON 2020 held at The Forum, Ahmedabad from 6<sup>th</sup> to 9<sup>th</sup> February, 2020.

## CO AUTHOR FOR PAPERS PRESENTED IN CONFERENCES:

### INTERNATIONAL CONFERENCES

1. "Valve surgery under 16 years of age" at the 4th World Congress of the International Society of Cardiothoracic Surgeons in Feb '94 at Jerusalem.. P.Ghosh, L. Kapoor, **A Chandra**.
2. "In vivo performance of Mitral Mechanical valve Prosthesis: Comparison of Medtronic-Hall and Sorin valves" at the 4th World Congress of the International Society of Cardiothoracic Surgeons in Feb '94 at Jerusalem. P Ghosh, **A Chandra**, L Kapoor, CG Sanjeev .
3. "Hypomagnesemia in massively transfused hearts" 50th Annual meeting of American Association of Blood Bank, Oct. 18 - 22, 1997, Denver, Colorado, U.S.A. D Gupta, **A Chandra**, KSS Saibaba.
4. "Incidence of post-transfusion HIV in patients receiving Autologous and Allogenic Blood Transfusion" at 12 th World AIDS Conference, from June 28 - July 3, 1998 at Geneva, Switzerland. D. Gupta, **A Chandra**.
5. "The epidemic factors and the nutritional status of the HIV infected patients from southern India" at the 5th International conference on HIV in Asia and South Pacific from Oct 22-25, 1999 at Kuala Lumpur. D. Gupta, **A Chandra**.
6. "Tuberculosis in the Emergency Room : A Cause of concern." 97th International Conference of American Thoracic Society from May 17 till 21, 2001 at San Francisco, United States of America. A Mohan, **A Chandra**, CV Harinarayana, B Vengamma, MH Rao, Sivashanker P.
7. Effect of Hyperglycaemia on Anti- Arrhythmic Property of magnesium therapy in Cardiac Surgery patients. Annual conference of American Society of Anaesthesiologists from October 17 – 21, 2009, New Orleans, LA, USA. A. Samantaray, **A.Chandra**, S. Panigrahi.
8. A Comparison of adaptive pressure ventilation and pressure controlled ventilation in Cardiac surgery. Annual conference of American Society of Anaesthesiologists from October 17 – 21, 2009, New Orleans, LA, USA. A. Samantaray, MH Rao, S Deshmukh, **A.Chandra**, A Sachin.



## NATIONAL CONFERENCES

1. "Surgical management of aortic regurgitation in patients with VSD" at the Annual conference of the IACTS in Feb '93 at Hyderabad. A Das, S Shah, **A Chandra**, M Lal, S Radhakrishnan, AK Ganjoo, AK Srivastava, TS Mahant.
2. "CABG in patients with LV dysfunction" at the Annual conference of the IACTS in Feb '93 at Hyderabad. M Lal, **A Chandra**, S Shah, A Das, PK Goel, N Sinha, AK Ganjoo, AK Srivastava, TS Mahant.
3. "Management of pulmonary bifurcation obstruction in classical Tetralogy of Fallot" at the Annual conference of the IACTS in Feb '93 at Hyderabad. S Shah, A Das, M Lal, **A Chandra**, S Radhakrishnan, AK Ganjoo, AK Srivastava, TS Mahant, S Srivastava.
4. "Valve replacement in Native Valve Endocarditis" at the Annual conference of the IACTS in Feb '93 at Hyderabad. S Shah, A Das, **A Chandra**, R Bajaj, N Sinha, AK Ganjoo, AK Srivastava, TS Mahant.
5. "Valve surgery in children below 15 for acquired lesions" at the 40th Annual conference of the IACTS in Feb '94 at Agra. L Kapoor, **A Chandra**, P Ghosh.
6. "Surgical experience with infants weighing less than 10 kg lessons learnt" at 41st Annual Conference of the Indian Association of Cardiovascular Thoracic Surgeons, Feb. 23 - 26, 1995, Bangalore, India. S.K.Agarwal, P.K.Mittal **A Chandra**, V.Singh, A.Bapat.
7. "Inovative circuit using peadiatric oxygenator for adult patients" at 42nd Annual Conference of the Indian Association of Cardiothoracic and Vascular Surgeons, Feb. 25 - 28, 1996, New Delhi, India. GN Kumar, VMS Naidu, TL Pathy, LV Priya, KV Naidu, D Dilip, PV Ramnarayan, P Manoj, **A Chandra**.
8. "Spirometric Changes following open mitral valve replacement" at XLIV Annual National Conference, Indian Society of Anaesthesiologists ( member of World federation of societies of Anaesthesiologists, Dec. 27 - 30, 1996, Hyderabad, A.P.,India. S Srivastava, **A Chandra**, D Dilip, P. Manoj, M.H. Rao. Awarded 2nd Prize in the Poster Bay.
9. "Our Experience with Normothermic body and cold heart" at 43rd Annual Conference of the Indian Association of Cardiothoracic and Vascular Surgeons, Feb. 20 - 23, 1997, Ooty, T.N., India. PCK Reddy, GS Reddy, VMS Naidu, GM Kumar **A Chandra**, D Dilip. Awarded 1st Prize.

10. "Heparin-coated and uncoated membrane oxygenators - A comparative study" at 43rd Annual Conference of the Indian Association of Cardiothoracic and Vascular Surgeons, Feb. 20 - 23, 1997, Ooty, T.N., India. G Naveen, VMS Naidu, **A Chandra** , D Dilip.
11. "Comparative study between Jet and Conventional ventilation for Bronchoscopic removal of foreign bodies in children at 43rd Annual Conference of the Indian Association of Cardiothoracic and Vascular Surgeons, Feb. 20 - 23, 1997, Ooty, T.N., India. RK Jain, MH Rao, P Manoj, S Srivastava , D Dilip , **A Chandra**.
12. "Hypomagnesemia in massively transfused hearts" 32nd Annual Conference of Indian Society of Hematology and Blood transfusion, Dec 18 - 20, 1997, at Calcutta. D. Gupta, **A Chandra**, KSS Saibaba.
13. "Our experience with continuous normothermia warm blood cardioplegia" at the 44th Annual conference of Cardiothoracic and Vascular Surgeons, March 19 - 22, 1998, at Jaipur, Rajasthan. VMS Naidu, **A Chandra**, PCK Reddy, GS Reddy, D Gupta, R Jain, D Dilip.
14. "Clinical outcome of patients developing arrhythmias after open heart surgery" at the 44th Annual conference of Cardiothoracic and Vascular Surgeons, March 19 - 22, 1998, at Jaipur, Rajasthan. N Sarala, **A Chandra**, RS Iyer, D Dilip, P Manoj, Prabhavathi.
15. "Experience with forty hydatid cysts of the lung" at the 44th Annual conference of Cardiothoracic and Vascular Surgeons, March 19 - 22, 1998, at Jaipur, Rajasthan. P Manoj, D Dilip, RS Iyer, **A Chandra**, K Srinivas.
16. "Incidence of Post-transfusion HIV in the various transfused categories" at International Conference on Organization and Management of Blood transfusion services from Nov 22-25, 1998 at Mumbai, Maharastra. D. Gupta. **A Chandra**.
17. "Chronic Hemothorax as a result of contained rupture of aortic aneurysm in a patient with aberrant right subclavian artery" at The South Indian Chapter of the American College of Chest Physicians (Chest Meet 2003) at Chennai from 18 – 20 July 2003. A Sreedhar, A Mohan, **A Chandra**, M Venkatarananappa, R Premanand.
18. "Surgical management of the Diaphragmatic Injuries" 52nd Annual Conference of Indian Association of Cardiovascular – Thoracic Surgeons, Bangalore, Karnataka between 23rd – 26th February 2006. **A Chandra**, G Balasubramani, A Samantaray, M.H Rao and R Sonawane.
19. "Paradoxical reaction in HIV – negative patients while on treatment for tuberculosis." A Mohan, **A Chandra**, B Vengamma, MK Reddy. J Assoc Physicians India 2007 (www.Japi.org.feb 2007).

20. "Coronary Artery fistula – Clinical consideration and surgical management" at the 54th Annual Conference of The Indian Association of Cardiovascular and thoracic Surgeons at Pune, February 2008. **A.Chandra**, D Rajashekhar, G Balasubramani, VM Naidu. (Poster presentation).
  
21. "Right Atrial Thrombus Associated With Deep Venous Thrombosis Of The Left Lower Limb" at "59th Annual Meeting of Indian Association of Cardiovascular and Thoracic Surgeons (IACTS)". Venue: Renaissance Mumbai Convention Centre Hotel, Near Chinmayanand Ashram, Powai, Mumbai between 14.02.2013 till 17.02.2013. **A. Chandra**, Megavath Motilal, Murali Hareesh, Madhusudan Naidu, Ravi Kiran.
  
22. "Intrathoracic Rupture Of Hepatic Hydatidosis – A Case Report." At the 60th Annual Meeting of the Indian Association of Cardiovascular and Thoracic Surgeons (IACTSCON 2014) at Kovalam, Trivandrum, Kerala from 20th – 23rd, February 2014. Presented as E Poster. **A.Chandra**, N Ashok.
  
23. "Post Tracheostomy Tracheal Stenosis – a case report" at the 60th Annual Meeting of the Indian Association of Cardiovascular and Thoracic Surgeons (IACTSCON 2014) at Kovalam, Trivandrum, Kerala from 20th – 23rd, February 2014. Presented as E poster. **A. Chandra**, Harivadan Lukka.
  
24. "Is it so much beneficial to repair moderate Tricuspid Regurgitation concomitantly in chronic Rheumatic left heart valvular disease? A Prospective Randomized study." At the 61st Annual Conference of Indian Association of Cardiovascular and Thoracic Surgeon at HICC Hyderabad, Telangana between 19 – 22, Feb. 2015. **A. Chandra**, N Ashok
  
25. "Surgical Management of intrathoracic Rupture of hepatic Hydatosis: Review of Literature" at the 62nd Annual meeting of Indian Association of Cardiovascular and Thoracic surgeons at SGPGIMS, Lucknow held between 18th to 21st Feb.,2016. **A. Chandra**, A Samantaray, Harivadan Lukka
  
26. "Solitary Metastasis of Malignant Melanoma to the Right atrium: A Case Report". at the 62nd Annual meeting of Indian Association of Cardiovascular and Thoracic surgeons at SGPGIMS, Lucknow held between 18th to 21st Feb.,2016. **A. Chandra**, Manishi L Narayan, Harikrishna Murthy
  
27. Surgical option for repair of Ventricular septal defect with severe Pulmonary arterial hypertension and bidirectional shunt. at the 62nd Annual meeting of Indian Association of Cardiovascular and Thoracic surgeons at SGPGIMS, Lucknow held between 18th to 21st Feb.,2016. **A. Chandra**, Harikrishna Murthy Vanajakshamma V, Samantaray A.
  
28. "Dual exposure technique for surgical management of Ruptured sinus of Valsulva into the right Ventricular outflow tract" at the 62nd Annual meeting of Indian Association of Cardiovascular and Thoracic surgeons at SGPGIMS, Lucknow held between 18th to 21st Feb.,2016. **A. Chandra**, Kalyanirama D, Rajashekhar D, Samantaray A.

## GUEST / INVITED LECTURES DELIVERED

1. "Guidelines for prevention of HIV in a surgical setting" at the 11th course on actions plans for HIV-AIDS control in India. Organised and conducted by the Indian Socieity of health administrators at Sri Venkateswara Institute of Medical Sciences, Tirupati from 20th– 24th Nov '95.
2. "Recent trends in Cardiac Surgery" at the Doctor's Day celebration of Indian Medical Association at Anantpur, A.P. on July 1,2000.
3. "Mitral valve Surgery" at the Doctor's Day celebration of Indian Medical Association at Chittoor, A.P. on July 2, 2000.
4. "Drugs for controlling bleeding diasthesis" 25th Annual Conference of Indian Society of Blood transfusion and immunohaematology, Tirupati, Andhra Pradesh, Nov.: 10 – 12, 2000.
5. "Recent Advances in Valve Surgery Including Robotic" at 61st Annual Conference of the Association of Surgeons on India, December 25 – 30, 2001 at Patna, Bihar.
6. "Surgery for Pulmonary Tuberculosis" 61st Annual Conference of the Association of Surgeons on India, December 25 – 30, 2001 at Patna, Bihar.
7. "You and Your Heart" in a workshop held at the Bhimadole Society, between June 14,2002 at Bhimadole, West Godavari, Andhra Pradesh.
8. "Surgical management of Acute venous thrombosis" at the 9th Annual Conference of Vascular Society of India between October 10-13,2002 at Kodaikanal, Tamil Nadu, South India.
9. "Management of Thoracic Injuries" at the CSEP programme of the 48th Annual Conference International College of Surgeons (Indian Section) between November 14-17,2002 at Ranchi, Jharkhand, India.
10. "Thyroid and Heart" at the 62nd Annual Conference of The Association of Surgeons of India between December 25-30,2002 at Kolkatta.
11. "Medical Therapy Of Peripheral Vascular Disease And Role Of Cilostazol" guest lecture at a symposium organized on 23.05.03 at Hotel Bliss, Tirupati.
12. "Peripheral Arterial Disease And Its Management" chaired by Dr. G. Eswara M.D. Professor of Medicine GGH, Vijaywada held on 29.06.03

13. "Management Of Peripheral Arterial Disease" guest lecture at Kurnool held on 28.09.03.
14. "Surgery For Pleuro–Pulmonary Tuberculosis" a Guest Lecture at the 49th Annual Conference of International College of Surgeons (Indian Section), September 4-7,2003 at Chennai, India.
15. "Telemedicine And Its Application" an invited lecture at the Annual Conference of the Biotechnology and Bioinformatics held at Sri Venkateswara Institute of Medical Sciences, Tirupati between December 11,2003 to December 13,2003.
16. "Management of Post-surgical Infections" held on Feb. 14,2004 at a CME held at Tirupati.
17. "Applications of Telemedicine" Dr. Arthur De Sa Memorial Continuing Surgical Education Programme" held on 28th October 2004, at 50th Annual Conference of The International College of Surgeons (Indian Section) at India Habitat Center, New Delhi.
18. "Chest wall Injuries" at the CME session of the XXVIII Annual Conference , Association of Surgeons of India – A.P. Chapter, Nellore, Andhra Pradesh between September 23 – 25,2005.
19. "Surgical Management of thoracic Aneurysms" : Symposium on Aneurysm. LXV Annual Conference of the Association of Surgeons of India and SAARC surgeons congress, at Jaipur Rajasthan between 25th and 30th December 2005.
20. "An Overview of the Iatrogenic Injuries during Cardiac Interventions". 52nd Annual Conference of International College of Surgeons (Indian Section), October 5th – 8th,2006 at Panjim, Goa, India.
21. "Surgical Management of Bronchiectasis" New Horizons in Pulmonology – Thoracic Surgery and Critical Care organized by the Department of Pulmonology and Thoracic Surgery and Medical Intensive Care, Fortis Flt. Lt. Rajan Dhall Hospital, Vasant Kunj, New Delhi, India from August 25 to 26, 2007, at the Grand Vasant Kunj, New Delhi.
22. "Future Directions in Cardiac Surgery" at the 53rd Annual Conference of International College of Surgeons (Indian Section), October 25th –28th,2007 at Agra, U.P. India.
23. "Paediatric Empyema Management" at the Xth Annual Conference of Indian Association of Paediatric Surgeons – A.P. Chapter, S.V. Medical College, Tirupati. 8th – 9th December, 2007.

24. "Peripheral Arterial Disease And Its Management": at the continuing Medical education : Foot Rec Con at Indian Medical Association, New Delhi on August 31,2008.
25. " Thoracic Outlet Syndrome" at the 27th Annual Conference KSC ASICON / ASI South zone between 20 – 22nd, 2009.
26. "Thoracic Outlet Compression Syndrome" at 55th Annual Conference of International College of Surgeons – Indian Section.(ICS IS Goldencon 2009, at Guru Nanak Dev University, Amritsar (Punjab), on 31 October 2009.
27. "Management of Chest Trauma" at 71st Annual Conference of Association of Surgeons of India, between 25th – 30th December, 2011 at Kochi, Kerala.
28. "Healthy heart" at the National Integration camp, NCC, Tirupati, A.P. on 11th January 2012.
29. "Awareness on lung cancer" at the National Integration camp, NCC, Tirupati, A.P. on 11th January 2012
30. "Review of Cardiac Anatomy" A Regional workshop on "ECG interpretation – An Essential Skill for Nurses" at the Aragonda Apollo College of Nursing, Aragonda on 23rd January 2012.
31. "Conduction system and electro Physiology" A Regional workshop on "ECG interpretation – An Essential Skill for Nurses" at the Aragonda Apollo College of Nursing, Aragonda on 23rd January 2012.
32. "Systolic anterior motion after mitral valve repair" IInd National Heart Valve Summit, New Delhi, between 27th to 29th January 2012.
33. Symposium - Thoracic Surgery of Pulmonary TB Revisited Operative Procedures in Thoracic Tuberculosis: on 11th February 2012 at 58th Annual Meeting of Indian Association of Cardiovascular and Thoracic Surgeons (IACTS) & First Joint Workshop with EACTS to be held on 8th to 12th February, 2012 at hotel Hyatt Regency, Kolkata.
34. "Surgical Advances in mitral valve surgery" CME: Department of Cardiology and CVT Surgery, SVIMS, Tirupati 03.03.2012 Sri Padmavathi Auditorium, SVIMS, Tirupati.
35. "Ventricular Assist Devices: Advances in Technology". CME: Department of Cardiology and CVT Surgery, SVIMS, Tirupati 03.03.2012 Sri Padmavathi Auditorium, SVIMS, Tirupati.

36. "Ruptured infrarenal AAA repair: logistics & Techniques. How I do it: Aortoiliac occlusion with renal involvement". 5th Vascular Society of India Medterm meet at 15.06.2012 till 17.06.2011 at Radisson, Mahabalipuram, Chennai.
37. Lecture delivered at the Dr. Arthur E Desa Memorial Continuing Surgical Education Programme : " Video-assisted thoracic surgery: basic technical concepts and approach strategies" presented at the C. S. E. P. during the 59th Annual Conference of International College of Surgeons, Indian Section being held at Lucknow from 8th November to 10th November 2013 at scientific convention centre, King George's Medical University, U.P., Lucknow.
38. Guest Lecture: Chest Trauma and ARDS on 19.11.2014 at the Era's Medical College and Hospitals, Lucknow.
39. Surgical Management of Bronchiectasis at Thoracic Surgery 2013 CME cum workshop under the auspices of Indian Association of Cardiovascular and Thoracic Surgeons held between 14 – 15, December 2013 by Department of Cardiovascular and Thoracic Surgery, Jawahar Lal Nehru Medical college, Aligarh Muslim University Aligarh, Uttar Pradesh, India.
40. Symposium on Newer Vistas in Cardiac care: "Conduits at our disposal in cardiac surgical armamentarium." at the International Conference on Cardiovascular diseases, organised by the Sri Sathya Sai Institute of Higher Medical Sciences( SSSIHMS), Prasanthigram, Puttaparthi, Andhra Pradesh between 14 -15, December 2013.
41. "Laser in Cardio – Thoracic Surgery" ASICON 2013, Ahmedabad Hall - H Sectional Program Association of Thoracic & Cardiovascular Surgeons of India) 28th December 2013 11.30 – 12.00pm
42. "Peripheral Arterial occlusive Disease of the lower limb" delivered lecture at the CME and interactive session on "Peripheral Arterial Occlusive Disease and Grafts and conduits available in vascular armamentarium conducted by Department of Cardiovascular Thoracic Surgery, SVIMS, Tirupati on 22nd September 2014 and delivered two lectures on :
43. "Vascular grafts and conduits used as arterial substitutes" delivered lecture at the CME and interactive session on "Peripheral Arterial Occlusive Disease and Grafts and conduits available in vascular armamentarium conducted by Department of Cardiovascular Thoracic Surgery, SVIMS, Tirupati on 22nd September 2014 and delivered two lectures on :
44. "Thoracic Outlet Compression Syndrome" delivered a lecture at the Dr. Arthur E Desa Memorial Continuing Surgical Education Programme on "Thoracic Outlet Compression Syndrome" on 26th September 2014 at the International College of Surgeons – Indian Section ; ICSICON 2014, Bangalore, Karnataka, 26th – 28th September 2014



45. "Surgical Management of Ascending Aortic Aneurysm" at the 21st Annual conference of Vascular Society of India (VSICON 2014) held at Bhubhaneswar , Orissa between 15th – 18th October 2014
46. "Operative : Direct Vascular Surgery and Topical hemostats" at the 74th Annual Conference of the Association of Surgeons of India , Hyderabad Talangana, between December 26th – 30th December 2014
47. "Complex Surgery Tuberculosis" delivered on 19th Feb. 2015 at the 61st Annual Conference of Indian Association of Cardiovascular and Thoracic Surgeon at HICC Hyderabad, Telangana On 19th Feb. 2015.
48. Godrej Karai Oration delivered on " Solitary Pulmonary nodule: An Experience at a Tertiary Care teaching hospital in south India." delivered on 19th Feb. 2015 at the 61st Annual Conference of Indian Association of Cardiovascular and Thoracic Surgeon at HICC Hyderabad, Telangana On 21st Feb. 2015
49. "Lasers and Cardio-thoracic surgery" at the 21st Conference of International Society of Laser in Surgery and Medicine (ISLSM 2015) on 20th August 2015. At Indore.
50. " Bronchial valve in treatment of severe emphysema" delivered at the " IACTS midterm Thoracic CME" organized by the Department of Cardiovascular and Thoracic surgery at Sri Padmavathi Auditorium, Sri Venkateswara Institute of Medical Sciences, Tirupati, Andhra Pradesh held 22 November 2015.
51. " Chest Wall Deformities" delivered at the " IACTS midterm Thoracic CME" organized by the Department of Cardiovascular and Thoracic surgery at Sri Padmavathi Auditorium, Sri Venkateswara Institute of Medical Sciences, Tirupati, Andhra Pradesh held 22 November 2015
52. "Solitary Pulmonary Nodule –A perplexing diagnostic problem" as faculty attended the attended the 75th Annual Conference of the Association of Surgeons of India , at Gurgaon held on 19th December 2015.
53. "Surgery for pleura-pulmonary Tuberculosis" at the 62nd Annual Conference of Indian Association of Cardiovascular and Thoracic Surgeon at SGPGIMS Lucknow on 19th Feb. 2016
54. "SOL in Lungs - evaluation and management" at the " Video Assisted Thoracic Surgery workshop and Thoracic CME" organized by the Department of Cardiovascular and Thoracic surgery at Rajiv Gandhi Institute of chest disease. Bangaluru and Indian Association of Cardiovascular and Thoracic Surgeons (IACTS) between 4 – 6 November 2016
55. "Solitary Pulmonary Nodule: Experience At A Tertiary Care Teaching Hospital In South India" at the 62nd Annual Conference of the International College of



- Surgeons ICSIS-2016 at Guwahati, Assam held between 11th to 12th November 2016.
56. "Management of Secondaries in lung" at the 76th Annual Conference of the Association of Surgeons of India , at Karnataka open University, Mysore held between 14th – 18th December 2016.
  57. "Symposium – Esophagu" – "Mediastinitis - How aggressive one should be?" at the "63rd Annual meeting of Indian Association of Cardiovascular Thoracic Surgeons" IACTSCON 2017 at Bengaluru during 23-26 February 2017
  58. "Differential Diagnosis Of Swollen Limb" at the VAICON 2017 (10th Annual Conference of Venous Association of India) at Varanasi from 2-4 March 2017
  59. "Solitary Pulmonary nodule", at the 15th Annual Conference of Association of Thoracic & Vascular Surgeons of India held at hotel Taj Banjara on Sunday 30th July, 2017.
  60. "Chest Injuries" at the IACTS National Thoracic CME 2017 held at Seminar Hall, Madras Medical College, Department of Cardiothoracic Surgery Chennai on 4th and 5th November,2017.
  61. "Hemostats and sealants in surgery" at the 77th Annual Conference of the Association of Surgeons of India , Jaipur which is to be held between 27th – 30th December 2017.
  62. "Lung Resection on Cardiopulmonary bypass" at the 64th Annual meeting of Indian Association of Cardiovascular Thoracic Surgeons" IACTSCON 2018 at Vishakhapatnam during 23-26 February 2018
  63. "Current Concepts in management of adult ECMO" at the mid term Thoracic CME
  64. "Vascular Armamentarium" at the 1st ENDOVASCULAR CME Evolution 2018 : EVL master class south chapter in association with the Vascular Society of India at hotel Novatel Varun Beach Vishakhapatnam on 5th August 2018
  65. " Role of ECMO in non cardiac surgery" Faculty attended the 16th annual Conference of Association of Thoraco-Vascular Surgeons of India (ATVSI) which was held between 18th and 19th August 2018 at Indore Madhya Pradesh.
  66. "Lung Resection of Cardiopulmonary Bypass" at the 78th Annual Conference of the Association of Surgeons of India , Chennai which is to be held between 26th – 30th December 2018

67. "Control of bleeding in vascular surgery and role of topical hemostats" at the 78th Annual Conference of the Association of Surgeons of India , Chennai which is to be held between 26th – 30th December 2018
68. "Importance of Myocardial Perfusion study in patients with poor LVEF: Surgeon's Perspective" on 22<sup>nd</sup> February 2019. As *Faculty* attended World Congress on Cardiac Imaging & Clinical Cardiology (WCCICC -2019) at Mumbai between February 22-24 ,2019..
69. " Thoracic Hydatid" topic presented as Faculty at "4<sup>th</sup> National Conference Thoracic Endoscopy Society jointly with 1<sup>st</sup> National conference of Indian Society of Thoracic Surgeons at Vivekananda Institute of Medical Sciences, Kolkata between January 19-20, 2019.
70. "Surgery for Pulmonary Tuberculosis" at 27<sup>th</sup> ASCVTS & 65<sup>th</sup> IACTSCON 2019 at Chennai between February 21-24, 2019 and Chaired a session on "Thoracic Surgery."
71. "Medical Thoracoscopy" at the "Master class in managing Thoracic disease" workshop CME, 2<sup>nd</sup> March 2019 at SUM hospital SOA, Bhubhaneswar Odisha. She coordinated a panel discussion on "Medical Thoracoscopy on 2<sup>nd</sup> March 2019.
72. "Medical Thoracoscopy" Faculty attended the "Rayalaseema Interventional Pulmonology Update 2019" on 21<sup>st</sup> April 2019 and was the guest of honour for the Continuing Medical education program.,
73. Faculty attended Cardiac Surgical skill course at Chittinad Medical College at Chennai on 22<sup>nd</sup> June, 2019.and participated in the panel discussion and spoke on "Mitral Valve replacement".
74. Faculty attended the" Annual Conference of Andhra state Chapter of Respiratory Medicine .Pulmonology" 3<sup>rd</sup> and 4<sup>th</sup> August 2019 and Presented an invited lecture on "Medical Thoracoscopy in different clinical scenario " on 3<sup>rd</sup> August 2019.
75. Faculty attended the EVOLUTION 2019: EVL Master class South Chapter, 2<sup>nd</sup> Endovascular CME at Visakhapatnam on 4<sup>th</sup> August, 2019. She presented an invited lecture on "Newer vascular and endovascular grafts".
76. Faculty attended the Annual meeting of the ATVSI 2019 at Dr.K.N.Udupa Auditorium, IMS, BHU on 6<sup>th</sup> October, 2019. She presented two invited lecture on :
  - a. Aspergilloma : An Experience at a tertiary Care centre"
  - b. "Vascular armamentarium"

77. Faculty attended VSICON 2019 26<sup>th</sup> Annual conference of Vascular Society of India held at Hyderabad between 17-19 October, 2019. She Chaired a session on “Peripheral Arterial diseases and Management”
78. Faculty attended Indian Association of Cardio Vascular – Thoracic Surgeons Thoracic CME – at Government Medical College , Jammu between 15- 16, November, 2019. She delivered a lecture on “Solitary Pulmonary nodule: A diagnostic dilemma” on 16 November 2019.
79. Faculty attended the continuing Education programme (CEP) on “Pathophysiology of high altitude diseases” of DRDO held at Defence Institute of Physiology & Allied Sciences at Delhi between 19 -21 November, 2019. She delivered a invited lecture on “Role of statins in Acute Mountain sickness”. On 20<sup>th</sup> December 2019.
80. Faculty attended the 5<sup>th</sup> Amrita heart Conclave: Total endoscopic Mitral Valve Repair” at Amrita Institute of Medical Sciences and Research Centre, Kochi on 14<sup>th</sup> and 15<sup>th</sup> December 2019. She Chaired a session !having 2 lectures on “the Journey of the Mitral Valve repair: What the Guidelines say and do they say enough .” and the second lecture on Mitral valve regurgitation : Pre-operative Assessment”.
81. Faculty attended the 79<sup>th</sup> Annual Conference of Association of Surgeons of India (ASICON 2019) from 18<sup>th</sup> to 21<sup>st</sup> December 2019 SOA University, Bhubhaneswar, Odisha. She presented an invited lecture on “Pulmonary Aspergilloma : an experience at a tertiary Hospital”, on 21<sup>st</sup> December 2019 at Hall D between 3.45 pm till 4.00 pm.
82. Faculty attended as a faculty at the Annual conference of the American College of Surgeons India Chapter 2020,(GURUKKUL ACSCON – 2020) in New Delhi ( India) between 2<sup>nd</sup> – 5<sup>th</sup> January 2020, She delivered a lecture on “Sealants and Hemostasis”.
83. Faculty attended “2<sup>nd</sup> Annual National Conference of Indian Society of Thoracic Surgeons ISTSCON 2020 at National Institute of Tuberculosis and Respiratory Diseases, New Delhi, India between January 18<sup>th</sup> and 19<sup>th</sup> 2020.She participated as a faculty for the theme of “Transition of Thoracic Surgery from Conventional to Minimally Invasive Surgery Challenges and Opportunities Ahead” She delivered a lecture on “Approach to a patient with recurrent hemoptysis”.
84. Faculty attended 66<sup>th</sup> Annual conference of Indian Association of Cardiovascular Thoracic Surgeons, IACTSCON 2020 held at The Forum, Ahmedabad from 6<sup>th</sup> to 9<sup>th</sup> February, 2020. She delivered a lecture on “Medical Thoracoscopy”

## CHAIRPERSON FOR SCIENTIFIC SESSIONS

1. Session of Valve Surgery: at the 45th Annual Conference of Cardiothoracic and Vascular Surgeons March 08, 2000, at Mumbai, Maharashtra.
2. Session on Vascular Problems : at the seventh Annual Conference of Vascular Society of India, Nov. 17, 1999 at Chennai, Tamil Nadu .
3. Session on Role of Videoendoscopy in Thoracic Surgery: at the 60th Annual Conference of the Association of Surgeons of India (ASICON 2000), Dec 28, 2000.
4. Session on Current status of Surgery for Carcinoma Oesophagus: at the 60th Annual Conference of the Association of Surgeons of India (ASICON 2000), Dec 28,2000.
5. Session on Confronting commercialization of Health Care in CTVS: at the 60th Annual Conference of the Association of Surgeons of India (ASICON 2000), Dec 28,2000.
6. Session on Role of deep vein valve reconstruction in management of non-healing of the venous ulcers.(Guest Lecture by Dr. Ramesh Tripathi). at the 60th Annual Conference of the Association of Surgeons of India (ASICON 2000), Dec 28,2000.
7. Free Paper Session on Management of Vascular Problems like varicose veins, Vascular diseases in women, Aortic aneurysm, supra aortic occlusive disease and the role of Intraoperative thrombolysis in upper limb ischemia, at the 8th Annual Conference of the Vascular Society of India Dec. 02, 2001 at Pune, Maharashtra.
8. Diabetic Foot and Vascular surgeon (Guest Lecture : Dr. J.S. Bhargava) at the 61st Annual Conference of the Association of Surgeons of India (ASICON 2001), Dec 28,2001.
9. Recent Advances in Vascular and Endovascular Surgery (Guest Lecture : Dr. Ramesh Tripathi) at the 61st Annual Conference of the Association of Surgeons of India (ASICON 2001), Dec 30,2001.
10. Session on Poster Presentation at the 49th Annual Conference of The Indian Association of Cardiovascular and thoracic Surgeons February 11 – 14, 2003, at Hyderabad, Andhra Pradesh.
11. Chaired and conducted the “VSI Award Session” at the 6th International Congress of Asian Vascular Society and 11th Annual Conference of Vascular Society of India, November 3 – 6, 2004 at Bangalore, Karnataka.
12. Chaired an Invited Lecture of Prof. D. Prasada Rao “ Off- pump and On – Pump coronary artery bypass surgery – results” at 51st Annual Conference of The Indian Association of Cardiovascular and thoracic Surgeons at Kochi, between February 17-20,2005.

13. Chaired a Guest Lecture on “ Surgery for Pulmonary Tuberculosis in the Modern era” at the LXV Annual Conference of the Association of Surgeons of India and SAARC surgeons congress, at Jaipur Rajasthan between 25th and 30th December 2005.
14. Chaired a Scientific session on Case reports at the LXV Annual Conference of the Association of Surgeons of India and SAARC surgeons congress, at Jaipur Rajasthan between 25th and 30th December 2005.
15. Chaired a Scientific session on Thoracic short paper session at the LXV Annual Conference of the Association of Surgeons of India and SAARC surgeons congress, at Jaipur Rajasthan between 25th and 30th December 2005.
16. Chaired session I on Thoracic Surgery at the International CME and Workshop in Cardiovascular and Thoracic Surgery (ICWCVTS) at Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow India between February 10th to 12th 2006.
17. Chaired a Scientific session on Thoracic short paper session and case reports at the 52nd Annual Conference of Indian Association of Cardiovascular – Thoracic Surgeons, Bangalore, Karnataka between 23rd – 26th February 2006.
18. Chaired a Scientific session at the CME : Surgical management of Double Outlet left ventricle’ at the 53rd Annual Conference of Indian Association of Cardiovascular – Thoracic Surgeons, Jaipur, Rajasthan between 8th – 11th February 2007.
19. Chaired a guest Lecture: “ Thoracoscopic Thymic surgery” presented by Dr, Prabal Roy, Faridabad at the 53rd Annual Conference of International College of Surgeons (Indian Section), October 27th,2007 at Agra, U.P. India.
20. Chaired a guest Lecture: “ Clinical Applications of stem cell Therapy” at the 53rd Annual Conference of International College of Surgeons (Indian Section), October 27th,2007 at Agra, U.P. India.
21. Chaired a Invited lecture on “ Cardio Thoracic Surgeons in Making” by Dr. Bhanushali, at the LXVII Annual Conference of the Association of Surgeons of India (ASICON 2007) at Bhubaneswar from 25th till 30th December, 2007.
22. Chaired a scientific session on the “tracheo bronchial reconstructions for bronchial carcinoma ” by Dr. Jain at the LXVII Annual Conference of the Association of Surgeons of India (ASICON 2007) at Bhubaneswar from 25th till 30th December, 2007.
23. Chaired a scientific session on the “Complications During Thoracic Surgery” by Dr. Bhanusali at the LXVIII Annual Conference of the Association of Surgeons of India (ASICON 2008) at Ludhiana, Punjab from 25th till 30th December, 2008.

24. Chaired a scientific session on the "Surgery for multinodular goiters" in the surgical endocrinology section of the LXVIII Annual Conference of the Association of Surgeons of India (ASICON 2008) at Ludhiana, Punjab from 25th till 30th December, 2008.
25. Chaired a scientific session for the free papers: Vascular surgery (Session 1) on October 30, 2009 at 16th Annual Conference of Vascular Society of India, Hyderabad from October 29 – Nov. 01, 2009.
26. Chaired a scientific session of Guest lecture: Stents in General Surgical Practice by K Govindaraj, Tiruchirapalli at 55th Annual Conference of International College of Surgeons – Indian Section. (ICS IS Goldencon 2009, at Guru Nanak Dev University, Amritsar (Punjab), on 1st November 2009.
27. Chaired a free paper session on venous disorders in the 17th Annual Conference of Vascular Society of India, Chennai from October 21 – Oct. 24. 2010.
28. "Interpretation of the arterial blood gas analysis" at BAPU
  - a. Anaesthesia postgraduate update 2010 (National level CME programme) conducted by the department of Anaesthesiologist on September 4, 2010 and September 5, 2010.
29. Chaired two guest lectures at the CT session at the 70th Annual Conference of the Association of Surgeons of India with an international Medical Technology show: "Where technology meets Medical Enterprises" ASICON 2010 with asitech, held at New Delhi, between 15.12.2010 and 20.12.2010.
30. Chaired a session on the venous disorders and the AV malformations in the 4th Annual Conference of Venous Association of India, Chandigarh between 4th and 5th February 2011.
31. Chaired a session on Circuit design, components of ECMO, VA-ECMO physiology and management at the 2nd National ECMO conference held at Narayana Hrudayalaya Hospitals, Bangalore in collaboration with the University of Minnesota, USA.
32. Chaired a session at the live telecast for the mitral valve repair and tricuspid reconstruction procedure at the 13th Annual Live workshop on "Current Issues in Cardiac Surgery" at GKNM hospital, L.R.G. Naidu Institute : Department of Cardiothoracic surgery, Coimbatore on 3rd and 4th December 2011.
33. Chaired the session for Dr. N.L. Bordia Oration on the "Past, Present and future of Empyema Thoracic – An experience of 4600 cases" presented by Dr. Rama Kant, Lucknow at the sectional Program of the ARCVSI at the 71st Annual Conference of the Association of Surgeons of India from December 25 – 30, 2011 at Kochi, Kerala.
34. Chaired the session Invited lecture on " Safety and Efficacy of Autologous Blood in Cardiac Surgery delivered by Dr. Sushil Singh, Lucknow at the sectional Program of

the ARCVSI at the 71st Annual Conference of the Association of Surgeons of India from December 25 – 30, 2011 at Kochi, Kerala.

35. Chaired a session of Guest Lectures on mitral valve intervention technologies at the IIInd National Heart Valve Summit, New Delhi, between 27th to 29th January 2012. Valve repairs and replacements
36. Chaired guest lectures on “Mitral valve anatomy” by Dr. Lokeshwara Rao at the “Mitral valve repair in Rheumatic diseases” workshop organized by Care hospital Banjara Hills, Hyderabad on 23rd March 2012.
37. Chaired guest lectures on “ Echocardiography of Mitral valve disease” by Dr. Chandrakala at the “Mitral valve repair in Rheumatic diseases” workshop organized by Care hospital Banjara Hills, Hyderabad on 23rd March 2012.
38. Chaired guest lectures on “Principles of Mitral valve repair in Rheumatic heart disease” by Dr.Taweesak Chotivatanapong at the “Mitral valve repair in Rheumatic diseases” workshop organized by Care hospital Banjara Hills, Hyderabad on 23rd March 2012.
39. Chaired the live demonstration of mitral valve repair” by Dr. Taweesak Chotivatanapong at the “Mitral valve repair in Rheumatic diseases” workshop organized by Care hospital Banjara Hills, Hyderabad on 23rd March 2012.
40. Session on “ Cut and sew Maze and LA reduction comparison with RF ablation.” By Dr. Nirmal Gupta at the CT- CME (IACS) at Jaipur between 25.08.2012 and 26.08.2012.
41. Session on “ Total preservation of the mitral valve – Eversion Technique” by Dr. C.P. Srivastava At the CT- CME (IACS) at Jaipur between 25.08.2012 and 26.08.2012.
42. Panelist at the BARD Peripheral Vascular DVT and VTE. at the Vascular Society of India: Annual Conference, Jaipur. Between 26.09.2012 and 29.09.2012.
43. Session on tracheobronchial stents presented by Dr. S.K. Jain at the ATCVSI at the Annual conference of ASI 2012 at Kolkatta on 28 December 2012.
44. Session on Ambulatory venous pressure in varicose veins presented by Dr. Ajay Khanna at the ATCVSI at the Annual conference of ASI 2012 at Kolkatta on 28 December 2012.
45. IACTSCON - CME 2013 Session on Congenital heart diseases at the 59th Annual Conference of IACTS : Indian Association of Cardiovascular and Thoracic Surgeons, Venue: Renaissance Mumbai Convention Centre Hotel, Near Chinmayanand Ashram, Powai, Mumbai between 14.02.2013 till 17.02.2013.



46. Session on Radionulcide imaging in cardiac surgery and Immune modulation for the transplanted heart 9.00 AM – 10.00 AM on 24.08.13 at CTCME 2013 at Zachariah Mar Dionysius Auditorium. The Madras Medical Mission Chennai between 23 – 24, August 2013.
47. Session on Upper limb Vascular disease between 1215 hrs. and 1300 hrs on 28.09.2013 at the 20th Annual Conference of Vascular Society of India, at Kodaikanal
48. Chaired a live operative session of mitral valve repair Case III by Prof. Taweesak Chotivatanapong from Bangkok 01.00 PM on 26.10.2013 at the 15th Annual Live Workshop “Mitral valve repair” GKNM hospital, Coimbatore held between 26 and 27, October. 10.2013.
49. Chaired CME session IV: Dr. P P Karnik memorial Lecture delivered by Dr. A. K. Khanna on “Minimal Access Techniques in Varicose Veins” on 8th November 2013 at the 59th Annual Conference of International College of Surgeons, Indian Section being held at Lucknow from 8th November to 10th November 2013 at scientific convention centre, King George’s Medical University, U.P., Lucknow.
50. Chaired a session I on Malignant lung diseases at the Thoracic Surgery 2013 CME cum Workshop under the auspices of Indian Association of Cardiovascular and Thoracic Surgeons held between 14 – 15, December 2013 organized by the Department of Cardiothoracic and Vascular Surgery, Jawahar Lal Nehru Medical College, Aligarh Muslim University, Aligarh.
51. Symposium on Future perspectives in CTVS International Conference on Cardiovascular diseases, organised by the Sri Sathya Sai Institute of Higher Medical Sciences( SSSIHMS), Prasanthigram, Puttaparthi, Andhra Pradesh between 14 -15, December 2013. 11.25 a.m to 12.25 p.m
52. Symposium on Future Perspectives in CTVS  
Chairpersons: Dr. Bhabatosh Biswas , Dr. Abha Chandra, Dr. James Thomas
  - a. Speakers:
  - b. a.11.25 a.m to 11.45 a.m Dr. K.R. Balakrishnan : The Future of Surgery for End Stage Heart Failure – The Indian Perspective
  - c. 11.45 a.m to 12.05 p.m Dr. Sudhir Shrivastava : Current Trends, Recent Advances and the Future of Robotics in Cardiac Surgery
  - d. 12.05 p.m to 12.25 p.m Dr. Sanjay Kaushal : Tissue Engineering
53. ASICON 2013, Ahmedabad Hall - H Sectional Program (Association of Thoracic & Cardiovascular Surgeons of India) 28th December 2013
  - a. 11.00– 11.30pm : Invited Lecture Chairpersons : Dr Ramakant, Lucknow
  - b. Dr Abha Chandra, Tirupati, Dr Ashwani Dalal, Chandigarh
  - c. Speaker ; Dr S K Jain, New Delhi
  - d. Topic : Management of Chest Tubes



54. Chaired session in the 60th Annual Conference of Indian Association of Cardiovascular and Thoracic Surgeons between 20th to 24th February 2014 at Kovalam, Trivandrum. Sessions on
  - a. Surgical Management of TYPE A Aortic Dissection
  - b. Redo Aortic Surgery
55. Chaired a session on Management of Aortic dissecting Aneurysm being presented by Dr. Anil Bhan, Medanta, Gurgaon. At the 1st foundation day workshop Silver jubilee celebrations between 22nd and 23rd March 2014 with a workshop on mitral valve repair at Department of Cardiovascular and Thoracic Surgery, Sanjay Gandhi postgraduate Institute of Medical Sciences, Lucknow.
56. Chaired a session in the ICCCON 2014 on 20th September 2014 at “Sri Jayadeva surgical oration” titled : “Indian Cardiology, Aspiration and reality” delivered by Prof. M.S. Valiathan
57. Chaired a session XII at the outstanding award session of the International College of Surgeons – Indian Section ; ICSICON 2014, Bangalore, Karnataka, 26th – 28th September 2014.
58. Chaired the session XIV on free papers at the 21st Annual conference of Vascular Society of India (VSICON 2014) held at Bhubhaneswar , Orissa between 15th – 18th October 2014.
59. Chaired a session on 2014 guidelines for myocardial revascularisation and Arterial vascularisation newer avenues at the Heart Failure symposium and Mumbai Cardiology Society of India organized by D Y Patil School of Medicine, Navi Mumbai between 22nd – 23rd November 2014.
  - a. Chaired the following sessions at the 74th Annual Conference of the Association of Surgeons of India , Hyderabad Talangana, between December 26th – 30th December 2014. Sessions on Vascular issues on 28.12.2014:
  - b. Thoraco- abdominal Aortic aneurysm – Challenges
  - c. Venoplasty where do we stand today.
60. Sectional Programme of IATCVS: Session I on invited lectures on 29.12.14
  - a. VAT management of Thoracic conditions
  - b. Pain management in thoracic trauma.
61. Chaired a session on venous diseases of the lower limb at the 8th Annual Conference of the Venous Association of India which was held between 5th and 7th February 2015 at Christian Medical College, Vellore, Tamil Nadu.
62. Chaired an operative session as faculty at the “BIMA off Pump Live workshop” at Olive hospital, Hyderabad, Telangana on 18th February 2015.
63. Chaired a session in the thoracic and the cardiac section as faculty at the 61st Annual Conference of Indian Association of Cardiovascular and Thoracic Surgeon at HICC Hyderabad, Telangana between 19 – 22, Feb. 2015.

64. Chaired a session at the the CME on "Evaluation of Borderline coronary artery lesions" on 15-Mar-2015 (Sunday) at Sri Padmavathi Auditorium, SVIMS, Tirupati.
65. Chaired a session as faculty on "Aortic issues and Controversies VI" at the 4th International Indovasc Symposium between 19th -21st March 2015 at Bangalore.
66. Chaired a session as faculty on the venous diseases at the VSI midterm Meeting 2015 at Hotel Radisson Blu at Goa between 3-5 July 2015.
67. Chaired a session at the MICS 2015 : Live workshop on Minimally invasive Aortic Valve surgery (Live workshop – MICS AVR 2015) on 18th and 19th July 2015 at Yashoda Hospital, Secunderabad.
68. Chaired a session as a faculty at the "Thoracic session" at the 21st Conference of International Society of Laser in Surgery and Medicine (ISLSM 2015) which was held between 19th and 22nd August 2015 at Indore. The topics for invited lectures on 20 August 2015- Thursday Hall C-- Thoracic:
- |                                     |                     |
|-------------------------------------|---------------------|
| a. Use of laser in Cancer           | Dr. B.R. Srivastava |
| b. Tracheal Tumor                   | Prof. Stanzel       |
| c. Laser in trachea bronchial tumor | Dr. B.K.Rau         |
| d. Laser in tracheal strictures     | Dr. B.K.Rau         |
69. Chaired a session as faculty on "Symposium on Challenges in mitral valve surgery: at the midterm Cardiac CME "Surgical spectrum for Mitral valve disease" which was held on 21st and 22nd August 2015. At Sri Sathya Sai Institute of Higher Medical Sciences, Prasanthigram, Andhra Pradesh. Topics for the symposium were:
- Mitral incompetence and severely compromised LV function:
  - Dr. Valluvan Jeevanandam
  - Mitral valve replacement in small sized LA: Dr. Jayakumar K
  - Mitral valve replacement with giant LA :Dr. G. Chandrashekhar
  - Mitral valve surgery and atrial fibrillation ablation techniques Dr. Gorav Ailawadi
70. Chaired a session as faculty in the Thoracic section at the Annual CME of ATVSI a section of Association of Surgeons of India organized by the Department of Cardiovascular and Thoracic Surgery, Sri Venkateswara Institute of Medical Sciences, Tirupati at the Sri Padmavathi Auditorium, S.V. University, Tirupati on 29th August 2015.
71. Chaired a session as faculty on "AV access" at the 22nd Annual Conference of Vascular Society of India, held between 28th – 31st October 2015 at hotel Westin, Koregaon Park, Pune.
72. Chaired a session as faculty on Thoracic section at the " IACTS midterm Thoracic CME" organized by the Department of Cardiovascular and Thoracic surgery at Sri

Padmavathi Auditorium, Sri Venkateswara Institute of Medical Sciences, Tirupati, Andhra Pradesh held between 21 – 22 November 2015

73. Chaired an operative session as faculty at the 17th Annual Live workshop Aortic valve repair and Proximal Aorta-II on December 12-13, 2015 at GKD Auditorium, GKNM hospital Coimbatore.
74. Chaired a session as faculty for the invited lectures at the 75th Annual Conference of the Association of Surgeons of India , at Gurgaon held between 16th – 20th December 2015. The lectures was on “Management of cervical rib”.
75. Chaired a session as Faculty at the 9th Annual Conference of the Venous Association of India which was held between 11th and 14th February 2016 at Jaipur, Rajasthan.
76. Chaired a session as faculty in the Thoracic section at the 62nd Annual Conference of Indian Association of Cardiovascular and Thoracic Surgeon at SGPGIMS Lucknow on 18th to 21st Feb. 2016
77. Chaired a session on aortic aneurysms and as Faculty attended the 23rd Annual Conference of Vascular Society of India and 2nd Conference of World Federation of Vascular Society (WFVS), held between 15th – 18th September 2016 at Bangaluru, Karnataka.
78. Chaired a session thoracic suregery and as Faculty attended the “ Video Assisted Thoracic Surgery workshop and Thoracic CME” organized by the Department of Cardiovascular and Thoracic surgery at Rajiv Gandhi Institute of chest disease. Bangaluru and Indian Association of Cardiovascular and Thoracic Surgeons (IACTS) between 4 – 6 November 2016 and delivered invited lecture on: "SOL in Lungs - evaluation and management"
79. Chaired a session on Thoracic surgery and as Faculty attended the 62nd Annual Conference of the International College of Surgeons ICSIS-2016 at Guwahati, Assam held between 11th to 12th November 2016. She delivered an invited lecture on “Solitary Pulmonary Nodule: Experience At A Tertiary Care Teaching Hospital In South India”.
80. Chaired a session on Dr. Bordia Oration presented by Dr. Usha Dalal and as Faculty attended the 76th Annual Conference of the Association of Surgeons of India , at Karnataka open University, Mysore held between 14th – 18th December 2016. She delivered an invited lecture on “Management of Secondaries in lung” on 17, December 2016.
81. Chaired a session on complications of Cardiopulmonary bypass and as Faculty attended the “63rd Annual meeting of Indian Association of Cardiovascular Thoracic Surgeons” IACTSCON 2017 at Bengaluru during 23-26 February 2017

82. Chaired session on Vascular surgery and as Faculty attended the VAICON 2017 (10th Annual Conference of Venous Association of India) at Varanasi from 2-4 March 2017
83. Chaired a session on vascular and thoracic surgery and as Faculty attended the 15th Annual Conference of Association of Thoracic & Vascular Surgeons of India held at hotel Taj Banjara on Sunday 30th July, 2017.
84. Chaired a session on the minimally invasive mitral valve replacement and as Faculty attended the 2nd Annual Conference of Society of minimally invasive Cardiovascular and Thoracic Surgeons of India held on September 9-10, 2017 at Hotel Marriott, Jaipur, India
85. Faculty attended the "Perspectives in Organ Transplantation in India" for BLISS Cardiac and Critical Care Group on 24th September, 2017 in Near Kapilatheertham Circle, Tirupati. And was also the chief Guest for the function.
86. Chaired a live surgery session on skills in surgery and as Faculty attended the 18th Annual LIVE Workshop on "Redefining Skills" held at GKD Auditorium, GKNM hospital, Coimbatore on 30th September & 1st October, 2017.
87. Chaired a session on thoracic surgery and as Faculty attended the IACTS National Thoracic CME 2017 held at Seminar Hall, Madras Medical College, Department of Cardiothoracic Surgery Chennai on 4th and 5th November, 2017 .
88. Chaired a session on live surgery on minimally invasive coronary artery bypass grafting and as Faculty attended the 3rd AMRITA HEART CONCLAVE 2017- MICS CABG" at Amrita Institute of Medical Sciences, Kochi on 18th and 19th November, 2017 and Chaired a session.
89. Chaired session on thoracic surgery and as Faculty attended the 77th Annual Conference of the Association of Surgeons of India , Jaipur which is to be held between 27th – 30th December 2017.
90. Chaired a session on thoracic surgery and as Faculty attended the "64th Annual meeting of Indian Association of Cardiovascular Thoracic Surgeons" IACTSCON 2018 at Vishakhapatnam during 23-26 February 2018
91. Chaired a session on the left ventricular assist devices and as Faculty attended the IACTS technocollege Cardiac CME-2018" at Kanpur U.P. theme "emerging technologies.... Together towards tomorrow" held on 5th and 6th May 2018
92. Chaired session on venous diseases of the lower Limb and as Faculty attended the 1st ENDOVASCULAR CME Evolution 2018 : EVL master class south chapter in association with the Vascular Society of India at hotel Novatel Varun Beach Vishakhapatnam on 5th August 2018

93. Chaired a session on "Thoracic Surgery" and as Faculty attended the 16th annual Conference of Association of Thoraco-Vascular Surgeons of India (ATVSI) which was held between 18th and 19th August 2018 at Indore Madhya Pradesh.
94. Chaired a session on "Venous diseases of the lower limb" Faculty attended the 25th Annual Conference of Vascular Society of India (VSICON 2018) Jammu, J&K which was held between 3rd to 6th October 2018.
95. Chaired a live operative session on Bentall's Procedure and as Faculty attended the 4th AMRITA HEART CONCLAVE 2018 : A workshop on aortic root surgery between November 17th and 18th 2018 at Amrita Institute of Medical Sciences KOCHI . Focus theme : Valve sparing aortic root surgery, bio bentall procedure, Aortic root enlargement and Hypertrophic Obstructive Cardiomyopathy.
96. Chaired a session on Vascular surgery and Thoracic surgery and as Faculty attended the 78th Annual Conference of the Association of Surgeons of India , Chennai which was held between 26th – 30th December 2018.
97. Chaired a session on Thoracic surgery and as Faculty attended "4<sup>th</sup> National Conference Thoracic Endoscopy Society jointly with 1<sup>st</sup> National conference of Indian Society of Thoracic Surgeons at Vivekananda Institute of Medical Sciences, Kolkata between January 19-20, 2019.
98. She Chaired a session on "Thoracic Surgery." As Faculty attended 27<sup>th</sup> ASCVTS & 65<sup>th</sup> IACTSCON 2019 at Chennai between February 21-24, 2019.
99. Chaired a session on thoracic surgery and as Faculty attended "the Master class in managing Thoracic disease" workshop CME, 2<sup>nd</sup> March 2019 at SUM hospital SOA, Bhubhaneswar Odisha. She coordinated a panel discussion on "Medical Thoracoscopy".
100. Chaired a session on Medical Thoracoscopy and as Faculty attended the "Rayalaseema Interventional Pulmonology Update 2019" on 21<sup>st</sup> April 2019 and was the guest of honour for the Continuing Medical education program.,
101. Chaired on "Mitral Valve replacement". And as faculty attended Cardiac Surgical skill course at Chittinad Medical College at Chennai on 22<sup>nd</sup> June, 2019.
102. Chaired a session on thoracic surgery and as Faculty attended the " Annual Conference of Andhra state Chapter of Respiratory Medicine .Pulmonology" 3<sup>rd</sup> and 4<sup>th</sup> August 2019 and Presented an invited lecture on "Medical Thoracoscopy in different clinical scenario " .
103. Chaired a session on venous surgery and as Faculty attended the EVOLUTION 2019: EVL Master class South Chapter, 2<sup>nd</sup> Endovascular CME at Visakhapatnam on 4<sup>th</sup> August, 2019. She presented an invited lecture on "Newer vascular and endovascular grafts"

104. Chaired a session on thoracic surgery and as Faculty attended the Annual meeting of the ATVSI 2019 at Dr.K.N.Udupa Auditorium, IMS, BHU on 6<sup>th</sup> October, 2019. And presented lecture on:
- “Aspergilloma : An Experience at a tertiary Care centre”
  - “Vascular armamentarium”
105. She Chaired a session on “ Peripheral Arterial diseases and Management” and as Faculty attended VSICON 2019 26<sup>th</sup> Annual conference of Vascular Society of India held at Hyderabad between 17-19 October, 2019.
106. Chaired a session on thoracoscopic surgery and as Faculty attended Indian Association of Cardio Vascular – Thoracic Surgeons Thoracic CME – at Government Medical College , Jammu between 15- 16, November, 2019. She delivered a lecture on “Solitary Pulmonary nodule: A diagnostic dilemma”. n and chaired a session on thoracoscopic surgery on 16 November 2019.
107. She Chaired a session !having 2 lectures on “the Journey of the Mitral Valve repair: What the Guidelines say and do they say enough .” and the second lecture on Mitral valve regurgitation : Pre-operative Assessment”. As Faculty attended the 5<sup>th</sup> Amrita heart Conclave: Total endoscopic Mitral Valve Repair” at Amrita Institute of Medical Sciences and Research Centre, Kochi on 14<sup>th</sup> and 15<sup>th</sup> December 2019.
108. Chaired a session on vascular surgery and as Faculty attended the 79<sup>th</sup> Annual Conference of Association of Surgeons of India (ASICON 2019) from 18<sup>th</sup> to 21<sup>st</sup> December 2019 SOA University, Bhubhaneswar, Odisha.. She presented an invited lecture on “Pulmonary Aspergilloma : an experience at a tertiary Hospital”, on 21<sup>st</sup> December 2019 at Hall D between 3.45 pm till 4.00 pm.
109. Chaired a session on vascular injuries. And as Faculty attended as a faculty at the Annual conference of the American College of Surgeons India Chapter 2020,(GURUKKUL ACSCON – 2020) in New Delhi ( India) between 2<sup>nd</sup> – 5<sup>th</sup> January 2020, She delivered a lecture on “Sealants and Hemostasis”. Chaired a session on vascular injuries.
110. As Faculty attended “2<sup>nd</sup> Annual National Conference of Indian Society of Thoracic Surgeons ISTSCON 2020 at National Institute of Tuberculosis and Respiratory Diseases, New Delhi, India between January 18<sup>th</sup> and 19<sup>th</sup> 2020. She participated as a faculty and chaired for the theme of “Transition of Thoracic Surgery from Conventional to Minimally Invasive Surgery Challenges and Opportunities Ahead” She delivered a lecture on “Approach to a patient with recurrent hemoptysis”.
111. Chaired a session on thoracic Surgery and as Faculty attended as Faculty 66<sup>th</sup> Annual conference of Indian Association of Cardiovascular Thoracic Surgeons, IACTSCON 2020 held at The Forum, Ahmedabad from 6<sup>th</sup> to 9<sup>th</sup> February, 2020. Chaired a session on thoracic surgery. She delivered a lecture on “Medical Thoracoscopy”



- 112.. Participated in Pre-Conference Workshop as a Faculty during Mid term Annual Conference of Indian Association of Surgical Oncology (MIDCON IASO 2020) held at Sri Padmavathi Auditorium, SVIMS, Tirupati on 28<sup>th</sup> February 2020. She **Chaired a session on Lung Cancer**
113. Chaired a session on “ N.L. Bordia Oration and as Faculty participated as a Faculty at the Annual Virtual meet of the ASICON 2020 on 18<sup>th</sup> December 2020.
114. Chaired a session on thoracic surgery at the Virtual meet of the Annual Conference of the Indian Association of Cardiovascular and Thoracic Surgery which was held between 27-28 Feb, 2021.

## INVITED COMMENTS

“Aortic Arch and Distal Aortic Reconstruction”. Invited Comments presentation of 10 mins. IACTS Techno College 2013. “Recent Advances in Cardiac Surgery” April 5<sup>th</sup> – 6<sup>th</sup> , 2013 organized by Department of CVTS, King George’s Medical University, Lucknow.

## PANEL DISCUSSION

1. *“Acute venous thrombosis”. Organizer Dr. J.C. Panchal, and Panelists : Urvish Chudgar, P. Govindaraj, Abha Chandra, Ashok Hishikar, at the 9th Annual National Conference of Vascular Society of India, between October 10-13,2002 at Kodaikanal, Tamil Nadu, South India.*
2. *“ Carotid endartectomy Vs Carotid Artery Stenting.” Organizer Dr. Pinjala Ramakrishna and Panelist : KM Rai, Abha Chandra, Seetharam Reddy, Unnikrishnan Menon, V Balaji, Sriram Rajagopala, Rajiv Parekh. at the 9th Annual National Conference of Vascular Society of India, between October 10-13,2002 at Kodaikanal, Tamil Nadu, South India.*
3. *“VATS in thoracic surgery and trauma” at the One day workshop : Hands on Video Assisted Thoracoscopy, GSL Medical College Rajahmundry on 20th December 2014.*
4. *“Perspectives in Organ Transplantation in India” panel discussion on the above topic for BLISS Cardiac and Critical Care Group on 24<sup>th</sup> September, 2017 in Near Kapilatheertham Circle, Tirupati. And was also the chief Guest for the function.*
5. *Attended “the Master class in managing Thoracic disease” workshop CME, 2<sup>nd</sup> March 2019 at SUM hospital SOA, Bhubhaneswar Odisha. And coordinated a panel discussion on “Medical Thoracoscopy on 2<sup>nd</sup> March 2019.*



6. "Rayalaseema Interventional Pulmonology Update 2019" on 21<sup>st</sup> April 2019 and was the guest of honour for the Continuing Medical education program., She also chaired a session on Medical Thoracoscopy and had a panel discussion on the same topic.
7. Cardiac Surgical skill course at Chittinad Medical College at Chennai on 22<sup>nd</sup> June, 2019.and participated in the panel discussion on "Mitral Valve replacement".
8. 5<sup>th</sup> Amrita heart Conclave: Total endoscopic Mitral Valve Repair" at Amrita Institute of Medical Sciences and Research Centre, Kochi on 14<sup>th</sup> and 15<sup>th</sup> December 2019. As a panelist had discussions on 2 lectures on "the Journey of the Mitral Valve repair: What the Guidelines say and do they say enough ." and the second lecture on Mitral valve regurgitation: Pre-operative Assessment".
9. "2<sup>nd</sup> Annual National Conference of Indian Society of Thoracic Surgeons ISTSCON 2020 at National Institute of Tuberculosis and Respiratory Diseases, New Delhi, India between January 18<sup>th</sup> and 19<sup>th</sup> 2020.She participated as a faculty and panelist for the theme of "Transition of Thoracic Surgery from Conventional to Minimally Invasive Surgery Challenges and Opportunities Ahead".
10. Participated as a panel discussant in the thoracic section "benign lung noninfectious diseases" at the Indian Society of Thoracic surgeons and trust 2021 (Virtual meeting)

### **Paper Discussant:**

Discussant for the scientific paper titled "Clinical results of mosaic porcine bioprosthesis in the aortic and mitral position: upto 10 yea, as Faculty at the 61st Annual Conference of Indian Association of Cardiovascular and Thoracic Surgeon at HICC Hyderabad, Telangana between 19 – 22, Feb. 2015

## **CONFERENCES AND SYMPOSIUMS ATTENDED :**

### **International Conferences**

1. *The 2nd minimally invasive Thoracic Surgery Interest Group : International Symposium Controversies in Cardiothoracic Surgery, HongKong, China from November 20 – 21, 1998.*
2. *7th Annual Meeting of the Asian Society for cardiovascular Surgery (Towards The Next Millenium On Cardiac Surgery) May 28 – 31, 1999 at Singapore.*
3. *7th World Symposium of heart valve diseases, queen Elizabeth Conference Hall, London,U.K., June 11 – 14, 1999.*

4. *2nd International meeting of the Onassis Cardiac Surgery Center (Fighting heart disease on the threshold of the 3rd millennium) December 7 –9, 2000 Athens, Greece.*
5. *15th Biennial Congress of the Association of Thoracic and Cardiovascular Surgeons of Asia, Mumbai Dec 6-9, 2001.*
6. *5th International Congress of the Asian Vascular Society “Challenges in Vascular and Endovascular Surgery” Singapore. May 23 – 26,2002.*
7. *Golden Jubilee of V.P. Patel Chest Institute. International Conference of Chest Diseases and Allied Sciences, India Habitat Centre, Lodhi Road, New Delhi from January 12-14, 2003.*
8. *89th Annual Clinical Congress of the American College of Surgeons, Chicago, Illinois from October 19-23,2003.*
9. *6th International Congress of Asian Vascular Society” and “11th Annual Conference of Vascular Society of India” at Bangalore, India from November 3 – 6, 2004.*
10. *The 17th Biennial Congress of the Association of Thoracic and Cardiovascular Surgeons of Asia (ATCSA) November 20 – 23, 2005 at Manila Phillipines.*
11. *22nd European Association of Cardiothoracic Surgeon (EACTS) Annual Meeting including techno college and Postgraduate courses at Lisbon, Portugal, between 13 - 17, September 2008 with special reference to the congenital and the Thoracic session .*
12. *23rd European Association of Cardiothoracic Surgeon (EACTS) Annual Meeting including techno college and Postgraduate courses at Vienna, Austria, between October 17, 2009 till October 21,2009.*
13. *24th European Association of Cardiothoracic Surgeon (EACTS) Annual Meeting including techno college and Postgraduate courses at Geneva, Switzerland between September 11 and 15,2010.*
14. *25th European Association of Cardiothoracic Surgeon (EACTS) Annual Meeting including techno college and Postgraduate courses at Lisbon, Portugal between October 1 – 5, 2011.*
15. *26th European Association of Cardiothoracic Surgeon (EACTS) Annual Meeting including techno college and Postgraduate course at Barcelona, Spain between October 27 - 31, 2012.*
16. *27th European Association of Cardiothoracic Surgeon (EACTS) Annual Meeting including techno college and Postgraduate course at Vienna, Austria between October 5-9, 2013.*
17. *28th European Association of Cardiothoracic Surgeon (EACTS) Annual Meeting including techno-college and Postgraduate course at Milan, Italy between October 11 - 15, 2014.*

18. *23rd Annual Meeting of the Asian Society for Cardiovascular and Thoracic Surgery - ASCVTS 2015 at Convention centre Hongkong which was held between 11th - 14th May 2015 and presented the research work titled "MORPHOGENIC PROTEIN EXPRESSION OF THE CALCIFIC MITRAL STENOTIC VALVE IN PATIENTS WITH RHEUMATIC HEART DISEASE."* Chandra A1, Sarma P 2 Department of CVTS1 and Biotechnology2, Sri Venkateswara Institute of Medical Sciences, Tirupati.
19. *29th European Association of Cardiothoracic Surgeon (EACTS) Annual Meeting including techno-college and Postgraduate course at Amesterdam, Netherlands between October 03 - 07, 2015.*
20. *30th European Association of Cardiothoracic Surgeon (EACTS) Annual Meeting including techno-college and Postgraduate course at Barcelona, Spain between October 01 - 05, 2016.*
21. *31st European Association of Cardiothoracic Surgeon (EACTS) Annual Meeting at Vienna, Austria between October 07 - 11, 2017.*
22. *32nd European Association of Cardiothoracic Surgeon (EACTS) Annual Meeting including techno-college and Postgraduate course at Milan, Italy between October 18 - 20, 2018.*
23. *World Congress on Cardiac Imaging & Clinical Cardiology (WCCICC -2019) at Mumbai between February 22-24 ,2019.*
24. *34th Annual Meeting EACTS European Association for Cardio Thoracic Surgery (Virtual Meet) EACTS House, Madeira Walk, Windsor SL4 1EU, UK between 8th – 10th October, 2020.*
25. *International Aortic Summit (virtual Aorto vascular symposium) held virtually between 12th -13th December, 2020.*
26. *World Federation of Cardiac Imaging and clinical Cardiology (WFCICC) and World Congress of Cardiac imaging and Clinical Cardiology (WCCICC) on chronic Coronary Syndrome (CCS); Current Concept and Its future Directions on 20th December 2020.*
27. *Virtual meet of the Asian Pacific Society of Cardiology (European Board for Accreditation in Cardiology) (EABC) : Cardiac Contractility Modulation therapy (CCM) for Heart Failure on 7th January 2021.*

## **National Conferences, symposium and workshops attended**

### *National Conferences*

1. *Chapter of Association of Surgeons of India. XI Annual Conference and C.M.E. Programme of Conference from 1st - 3<sup>rd</sup> Nov'85 at Allahabad, U.P., India.*
2. *U.P.Chapter of Association of Surgeons of India. XIV Annual Conference in 1988 at Aligarh, U.P., India*

3. 38th Annual Conference of the Indian Association of Cardiovascular Thoracic Surgeons (IACTS) from 20th - 23 rd Feb'92 at Calcutta, India.
4. North zone update in Cardiovascular Surgery and Cardiology in March'92 at Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow, India.
5. National Symposium on "HIV and Safe Blood Transfusion" from 30th Sept.1st - Oct. 1993 by Dept. of Transfusion Medicine, SGPGIMS, Lucknow, India.
6. 40th Annual Conference of the IACTS from 24th - 27 th Feb'94 at Agra, U.P. India.
7. Laboratory Medicine (CME) Sri Venkateswara Institute of Medical Sciences, 6th August, 1995, Tirupati, A.P.
8. 27th Annual conference of the Society of Nuclear Medicine India and Symposium by the Indo-American society of Nuclear Medicine, organized by the Dept. of Nuclear Medicine, Sri Venkateswara Institute of Medical Sciences, Tirupati, A.P. from 16th Nov 1995 till 18th Nov 1995.
9. 11th course on "Action plans for HIV-AIDS CONTROL" in India. Organised and conducted by Indian Society of Health Administrators at Sri Venkateswara Institute of Medical Sciences, Tirupati, A.P. from 20th Nov 1995 till 24th Nov ' 1995.
10. Indo American Symposia on Thoracic and Cardiovascular Diseases sponsored by the Maimonides Medial Centre. Lutheran Medical Centre and coney island medical centre Brooklyn, New york and the Bangalore Hospital, Bangalore, India from 7th Dec - 9th Dec 1995 at Bangalore, Karnataka.
11. 42nd Annual Conference of IACTS from 25th - 28th Feb.'96 at Vigyan Bhavan, New Delhi, India.
12. 48th Annual Conference of Cardiological Society of India from 6th-9th Oct.'96 at Bangalore, Karnataka, India.
13. Annual conference of Indian Society of Organ Transplantation IX Annual Conference, from 10th-12th Jan.'97 at Chennai, Tamil Nadu, India.
14. 43rd Annual Conference of the Indian Association of Cardio-thoracic and Vascular Surgeons, at Ooty, Tamil Nadu, India from 24th Feb to 28th Feb'97.
15. National comprehensive course in Cardiac Surgery at NIMS, Hyderabad from 1st Nov. to 7th Nov.'97
16. National Conference of Cardiac-thoracic and Vascular Anaesthesia, at SGPGIMS, Lucknow from 22nd to 23rd Nov.'97.
17. 4th Annual Conference of Vascular Society of India, at Bangalore, Karnataka from December 11 - 14, 1997.
18. 44th Annual Conference of The Indian Association of Cardio-thoracic and Vascular Surgeons, at Jaipur, Rajasthan from March 19 - 22, 1998.
19. Live teleworkshop on video Assisted Thoracic surgery: VATS 98, at Coimbatore, Tamil Nadu, on August 10,1998.

20. *The XXV Association of Surgeons of India - A.P. Chapter (ASI APCON), at Tirupati, Andhra Pradesh from September 11 – 13, 1998.*
21. *5th Annual Conference of Vascular Society of India at Ahemdabad, Gujarat from November 27th - 28th , 1998.*
22. *58th Annual Conference of the Association of Surgeons of India; ASICON'98, at Ahmedabad, Gujarat from December 25-30, 1998.*
23. *45th Annual Conference of Cardiothoracic and Vascular, at Bhopal, Madhya Pradesh from February 25- 28, 1999*
24. *Sixth Annual conference of Vascular Society of India, at Hyderabad, Andhra Pradesh, Nov. 18-20, 1999.*
25. *46th Annual Conference of The Indian Association of Cardiovascular and thoracic Surgeons March 05 - 08, 2000, at Mumbai, Maharastra.*
26. *25th Annual Conference of Indian Society of Blood transfusion and immunohaematology, Tirupati, Andhra Pradesh, Nov.: 10 – 12, 2000.*
27. *Seventh Annual Conference of Vascular Society of India, Nov. 16 – 19, 1999 at Chennai, Tamil Nadu .*
28. *60th Annual Conference of the Association of Surgeons on India, December 25 – 30, 2000 at New Delhi.*
29. *47th Annual Conference of The Indian Association of Cardiovascular and thoracic Surgeons Feburary 15 - 18, 2001, at Kolkata, West Bengal.*
30. *National Conference on Telemedicine, April 23-27, 2001, Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow, Uttar Pradesh. This was the first telemedicine conference of India in collaboration with European Institute of Tele-surgery, Strasbourg, France and Online Telemedicine Research Institute, Ahmedabad, India and sponsered by the Ministry of Information Technology, Government of India, New Delhi and Ministry of Information Technology, Government of UP, Lucknow.*
31. *8th Annual Conference and the live workshop of the Vascular Society of India, November 29, 2001 to December 02, 2001 at Pune, Maharastra, India.*
32. *61st Annual Conference of the Association of Surgeons on India, December 25 – 30, 2001 at Patna, Bihar.*
33. *48th Annual Conference of The Indian Association of Cardiovascular and thoracic Surgeons Feburary 14 – 17, 2002, at Chennai, Tamilnadu.*
34. *9th Annual Conference of Vascular Society of India between October 10-13, 2002 at Kodaikanal, Tamil nadu, South India.*
35. *48th Annual Conference International College of Surgeons (Indian Section) between November 14-17, 2002 at Ranchi Jharkhand, India.*
36. *62nd Annual Conference of The Association of Surgeons of India between December 25-30, 2002 at Kolkatta.*

37. *49th Annual Conference of The Indian Association of Cardiovascular and thoracic Surgeons February 11 – 14, 2003, at Hyderabad, Andhra Pradesh.*
38. *ICMR-WHO Workshop on Dissemination of Information, March 18-20, 2003, at S.V.Institute of Medical Sciences, Tirupati, A.P.*
39. *49th Annual Conference of International College of Surgeons (Indian Section), September 4-7,2003 at Chennai, India.*
40. *6th Live Workshop on Surgical Complications, December 6-7.2003 at Coimbatore, Tamil Nadu, India.*
41. *50th Golden Jubilee Annual Conference of The Indian Association of Cardiovascular and thoracic Surgeons February 19 – 22, 2004, at New Delhi.*
42. *15th Annual Conference of Indian Society of Organ Transplantation, ISOT 2004, September 30, 2004 till October 2, 2004, at Mumbai.*
43. *50th Golden Jubilee Annual Conference of International College of Surgeons (Indian Section) India Habitat Centre, New Delhi, October 28 – 31, 2004.*
44. *11th Annual Conference of the Vascular Society of India, at Bangalore, November 3 – 6, 2004.*
45. *7th Live Teleworkshop on Surgical Options for Heart Failure, at GKNM Hospital, Coimbatore November 20 – 21, 2004.*
46. *64th Annual Conference of the Association Of Surgeons Of India, at Hyderabad, December 26 – 30 2004.*
47. *51st Annual Conference of The Indian Association of Cardiovascular and thoracic Surgeons at Kochi, between February 17-20,2005.*
48. *7th Annual Conference of the Paediatric Cardiac Society of India (PCSI 2005), Hyderabad, Andhra Pradesh between July 15 – 17, 2005.*
49. *ICMR Workshop on Biomedical Communication, Nizam's Institute of Medical Sciences, Hyderabad, Andhra Pradesh between September 5 – 6,2005.*
50. *XXVIII Annual Conference , Association of Surgeons of India – A.P. Chapter, Nellore, Andhra Pradesh between September 23 – 25,2005.*
51. *12th Annual Conference of Vascular Society of India, Thiruvanthapuram, kerala, between November 10 – 13, 2005.*
52. *8th Live Teleworkshop on Surgical Options for Heart Failure, at GKNM Hospital, Coimbatore December 2 – 3, 2005*
53. *LXV Annual Conference of the Association of Surgeons of India and SAARC surgeons congress, at Jaipur Rajasthan between 25th and 30th December 2005.*
54. *International CME and Workshop in Cardiovascular and Thoraicic Surgery (ICWCVTS) at Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow India between Februar y 10th to 12th 2006.*



55. *52nd Annual Conference of Indian Association of Cardiovascular – Thoracic Surgeons, Bangalore, Karnataka between 23rd – 26th February 2006.*
56. *52nd Annual Conference of International College of Surgeons (Indian Section), October 5th – 8th, 2006 at Panjim, Goa, India.*
57. *53rd Annual Conference of The Indian Association of Cardiovascular and thoracic Surgeons February 8th – 11th, 2007, at Birla Auditorium, Jaipur.*
58. *New Horizons in Pulmonology – Thoracic Surgery and Critical Care organized by the Department of Pulmonology and Thoracic Surgery and Medical Intensive Care, Fortis Flt. Lt. Rajan Dhall Hospital, Vasant Kunj, New Delhi, India from August 25 to 26, 2007, at the Grand Vasant Kunj, New Delhi.*
59. *53rd Annual Conference of International College of Surgeons (Indian Section), October 25th – 28th, 2007 at Agra, U.P. India.*
60. *10th Annual live workshop on Aortic Aneurysms, at GKNM hospital, L.R.G. Naidu Institute : Department of Cardiothoracic surgery, Coimbatore from 17th to 18th November, 2007.*
61. *Xth Annual Conference of Indian Association of Paediatric Surgeons – A.P. Chapter, S.V. Medical College, Tirupati. 8th – 9th December, 2007.*
62. *LXVII Annual Conference of the Association of Surgeons of India (ASICON 2007) at Bhubaneswar from 25th till 30th December, 2007.*
63. *54th Annual Conference of Thoracic and Cardiovascular Surgery, IACTS 2008 at Pune Maharastra from 21st till 24th February 2008.*
64. *54th Annual Conference of Thoracic and Cardiovascular Surgery, IACTS 2008 at Pune Maharastra from 21st till 24th February 2008.*
65. *Foot Rec Con : CME held at Indian Medical Association, New Delhi on August 31, 2008.*
66. *LXVIII Annual Conference of the Association of Surgeons of India (ASICON 2008) at Ludhiana, Punjab from 25th till 30th December, 2008.*
67. *Live Surgical workshop on multi vessel small Thoracotomy OPCAB at STAR Hospitals, Hyderabad on 16.02.2009*
68. *27th Annual Conference KSC ASICON / ASI South zone between 20 – 22nd, 2009 at Bangaluru.*
69. *11th Annual live workshop on Mitral Valve reconstruction, at GKNM hospital, L.R.G. Naidu Institute : Department of Cardiothoracic surgery, Coimbatore from 14th to 15th March 2009.*
70. *16th Annual Conference of Vascular Society of India, Hyderabad from October 29 – Nov. 01, 2009.*



71. *55th Annual Conference of International College of Surgeons – Indian Section.(ICS IS Goldencon 2009, at Guru Nanak Dev University, Amritsar (Punjab), from 29th October 2009 till November 1,2009.*
72. *3rd Annual Conference of Venous Association of India, Bangalore from 22nd and 23rd January 2010.*
73. *CTCOMCON 2010 combined Annual meeting of the Asian Society for Cardiovascular and Thoracic surgery (18th) and Indian Association of Cardiovascular Thoracic surgeons (56th), at New Delhi between 25th Feb. 2010 till 1st March 2010.*
74. *17th Annual Conference of Vascular Society of India, Chennai from October 21 – Oct. 24. 2010.*
75. *12th Annual live workshop on minimally invasive cardiac surgery at GKNM hospital, L.R.G. Naidu Institute : Department of Cardiothoracic surgery, Coimbatore from 13th to 14th November 2010*
76. *70th Annual Conference of the Association of Surgeons of India with an international Medical Technology show”: “Where technology meets Medical Enterprises” ASICON 2010 with asitech, held at New Delhi, between 15.12.2010 and 20.12.2010.*
77. *Live workshop “ 4th Aortic Summit “ conducted on 8th and 9th January 2011 at MIOT Hospitals, Chennai.*
78. *Live workshop on “ Minimal access Cardiac Surgery” at Global Hospital, Hyderabad on 22 .01. 2011.*
79. *4th Annual Conference of Venous Association of India, Chandigarh between 4th and 5th Feburary 2011.*
80. *CTCOMCON 2010 combined Annual meeting of the Asian Society for Cardiovascular and Thoracic surgery (19th) and Indian Association of Cardiovascular Thoracic surgeons (57th), at Mahabalipuram between 17th – 20th Feb. 2011.*
81. *Live Demo and Scientific lecture : Aortic valve Root enlargement procedure and aortic valve sparing procedure: by Dr. Zohair y Al-Halees, senior consultant (adult and pediatric surgery) king Faisal specialist hospital and Research center, Riyadh, Saudi Arabia. On 16th July 2011. at sri Jayadeva institute of Cardiac Sciences and Research (SJICR), Bangaluru.*
82. *2nd National ECLS conference in collaboration with Indian Society of Extra Corporeal Technology (ISECT), Indian Association of Cardiovascular Thoracic Anaesthesiologists (IACTA) & Lillehei Heart Institute, University of Minnesota, USA, from 5th & 6th November 2011, held at Narayana Hrudayalaya, Bangalore, Karnataka.*
83. *13th Annual Live workshop on “Current Issues in Cardiac Surgery” at GKNM hospital, L.R.G. Naidu Institute : Department of Cardiothoracic surgery, Coimbatore on 3rd and 4th December 2011.*
84. *71st Annual Conference of the Association of Surgeons of India from December 25 – 30, 2011 at Kochi, Kerala.*

85. *A regional workshop on ECG interpretation an essential skill for the nurses on 23rd January 2012 at Aragonda Apollo College of nursing, Aragonda Chittoor.*
86. *IInd National Heart Valve Summit, New Delhi, between 27th to 29th January 2012.*
87. *58th Annual Meeting of Indian Association of Cardiovascular and Thoracic Surgeons (IACTS) & First Joint Workshop with EACTS at kolkatta between 8th - 12th February 2012.*
88. *Workshop on “mitral valve repair in Rheumatic heart disease” by Dr. Taweesak Chotivatanapong on 23rd March 2012 at Care hospital Banjara hills, Hyderabad.*
89. *“5th Vascular Society of India Midterm meet” 15.06.2012 till 17.06.2012 at Radisson, Mahabalipuram, Chennai.*
90. *“CT – CME 2012 Cardiac Surgery” organised by the Indian Association of cardiovascular and thoracic surgeons (IACTS) organized by Department of CT surgery, Narayana Hrudayalaya Hospital, Jaipur 25.08.2012 till 26.08.2012.*
91. *“Vascular Society of India: 19th Annual Conference” 26.09.2012 till 29.09.2012 at Jaipur*
92. *“72nd Annual Conference of the Association of Surgeons of India” 25.12.2012 till 30.12.2012 at Kolkatta, West Bengal.*
93. *“METAA : Fifth Aortic Summit : Consensus UPDATE in Aortic Surgery” held at MIOT hospital, Chennai between 11.01.2013 and 12.01.2013.*
94. *“59th Annual Meeting of Indian Association of Cardiovascular and Thoracic Surgeons (IACTS) Indian Association of Cardiovascular and Thoracic Surgeons”. Venue: Renaissance Mumbai Convention Centre Hotel, Near Chinmayanand Ashram, Powai, Mumbai between 14.02.2013 till 17.02.2013.*
95. *Aorta- 2013. Aortic Open and Endovascular, Repair – Techniques and Outcome Analysis – 2013, organized by the Department of Cardiac Radiology, All India Institute of Medical Sciences, New Delhi from 01.03.2013 till 03.03.2013.*
96. *IACTS Techno College 2013. “Recent Advances in Cardiac Surgery” April 5th – 6th , 2013 organized by Department of CVTS, King George’s Medical University, Lucknow, Uttar Pradesh.*
97. *CT CME 2013, IACTS 23-24 August, 2013 at Zachariah Mar Dionysius Auditorium, The Madras Medical Mission, Chennai.*
98. *VSICON 2013 20th Annual Conference of Vascular Society of India from 25th – 28th September 2013, Kodaikanal. Tamil Nadu*
99. *15th Annual Live Workshop “Mitral Valve Repair” October 26 – 27, 2013 GKNM Hospital, Coimbatore, Tamil Nadu.*
100. *59th Annual Conference of International College of Surgeons, Indian Section, Lucknow from 8th November to 10th November 2013 at the Scientific Convention Centre, King George’s Medical University Lucknow, U.P.*

101. *Thoracic Surgery 2013 CME cum Workshop under the auspices of Indian Association of Cardiovascular and Thoracic Surgeons held between 14 – 15, December 2013 organized by the Department of Cardiothoracic and Vascular Surgery, Jawahar Lal Nehru Medical College, Aligarh Muslim University, Aligarh.*
102. *Symposium on Future perspectives in CTVS International Conference on Cardiovascular diseases, organised by the Sri Sathya Sai Institute of Higher Medical Sciences( SSSIHMS), Prasanthigram, Puttaparthi, Andhra Pradesh between 14 -15, December 2013*
103. *73rd Annual Conference Of The Association Of Surgeons of India , ASICON 2013, Ahmedabad, Gujarat held between 24/12/2013 TO 29/12/2013 at Gujarat University Convention and Exhibition Center, Helmet Circle, Memnagar, Ahmedabad.*
104. *JIC 2014, Joint International Conference : Cardiovascular Thoracic Surgery (CVTS) track : Ahmedabad Aortic Conclave (AAC) between 11th and 12th January 2014 at CIMS hospital Ahmedabad.*
105. *60th Annual Meeting of the Indian Association of Cardiovascular and Thoracic Surgeons (IACTSCON 2014) at Kovalam, Trivandrum, Kerala from 20th – 23rd, February 2014.*
106. *1st foundation day workshop Silver jubilee celebrations between 22nd and 23rd March 2014 with a workshop on mitral valve repair at Department of Cardiovascular and Thoracic Surgery, Sanjay Gandhi postgraduate Institute of Medical Sciences, Lucknow.*
107. *Update on Heart Failure 2014 and hands on experience with LVAD and ECMO organized by the Heart Failure Society, India, held at Hotel Manasarovar, Begumpet, Secunderabad, on 19th and 20th April 2014.*
108. *Techno-college IACTS CT CME held at the Mission Hospital Durgapur, West Bengal between 2nd and 3rd, May 2014.*
109. *Pace Program : VATS Centre for Chest Surgery and Lung Transplantation, Sir Ganga Ram Hospitals, New Delhi between May 10 – 11, 2014 (9am to 5. 00 pm)*
110. *“ Valve repair Live workshop” organized by the fortis Hospitals, Bangalore on 31st May 2014 and 1st June 2014.*
111. *National Faculty for Postgraduate course : GKNM hospitals, Coimbatore, Tamil Nadu on 25th – 26th July 2014*
112. *National AIDS Control Organization and Indian Medical Association CME programme for Private physicians HIV / AIDS Prevention and Aids treatment Awareness participated as a faculty at Hotel Bliss, Tirupati 26 June 2014*
113. *21st Annual National Conference of Indian College of Cardiology ICCCON 2014, Tirupati, Andhra Pradesh, 19 -21 September 2014.*
114. *Faculty at International College of Surgeons – Indian Section ; ICSISCON 2014, Bangalore, Karnataka, 26th – 28th September 2014.*
115. *21st Annual conference of Vascular Society of India (VSICON 2014) held at Bhubhaneswar , Orissa between 15th – 18th October 2014*

116. 16th Annual Live workshop on “Aortic valve repair” GKNM hospital Coimbatore, Tamil Nadu between 25th – 26th October 2014
117. Heart Failure symposium and Mumbai Cardiology Society of India organized by D Y Patil School of Medicine, Navi Mumbai between 22nd – 23rd November 2014
118. Faculty for the One day workshop : Hands on Video Assisted Thoracoscopy, GSL Medical College Rajahmundry on 20th December 2014
119. 74th Annual Conference of the Association of Surgeons of India , Hyderabad Talangana, between December 26th – 30th December 2014.
120. 6th International Aortic Summit on “Aortic arch and thoracoabdominal Aneurysm” held at MIOT International. Chennai on 9th -10th January, 2015.
121. 8th Annual Conference of the Venous Association of India which was held between 5th and 7th February 2015 at Christian Medical College, Vellore, Tamil Nadu.
122. “BIMA off Pump Live workshop” at Olive hospital, Hyderabad, Telangana on 18th February 2015.
123. 61st Annual Conference of Indian Association of Cardiovascular and Thoracic Surgeon at HICC Hyderabad, Telangana between 19 – 22, Feb. 2015 and presented the following guest Lectures:
124. “Complex Surgery Tuberculosis” delivered on 19th Feb. 2015
125. Godrej Karai Oration delivered on “ Solitary Pulmonary nodule: An Experience at a Tertiary Care teaching hospital in south India.”
126. Discussant for the scientific paper titled “Clinical results of mosaic porcine bioprosthesis in the aortic and mitral position: upto 10 years.
127. CME on "Evaluation of Borderline coronary artery lesions" on 15-Mar-2015 (Sunday) at Sri Padmavathi Auditorium, SVIMS.
128. “Minimally invasive Cardiac surgery Cadaver workshop” on March 2015 at Bengaluru.
129. “4th International Indovasc Symposium” between 19th -21st March 2015 at Bangalore.
130. “Advances in least Invasive surgery Series (LISS) inclusive of the First south – east Asian workshop on totally endoscopic Cadiac surgery using Einstein 3D vision workshop”, at Heart Institute, Kovai Medical Centre Hospital Auditorium, Coimbatore, Tamil Nadu on 28th and 29th March 2015. The workshop also introduced in India for the first time smart Cannula and Cor-knot system.
131. “Minimally invasive Cardiac surgery Cadaver workshop” at Bangalore on 7th and 8th March 2015.
132. “ VSI midterm Meeting 2015” at Hotel Radisson Blu at Goa between 3-5 July 2015.

133. *"MICS 2015 : Live workshop on Minimally invasive Aortic Valve surgery (Live workshop – MICS AVR 2015)" on 18th and 19th July 2015 at Yashoda Hospital, Secunderabad.*
134. *"21st Conference of International Society of Laser in Surgery and Medicine (ISLSM 2015)" which was held between 19th and 22nd August 2015 in Indore and delivered a Guest Lecture on "Lasers and Cardio-thoracic surgery" on 20th August 2015.*
135. *The midterm Cardiac CME "Surgical spectrum for Mitral valve disease" which was held on 21st and 22nd August 2015. At Sri Sathya Sai Institute of Higher Medical Sciences, Prasanthigram, Andhra Pradesh.*
136. *The Annual CME of ATVSI a section of Association of Surgeons of India organized by the Department of Cardiovascular and Thoracic Surgery, Sri Venkateswara Institute of Medical Sciences, Tirupati at the Sri Padmavathi Auditorium, S.V. University, Tirupati on 29th August 2015.*
137. *The 1st Indian Coronary Surgery Congress which was held between 26th and 27th September 2015 organized by Fortis hospital, at JW Marriot, Vittal Malya Road, Bangaluru, Karnataka.*
138. *"The 22nd Annual Conference of Vascular Society of India", held between 28th – 31st October 2015 at hotel Westin, Koregaon Park, Pune.*
139. *" IACTS midterm Thoracic CME" organized by the Department of Cardiovascular and Thoracic surgery at Sri Padmavathi Auditorium, Sri Venkateswara Institute of Medical Sciences, Tirupati, Andhra Pradesh held between 21 – 22 November 2015 and delivered lecture on:*
  - a. *Bronchial valve in treatment of severe emphysema*
  - b. *Chest wall deformities*
140. *"17th Annual Live workshop Aortic valve repair and Proximal Aorta-II" on December 12-13, 2015 at GKD Auditorium, GKNM hospital Coimbatore.*
141. *The 75th Annual Conference of the Association of Surgeons of India , at Gurgaon held between 16th – 20th December 2015. She delivered a lecture on "Solitary Pulmonary Nodule –A perplexing diagnostic problem" on 19, December 2015.*
142. *The JIC 2016, 12th Annual Scientific Symposium : the heart failure Conclave which was held from January 8-10, 2016 at Ahmedabad, Gujrat.*
143. *The 9th Annual Conference of the Venous Association of India which was held between 11th and 13th February 2016 at Jaipur Rajasthan,*
144. *The 62nd Annual Meeting of the Indian Association of Cardiovascular and Thoracic Surgeons at SGPGIMS, Lucknow between 18th and 21st Feb. 2016.*
145. *CME on "Biomarkers in Cardiovascular Diseases" organized by Department of Cardiology at SVIMS, Tirupati on 4th March 2016 in Padmavathi Auditorium, SVIMS University, Tirupati.*
146. *Faculty attended the CME on Energy Metabolism – Clinical Implications conducted by the Department of Biochemistry and Endocrinology and Metabolism on 2nd April 2016 in Padmavathi Auditorium, SVIMS University, Tirupati.*



147. *Inaugural Conference of Society of Minimally Invasive Cardiovascular and Thoracic Surgeons of India on 6th and 7th August 2016 at J.W. Marriot New Delhi Aerocity*
148. *Faculty attended the 23rd Annual Conference of Vascular Society of India and 2nd Conference of World Federation of Vascular Society (WFVS), held between 15th – 18th September 2016 at Bangaluru, Karnataka.*
149. *Faculty attended the “ Video Assisted Thoracic Surgery workshop and Thoracic CME” organized by the Department of Cardiovascular and Thoracic surgery at Rajiv Gandhi Institute of chest disease. Bangaluru and Indian Association of Cardiovascular and Thoracic Surgeons (IACTS) between 4 – 6 November 2016 and delivered invited lecture on: "SOL in Lungs - evaluation and management"*
150. *Faculty attended the 62nd Annual Conference of the International College of Surgeons ICSIS-2016 at Guwahati, Assam held between 11th to 12th November 2016. She delivered an invited lecture on “Solitary Pulmonary Nodule: Experience At A Tertiary Care Teaching Hospital In South India”.*
151. *Faculty attended the Technology conclave 2016 organised by the Shree Chitra Tirunal Institute for Medical Sciences and Technology, Thiruvanthapuram on 19 November 2016.*
152. *Faculty attended the 76th Annual Conference of the Association of Surgeons of India , at Karnataka open University, Mysore held between 14th – 18th December 2016. She delivered an invited lecture on “Management of Secondaries in lung” on 17, December 2016*
153. *104th Indian Science Congress (Science and technology for National Development) which was held from January 3-7, 2017 at Sri Venkateswara University, Tirupati.*
154. *Faculty attended the “63rd Annual meeting of Indian Association of Cardiovascular Thoracic Surgeons” IACTSCON 2017 at Bengaluru during 23-26 February 2017*
155. *Faculty attended the VAICON 2017 (10th Annual Conference of Venous Association of India) at Varanasi from 2-4 March 2017*
156. *Ethicon Science & Innovation Symposium” in Delhi on 15 & 16 July 2017.*
157. *Faculty attended the 15th Annual Conference of Association of Thoracic & Vascular Surgeons of India held at hotel Taj Banjara on Sunday 30th July, 2017.*
158. *Faculty attended the 2nd Annual Conference of Society of minimally invasive Cardiovascular and Thoracic Surgeons of India held on September 9-10, 2017 at Hotel Marriott, Jaipur, India*
159. *Faculty attended the “Perspectives in Organ Transplantation in India” for BLISS Cardiac and Critical Care Group on 24th September, 2017 in Near Kapilatheertham Circle, Tirupati. And was also the chief Guest for the function.*
160. *Faculty attended the 18th Annual LIVE Workshop on “Redefining Skills” held at GKD Auditorium, GKNM hospital, Coimbatore on 30th September & 1st October, 2017.*

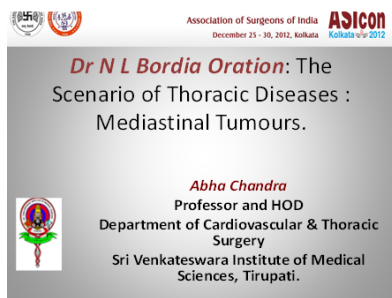
161. *Faculty attended the 8th Annual Conference 2017 conducted on 28th -29th October, 2017, by the Department of ECMO/Pediatrics/Critical Care, Krishna Institute of Medical Sciences Secunderabad.*
162. *Faculty attended the IACTS National Thoracic CME 2017 held at Seminar Hall, Madras Medical College, Department of Cardiothoracic Surgery Chennai on 4th and 5th November, 2017 .*
163. *Faculty attended the 3rd AMRITA HEART CONCLAVE 2017- MICS CABG” at Amrita Institute of Medical Sciences, Kochi on 18th and 19th November, 2017 and Chaired a session.*
164. *Faculty attended the 77th Annual Conference of the Association of Surgeons of India , Jaipur which is to be held between 27th – 30th December 2017.*
165. *Faculty attended the “64th Annual meeting of Indian Association of Cardiovascular Thoracic Surgeons” IACTSCON 2018 at Vishakhapatnam during 23-26 February 2018*
166. *Faculty attended the IACTS technocollege Cardiac CME-2018” at Kanpur U.P. theme “emerging technologies.... Together towards tomorrow” held on 5th and 6th May 2018*
167. *Faculty attended the 1st ENDOVASCULAR CME Evolution 2018 : EVL master class south chapter in association with the Vascular Society of India at hotel Novatel Varun Beach Vishakhapatnem on 5th August 2018*
168. *Faculty attended the 16th annual Conference of Association of Thoraco-Vascular Surgeons of India (ATVSI) which was held between 18th and 19th August 2018 at Indore Madhya Pradesh.*
169. *Faculty attended the 34th Annual Indian Society at Anaesthesiologists South zone conference ISACON south 2018 at Tirupati held between 7th to 9th September 2018*
170. *Faculty attended the 25th Annual Conference of Vascular Society of India (VSICON 2018) Jammu, J&K which was held between 3rd to 6th October 2018.*
171. *Faculty attended the 4th AMRITA HEART CONCLAVE 2018 : A workshop on aortic root surgery between November 17th and 18th 2018 at Amrita Institute of Medical Sciences KOCHI . Focus theme : Valve sparing aortic root surgery, bio bentall procedure, Aortic root enlargement and Hypertrophic Obstructive Cardiomyopathy.*
172. *Faculty attended the 8th International Aortic summit which was held at Hotel Ramada Plaza at Chennai between 21st to 24th November 2018.*
173. *As Faculty shall attended the 78th Annual Conference of the Association of Surgeons of India , Chennai which is to be held between 26th – 30th December 2018.*
174. *As Faculty attended “4th National Conference Thoracic Endoscopy Society jointly with 1st National conference of Indian Society of Thoracic Surgeons at Vivekananda Institute of Medical Sciences, Kolkata between January 19-20, 2019.*
175. *As Faculty attended 27th ASCVTS & 65th IACTSCON 2019 at Chennai between February 21-24, 2019.*



- 176.As Faculty attended "the Master class in managing Thoracic disease" workshop CME, 2nd March 2019 at SUM hospital SOA, Bhubhaneswar Odisha.
- 177.As Faculty attended the "Rayalaseema Interventional Pulmonology Update 2019" on 21st April 2019 and was the guest of honour for the Continuing Medical education program.,
- 178.As Faculty attended Cardiac Surgical skill course at Chittinad Medical College at Chennai on 22nd June, 2019.
- 179.As Faculty attended the" Annual Conference of Andhra state Chapter of Respiratory Medicine .Pulmonology" 3rd and 4th August 2019.
- 180.Prof. Abha Chandra attended the EVOLUTION 2019: EVL Master class South Chapter, 2nd Endovascular CME at Visakhapatnam on 4th August, 2019.
- 181.As Faculty attended the Annual meeting of the ATVSI 2019 at Dr.K.N.Udupa Auditorium, IMS, BHU on 6th October, 2019. She presented two invited lecture on : "Aspergilloma : An Experience at a tertiary Care centre" "Vascular armamentarium"
- 182.As Faculty attended VSICON 2019 26th Annual conference of Vascular Society of India held at Hyderabad between 17-19 October, 2019.
- 183.As Faculty attended Indian Association of Cardio Vascular – Thoracic Surgeons Thoracic CME – at Government Medical College , Jammu between 15- 16, November, 2019.
- 184.As Faculty attended the continuing Education programme (CEP) on "Pathophysiology of high altitude diseases"of DRDO held at Defence Institute of Physiology & Allied Sciences at Delhi between 19 -21 November, 2019.
- 185.As Faculty attended the 5th Amrita heart Conclave: Total endoscopic Mitral Valve Repair" at Amrita Institute of Medical Sciences and Research Centre, Kochi on 14th and 15th December 2019.
- 186.As Faculty attended the 79th Annual Conference of Association of Surgeons of India (ASICON 2019) from 18th to 21st December 2019 SOA University, Bhubhaneswar, Odisha..
- 187.As Faculty attended as a faculty at the Annual conference of the American College of Surgeons India Chapter 2020,(GURUKKUL ACSCON – 2020) in New Delhi ( India) between 2nd – 5th January 2020,
- 188.As Faculty attended "2nd Annual National Conference of Indian Society of Thoracic Surgeons ISTSCON 2020 at National Institute of Tuberculosis and Respiratory Diseases, New Delhi, India between January 18th and 19th 2020.She participated as a faculty for the theme of "Transition of Thoracic Surgery from Conventional to Minimally Invasive Surgery Challenges and Opportunities Ahead"
- 189.As Faculty attended as Faculty 66th Annual conference of Indian Association of Cardiovascular Thoracic Surgeons, IACTSCON 2020 held at The Forum, Ahmedabad from 6th to 9th February, 2020.

- 190.As Faculty participated in Pre-Conference Workshop as a Faculty during Mid term Annual Conference of Indian Association of Surgical Oncology (MIDCON IASO 2020) held at Sri Padmavathi Auditorium, SVIMS, Tirupati on 28th February 2020.
- 191.As Faculty participated as Faculty at the first Virtual Midterm VSICON meet of Vascular Society of India on 27th September 2020
- 192.As Faculty participated VSICON 2020 Virtual Annual Conference of the Vascular Society of India held between 27th – 29th November, 2020
- 193.As Faculty participated Vascular Imaging India 2020 (Cardiovascular Therapeutics Digital edition on 5th December.
- 194.As Faculty participated the IMA Kakinada and Dr. NVS Nayudu Health Education trust Live webinar on IMA Kakinada CME and Dr. NVS Nayudu Oration on 12th December 2020 from 9.00 AM to 8.30 AM.
- 195.As Faculty participated at the Sanjay Gandhi Postgraduate Institute of Medical Sciences Alumni Day 2020 on 13th December 2020 (Virtual Meet)
- 196.As Faculty participated as a Faculty at the Annual Virtual meet of the ASICON 2020 on 18th December 2020. She Chaired a session on “ N.L. Bordia Oration”
- 197.As faculty at the Virtual Annual meeting of the 67th Indian Association of Cardiothoracic and Vascular surgeons 26-28, feb.2021.

## ORATIONS DELIVERED:



1. “Dr. N. L. Bordia Oration” delivered at the Annual Conference of the Association of Surgeons of India December 2012 at Kolkatta Topic: Scenario of Thoracic Diseases: Mediastinal Tumors.

2. “Godrej Karai Oration” awarded by the Indian Association of Cardiovascular and Thoracic Surgeons which was delivered at the 61st Annual Conference of Indian Association of Cardiovascular and Thoracic Surgeon at Hyderabad in 19 –22, Feb. 2015.Topic of Presentation: “ Solitary Pulmonary nodule: An Experience at a Tertiary Care teaching hospital in south India.”



3. *She has been conferred with the “Meherji Mehta Memorial oration 2021” for avowing experience and service rendered in the speciality of Cardiovascular Surgery.*

The title of presentation is ***“Surgical Treatment of Tuberculosis Past and Present - A tertiary Care institutional Experience of Over 25 years”***. The oration was delivered at the **Virtual 67<sup>th</sup> Annual Conference of IACTS 2021 on 28<sup>th</sup> Feb., 2020.**

## **Thesis for M.S. General Surgery**

**Thesis titled :** ***“A study of Changes in Serum enzymes before, during and after surgery.”***

**GUIDE:** Prof. H.S.Lakhtakia, Chairman Dept. of Gen. Surgery.

**CO-GUIDE:** Dr. W.A. Naqvi, Reader Dept. of Biochemistry.

Place of Research: Department of General Surgery and Biochemistry

Jawahar Lal Nehru Medical College

Aligarh Muslim University (AMU)

Aligarh, Uttar Pradesh.

## **MEMBERSHIP OF PROFESSIONAL SOCIETIES AND ASSOCIATIONS:**

1. Life member of Association of surgeons of India. (membership no.7150 )
2. Life member of Indian Association of Cardiovascular and Thoracic Surgeons. ( membership no. F19972009)
3. Life member of Indian Society of Organ Transplantation. (membership no. L.M. 340)
4. Life member of Nuclear Cardiological Society of India (NSCI). (membership no. 041/95-96).
5. Life member of Vascular Society of India.
6. Fellow member of the American College of Surgeons (3081941) 2003
7. Fellow member of the International College of Surgeons (2003)
8. Life member of Association of Thoracic and Cardiovascular Surgeons of Asia.

9. Life member of the Association of Thoracic and Cardiovascular society of India which is a specialist branch of the Association of Surgeons of India.
10. Life Member of The Indian Society of Telemedicine.
11. The Society of Heart Valve Disease, London U.K. (Membership No.1220)
12. Life member of the Asian Vascular Society, Singapore
13. Life Member of the Venous Association of India.
14. Inducted as an active member of the European Association for Cardio-thoracic Surgery on 5th October 2015.
15. Life member of the Thoracic endoscopy society 2019
16. Life member of the Indian Society of Thoracic surgeons
17. Life member of the Society of Heart Failure and Transplantation.

**Present work involves surgeries and training students in the field of Cardiovascular and Thoracic surgery.**

**Presently involved with Cardiovascular and Thoracic Surgery, which includes:**

***Cardiac surgeries:***

- Valvular heart surgeries : Valve reconstruction and replacement.
- Congenital heart diseases: correction of simple congenital defects.
- Coronary artery bypass grafting
- Cardiac Injury: surgical management

***Thoracic Surgeries***

- All types of lung resections: segmentectomy, wedge resections, lobectomies and pneumonectomies
- Tracheobronchial surgeries
- Surgeries for lung tumors
- Surgeries for chest wall diseases and tumors including injuries

- Surgeries for mediastinal masses.

### ***Vascular surgeries:***

- Surgeries for Aortic aneurysms and aortoarteritis
- Surgeries for aortoiliac diseases and peripheral arterial occlusive diseases.
- Management of vascular injuries.

### **Work also involves training:**

1. Post MS (General Surgery) candidates for M.Ch in Cardiovascular and Thoracic Surgery: 4 students / year.( Course being recognized by the Medical Council of India.
2. Guide for Ph.D (Physiotherapy for Cardiovascular and Thoracic diseases).
3. Training Cardio-pulmonary perfusion candidates which is a 4 years B.Sc course: 2 students / year.
4. Teaching and training programmes for bachelor of Physiotherapy students
5. Teaching and training programmes for bachelor of Nursing students.

### **Trainees of the Department: (passed M.Ch: CVTS):**

1. Dr. Kodandapani, HOD Cardiovascular and Thoracic surgery at Narayana Medical College, Nellore. Prior to this was working as Consultant cardiac surgeon, Yashodha Hospitals, Hyderabad, Andhra Pradesh.
2. Dr. Bala Subramani Consultant Cardiac and Transplant Surgeon Global Hospitals, Chennai (post M.Ch. Lecturer Cardiovascular and Thoracic surgery, SVIMS, Tirupati, Andhra Pradesh)
3. Dr. Amit Kiran Consultant Cardiac Surgeon Vadehi Cardiac, Bengaluru, Karnataka.
4. Dr. B. M. Lokesh .Assistant Professor, Jayadeva Institute of Cardiology, Bengaluru, Karnataka.
5. Dr. Vinod Bhan .Presently Professor Dept. Of CVTS SVIMS and prior was Consultant Cardiac Surgeon at Madras Medical Mission, Chennai, Tamil Nadu.

6. Dr. Murali Hareesh. Assistant Prof, Narayana Medical College, Nellore, A.P. and Asst. Prof./ Assoc. Prof. Dept. of CVTS, SVIMS. Now working at Shanta Medical College Nandayal, Andhra Pradesh.
7. Dr. Ravi Kiran Reg. No 9720011 was awarded the "Dr. G subramanyam and Dr. G Sunitha Subramanyam Gold medal for the year 2012 in Cardiovascular and Thoracic Surgery. (Surgical section). Now working as Consultant Cardiac surgeon at the Innova Childrens hospital, Hyderabad
8. Dr. Kiran Kumar Reg. No.: 9720012 Passed his M.Ch, SVIMS. Consultant in Cardiac surgery at Bilroth hospital in Chennai
9. Dr. Moti Lal Passed and working with the A.P. Govt. and is posted at Kurnool Medical College.
10. Dr. Ragavendra Passed M.Ch
11. Dr. N. Ashok Passed working as senior Resident at GUNTUR Medical College
12. Dr. Hari Krishna Murthy M.Ch (He was awarded the "Dr. G subramanyam and Dr. G Sunitha Subramanyam Gold medal for the year 2016 in Cardiovascular and Thoracic Surgery. (Surgical section). Now working as Assistant Professor S.V. Medical College, Tirupati.
13. Dr. Harivadan Lukka Passed M.Ch and working as Assistant Professor Dept. CVTS Andhra medical College, Vizag, Andhra Pradesh.
14. Dr. Naga Durga Prasad Vallabu Passed M.Ch
15. Dr. Kalyani Rama Passed M.Ch. Now working as Assistant Professor Guntur Medical College, Andhra Pradesh.

### **Guide for M.Ch DESSERTATION PROJECTS**

1. Effects of mitral valve replacement on the pulmonary vasculature dynamics in patients with long standing mitral valve disease and pulmonary artery hypertension. Dr. Govini Bala Subramani. (Awarded)

2. Comparative study between the bioprosthetic valve vs mechanical valve in patients undergoing aortic valve replacement for isolated aortic valve disease. Dr. Murali Hareesh, M.Ch (Awarded).
3. Effect of Valve prostheses patient mismatch on left ventricular mass regression following Aortic valve replacement in patients with Aortic stenosis. Dr. Ravi Kiran, M.Ch student (Awarded)
4. Double valve replacement – Predictors of adverse outcome. Dr. Kiran Kumar, M.Ch student (Awarded)
5. The effect of Atrial fibrillation on the outcome in patients with Mitral valve replacement: Dr Motilal M.Ch (Awarded).
6. Left atrial reduction in mitral valve replacement: Dr. K Raghavendra M.Ch (Awarded)
7. Is it so much beneficial to repair moderate Tricuspid regurgitation concomitantly in left heart Chronic Rheumatic valvular lesions. Dr. N Ashok M.Ch (Awarded)
8. Early Postoperative Outcome based on the Hemodynamic Comparison Between Complete And Partial Preservation Of Mitral Valve Apparatus during Mitral Valve Replacement. Dr. Naga Durga Prasad Vallabu M.Ch (Awarded)
9. Clinical and Haemodynamic Comparison of bileaflet mechanical prosthesis open pivot (Medtronic) versus closed pivot (St. Judes) in mitral position: A Prospective Study. Dr. Harivadan Lukka M.Ch (Awarded).
10. Persistence of Left Ventricular hypertrophy and left atrial dilatation after Aortic Valve Replacement affect early outcomes and survival : A PROSPECTIVE STUDY Dr. P. Hari Krishna Murthy M.Ch (Awarded)
11. “To Study The Outcome Of Double Versus Single Valve Replacement For Rheumatic Heart Disease” Dr. Kalyani Rama M.Ch (Awarded).

### **Guide for Ph.D: Research Project**

1. “Effective of graded aerobic exercise in post surgical acyanotic congenital heart disease.” Dr. K. Madhavi, Regn no. 5143 College of Physiotherapy, SVIMS University Tirupati. Awarded in July 2011. (Awarded)



2. "A study of early mobilization of the patients undergoing coronary artery bypass grafting". Mr. K. Senthil Kumar, College of Physiotherapy, SVIMS University, Tirupati.
3. "A study to assess the Neuro Psychological status, Cognitive performance and Coping style among the patients undergoing Coronary Artery Bypass Graft Surgery." Mrs. M. Bhagya lakshmi, College of Nursing, SVIMS University, Tirupati. (Awarded)
4. "Effect of Exercise Training after mitral valve replacement on quality of life and Exercise tolerance in patient with mitral stenosis – A prospective randomized controlled trial". Mrs. Shanti, Lecturer, College of Physiotherapy, SVIMS University. (Awarded)
5. Principal investigator: N.Kavitha, Tutor, College of Physiotherapy , SVIMS.  
Chief Guide: Dr.Abha Chandra  
Title: " To study establish and affirm the excise protocol and its correction to the INR (international Normalized ratio) and cardio –respiratory fitness in post surgical valve replacement individuals".
6. Principal investigator: M.Suresh Kumar, Tutor College of Physiotherapy, SVIMS  
  
Chief Guide:Dr.Abha Chandra  
  
Title:"The impact of TENS (Transcutaneous electrical Nerve stimulation) and graded exercise in individuals with subacute peripheral arterial disease in the lower Limb."

## Other Research Projects

**Associated with other Departments: Dr. ABHA CHANDRA is co guide for the following research Projects:**

1. Principal Investigator: Dharni Prasad G M.Sc, Pg. Dip. Physician Asst (Ph.D.).  
Department of Anaesthesiology Submitted for Review and Viva

Title: "The influence of G472A Polymorphism of membrane bound Catechol-O Methyltransferase gene on chronic persistent surgical pain in patients undergoing open heart surgeries with median sternotomy".

2. Principal Investigator : Dr. G Sandhya (M.D. Transfusion Medicine)

A study to formulate Maximum Surgical Blood order schedule at a tertiary care referral teaching Institute in Andhra Pradesh, South India.

3. Principal Investigators: (D Pharma students) T. Pavan Sai, T Rachana, B Sai Sushmitha, P Sai Tejaswini ( IEC No. 1105)

“ Study of Prescription patterns of anti-platelets and anticoagulants and role of risk factors in the management of peripheral vascular disease

## EXAMINERSHIP

- M.Ch (Cardiovascular and Thoracic surgery) Practical and viva voce University of Mumbai, Mumbai 2008, Maharastra University of Medical Sciences, Nashik 2011, 2012, 2015 Gujrat University, Ahmedabad 2012, 2013, 2014. Amrita Institute of Medical Sciences, Cochin 2014, 2015 Madras Medical College, Chennai, JayaDeva Institute of Cardiac Sciences, bangaluru, West Bengal University, Kolkatta. Nizam's Institute of Medical Sciences, Hyderabad.
- DNB (Cardiovascular and Thoracic Surgery) practical and viva voce Part I exam (6 yrs course) and 3 years course.
- Paper setter: M.Ch (CVTS) entrance Delhi University 2009, M.Ch entrance JIPMER Pondicherry 2007, 2008, 2010, 2011, 2012, 2013, 2014. M.Ch entrance SMS Medical College Jaipur 2010. Nizam's Institute of Medical Sciences, Hyderabad 2012, 2013, 2014, 2015, Madras Medical College, Chennai, JayaDeva Institute of Cardiac Sciences, bangaluru,
- Paper setter: M.Ch Cardiovascular and Thoracic surgery University of Mumbai, 2008, 2014, 2015 SMS Medical College, Jaipur 2010, University of Gujrat. 2012, 2014, 2015, University of Kerala 2019, 2021, Kaloji Narayana Rao University of Health Sciences, Warangal, Telangana state 2017, 2021. Nizam's Institute of Medical Sciences, Hyderabad
- Paper setter: M.Ch (Vascular Surgery) M.G.R. University 2009, 2010, 2011, 2012, 2015, 2017, 2020

## CME AND WORKSHOP ORGANIZED

1. “Live Workshop on Tissue Valve Replacement” on 8th May 2010 Sri Padmavathi Auditorium, by the Department of Cardiothoracic Surgery, Sri Venkateswara Institute of Medical Sciences, Tirumala Tirupati Devasthanams, Tirupati. Prof. Abha Chandra was the organizing secretary for the workshop. The invited eminent speakers were Prof. (Dr) Krishnarao N Bhosle and Prof. (Dr) Kanak Narayan Nagle from Mumbai. The workshop had live telecast of tissue valve replacement techniques with multiple suture placement and single suture placement along with the demonstration of the Alfiri stitch for Tricuspid valve regurgitation along with two lectures as follows:
  - a. “Post Operative Management in patients with valvular heart disease” by Dr Krishna Rao N Bhosle Prof & HOD, Department of Cardiovascular and Thoracic Surgery, Sir JJ Govt. Hospital, Mumbai.
  - b. “Choice of Prosthesis in mitral valve surgery” by Dr Kanak Narayan Nagle Prof & HOD, Department of Cardiovascular and Thoracic Surgery, B. Y. L Nair Charity Hospital & T. N. Medical College, Mumbai.
2. CME programme jointly by Department of Cardiology and Cardiovascular and Thoracic Surgery on 03.03.2012 between 2.00 pm and 5.00 PM in Sri Padmavathi Auditorium, SVIMS, Tirupati.
3. Organized a clinical Programme on “Intra Aortic Balloon Pump” on 21.05.2012 in the Department of Cardiovascular and Thoracic Surgery by Axel Neizart, International Therapy Development Manager from Germany, an intensive care therapist who has more than 15 years experience in IABP (Sponsored by Maquet).
4. A Professional Education Initiative : In service Programme (ISP) organized in the Department of Cardiovascular and Thoracic Surgery by Ethicon Division, Johnson and Johnson Medical India on 13.10.2012 at 3.00 pm. Program focused on the sterility in the operation theatre and the intensive care unit and suture handling in cardiovascular and thoracic surgery.
5. CME programme jointly by Department of Cardiology and Cardiovascular and Thoracic Surgery on 06.04.2013 between 2.00 pm and 5.00 PM in Sri Padmavathi Auditorium, SVIMS, Tirupati.
6. “Tirupati Thoracoscopy workshop 2014 -Medical thoracoscopy and VATS Hand- on wetlab” on 23. August 2014, at SVIMS Tirupati. The course Director was Dr. Sai Yendamuri, from Citizen Hospitals, Hyderabad. Faculty were Dr.

Vijay Kumar, Interventional Pulmonologist, Citizens Hospital, Hyderabad and Dr. Alladi Mohan, Chief, Division of Medicine, SVIMS, Tirupati.

*This Workshop was dedicated to revolutionize patient care through the development of endoscopic intervention for chest diseases, which was emerging from the development of new endovision equipment along with hand instruments. This will enable surgeons and pulmonologists to offer less invasive diagnostic and therapeutic options for a variety of thoracic disorders.*

7. Peripheral arterial disease: CME and interactive session on “Peripheral Arterial Occlusive Disease and Grafts and conduits available in vascular armamentarium” conducted by Department of Cardiovascular Thoracic Surgery, SVIMS, Tirupati on 22nd September 2014 and Prof. Abha Chandra delivered two lectures on :
  - “Peripheral Arterial occlusive Disease of the lower limb”
  - “Vascular grafts and conduits used as arterial substitutes”
8. Workshop on Radio Frequency Ablation for AF at mitral valve replacement on 16.12.2014 and 17.12.2014 organised by the Department of Cardiovascular and Thoracic surgery, SVIMS Tirupati. The workshop was guided by Ms. Pia Gremmel, senior Educational Manager from Medtronic – Western Europe & Canada. She delivered a lecture on “AF & the Surgical Approach for the treatment of AF” on 16.12.2014.
9. Annual CME of ATVSI a section of Association of Surgeons of India organized by the Department of Cardiovascular and Thoracic Surgery, Sri Venkateswara Institute of Medical Sciences, Tirupati at the Sri Padmavathi Auditorium, S.V. University, Tirupati on 29th August 2015.



Welcome address by Dr. Abha Chandra



Lecture on Peripheral arterial disease by Dr. Pankaj Kumar



10. "IACS midterm Thoracic CME" organized by the Department of Cardiovascular and Thoracic surgery at Sri Padmavathi Auditorium, Sri Venkateswara Institute of Medical Sciences, Tirupati, Andhra Pradesh held between 21 – 22 November 2015

11. VATS wet lab organized at the "IACS midterm Thoracic CME" organized by the Department of Cardiovascular and Thoracic surgery at Sri Padmavathi Auditorium, Sri Venkateswara Institute of Medical Sciences, Tirupati, Andhra Pradesh on 22 November 2015

## Awards and Fellowships:

### *In Professional Career as Cardiac Surgeon:*

1. **SS Anand Travelling Fellowship** by the Indian Association of Cardiovascular and Thoracic Surgery for the year 1998 – 1999, at Shree Chitra Tirunal Institute of Medical Sciences and Technology, Thiruvananthapuram, Kerala, India. Duration of the Fellowship : 6 weeks from September 07, 1999 till October 18, 1999.
2. **Common Wealth Fellowship** nominated by the University Grant Commission for the year 1999 – 2000.
3. **Reeve H. Betts Fellowship** by the Indian Association of Cardiovascular and Thoracic Surgery for the year 2001 – 2002, at Bombay Hospital and Medical Research Center, Marine Lines and Leelavati Hospital and Research center, Bandra Reclamation, Mumbai, Maharastra, India. Duration of the Fellowship : 6 weeks from July 06, 2001 till August 14, 2001.
4. Recipient "A.P.State Govt. Appreciation Award" in the year 2001.



5. **Fellow of the Association of Indian Surgeons (FAIS)**, conferred by the Association of Surgeons of India at the convocation held on 28th December 2001 at the 61st Annual Conference of the Association of Surgeons on India, December 25 – 30, 2001 at Patna, Bihar.
6. Awarded the “**Rastriya Ratan Award**” for Medicine –2003 at Delhi.
7. **Fellow of the International College of Surgeons (FICS)** in Cardiovascular and Thoracic Surgery, conferred on June 30,2003, by the College International De Chirurgiens founded in Geneva 1935, Incorporated in Washington D.C.,1940. Presented at the Convocation held on September 6, 2003, held during the 49th Annual Conference of International College of Surgeons (Indian Section), September 4-7,2003 at Chennai, India.
8. **Fellow of the American College of Surgeons (FACS)**, conferred on 19th of October at the convocation held at Chicago, Illinois during the 89th Annual Clinical Congress of the American College of Surgeons, Chicago, Illinois from October 19-23,2003.
9. **Fellow of the Indian Association of Cardiovascular and Thoracic Surgeons (FIACS)** conferred on her in 2004
10. **Rotary Club of Tirupati Felicitated** on 09.09.2010 for her contribution in the field of Cardiac surgery.
11. **Fellow of Vascular Society of India (FVSI)** was conferred at the annual Conference of the Vascular Society of India on 16 October 2014
12. **A.K.Basu Visiting Professorship** awarded by the Indian Association of Cardiovascular and Thoracic surgeons, at the Annual Meeting of the Indian Association of Cardiovascular and Thoracic Surgery held at Lucknow in Feb. 2017.
13. **Best performing Department Cardiovascular and Thoracic surgery in the state of Andhra Pradesh (2nd Place) 2018** Sri Venkateswara Institute of Medical Sciences, Tirupati awarded by the Dr. NTR Vaidya Seva Trust , Govt. of ANDHRA PRADESH. Received by Dr, Abha Chandra for performing highest number of surgeries under the Government scheme.



### **Awards in 2020**

14. Prof. ABHA CHANDRA has been awarded the Certificate of Excellence in Reviewing in recognition of an outstanding contribution to quality of the Journal (Asian Journal of Case reports in Medicine and Health).

15. Prof. ABHA CHANDRA has been bestowed with the “Best Reviewer” award for the Indian Journal of Thoracic and Cardiovascular Surgery for the year 2020.
16. Prof. ABHA CHANDRA has been awarded the Certificate of Excellence in Reviewing of Asian Journal of Case Reports in Medicine and Health 2021 has been recognition of an outstanding contribution to the quality of the Journal .
17. Prof. ABHA CHANDRA has been awarded the Certificate of Excellence in Reviewing of Journal of Advances in Medicine and Medical Research 2021 in recognition of an outstanding contribution to the quality of the Journal.
18. Prof. ABHA CHANDRA has been awarded the GOAL AWARDS for the outstanding contribution in the field of Cardiovascular and Thoracic surgery on Sept. 8, 2021 at the International Summit on “Economic growth and Social Development” at Delhi.
19. Prof. ABHA CHANDRA has been nominated for the Award of Excellence in the field of Cardiovascular and Thoracic surgery 2021 by the Venus International Health Awards (VIHA), Venus International Foundation at Chennai.

#### *Achievements and commitments through 2019 and 2020:*

1. Dr. ABHA CHANDRA has been given the Recognition for her peer reviews – past and present by the PUBLONS, Asian Cardiovascular and Thoracic Annals has given official recognition for the peer reviews she has performed in Publon journals in the past. They have found it to be of valuable contribution to research.
2. Dr. ABHA CHANDRA, Department of Cardiovascular and Thoracic surgery SVIMS and Defence Institute of Physiology and Allied sciences, Ministry of Defence, New Delhi are in collaboration for a Research Project titled “Epidemiology and Pathophysiology of various high altitude induced Cardiopulmonary Diseases” Ref: letter No. Do/101/DIPAS/2019, dated 13th August, 2019
3. Prof. ABHA CHANDRA has been given the Recognition for her peer reviews – past and present by the PUBLONS, for Asian Cardiovascular and Thoracic Annals has given official recognition for the peer reviews she has performed in Publon journals in the past year. They have found it to be of valuable contribution to research.
4. Prof.. ABHA CHANDRA has been added to the web of science by the Publon with an ID: new Web of Science Researcher ID is AAE-3959-2020.

#### *Awards in 2021*





1. Prof. ABHA CHANDRA has been nominated for the Award of Excellence for the Best Medical Educational Development & Research Services on the occasion of National Conference on Wednesday 8<sup>th</sup> September, 2021, New Delhi

### *Awards for the Department:*

#### **Awards (M.Ch CVTS)**

- a) Dr. Ravi Kiran Reg. No 9720011 was awarded the “Dr. G subramanyam and Dr. G Sunitha Subramanyam Gold medal for the year 2012 in Cardiovascular and Thoracic Surgery. (Surgical section). for scoring highest mark in M.Ch (CVTS).
- b) Dr. Hari Krishna Murthy, Senior Resident was awarded the Professor G. Subramanyam & Sunitha Subramanyam Gold Medal for super speciality surgical section for scoring highest mark in M.Ch (CVTS).
- c) Dr. D Kalyanirama, Senior Resident had oral presentation titled: “Management of Paediatric Empyema Thoracis: Experience at a Tertiary Care Centre in South India” in the award session of the NAPCON 2016, National Conference of Pulmonary diseases and 18<sup>th</sup> Joint Annual Conference of National College of Chest Physicians India and Indian Chest Society held between 24<sup>th</sup> to 27<sup>th</sup> November 2016 at Mumbai and was awarded the National Pulmonary Award- 2016 in the second position.

#### **Allied Health Sciences:**

1. Ms. Shahida, B.SC CPPT student: was awarded the Best out going student.

### *EXTRA-CURRICULAR : Awards and Achievements at School, and Medical College*

#### **School**

1. Awarded Pre-Senior U.N. Information Test - by 14th annual U.N. Information test conducted all over India by the Council of U.N. Information, a wing of USO, on 28th August, 1971.
2. Awarded Pre-senior General Knowledge Test Certificate - by 21 st annual general knowledge test conducted all over India by Board of General Knowledge Test, a wing of USO, on 27th Nov, 1971.

3. Awarded Senior U.N. Information Test Certificate - by the 15 th annual U.N.Information Test conducted all over India by the council for U.N. Information, a wing of USO, on 26th August, 1972.
4. Awarded "One Star" Merit Certificate - in the National Physical Efficiency Tests (Juniors) conducted in the year 1971 for U.P. State conducted by Ministry of Education & social Welfare under Government of India.

### **SCOUTING :**

- Participated in the 7th State rally and camp organised on the behalf of 25th anniversary of India's Independence at Allahabad by the Bharat Scout and Guides from the 3rd Jan - 7th Jan 1973.
- Was choosen to represent India from U.P. State at the International Scouts and Guide Meet at Tokyo, Japan in 1973.
- Was awarded the **"Best guide award" at the annual function of Mount Carmel Convent high school, Lucknow on 19th Feb., 1974.**
- Awarded the ***"President's guide award" by his highness Mr V.V.Giri, President of India while representing the U.P. State as a Company Leader at the National Jamboori organised by the Bharat Scouts and Guides, India at Bangalore on 1st Jan. 1974.***
- Was **Company Leader, of the U.P. State troop at tenth National Rally organised by Bharat Scouts and Guides, at "SANGAM" from 1st June, till 25th June, 1975 at Pune, Maharastra.**

### **Medical College**

1. **Winner in Throw Ball of the Indoor Games Tournament** Organised at Sarojini Naidu Hall, Aligarh Muslim University, Aligarh in the session 1978 - 79.
2. Was Team Leader in the Cultural Events in Medifest 1982 at the All India Inter Medical Sports cum Cultural Festival held at the Institute of Medical Sciences, Banaras Hindu University, Varanasi from 19th Feb - 23 rd Feb, 1982.

3. A member of Food Committee of Sarojini Naidu Hall, Aligarh Muslim University, Aligarh for the year 1981-82.
4. Participated in the Jawahar Lal Nehru Medical College Team at the "SPORTOTSAV 84 - First All India Inter Medical College sports festivals from 25th Jan - 31 st Jan, 1984 at Jawahar Lal Nehru Medical college, Aligarh Muslim University, Aligarh.
5. **Winner of Carroms singles event** at "SPORTOTSAV 89 - Fifth All India Inter Medical College Sports Festival and Fourth All India Inter Medical College prize Money Cricket Tournament organised at Jawahar Lal Nehru Medical College, Aligarh Muslim University, Aligarh from 25 th Jan. - 31 st Jan., 1989.

## Miscellaneous

### Present Activities

1. Inspector for Medical Council of India, which is now NMC, India
2. Advisor to Union Public service commission
3. Appointed a *member of the Specialists Board in specialty of Cardio Thoracic Surgery on December 5, 2018. Presently on the board.*
4. *As an examiner for the M.Ch (CVTS) at various Universities in India and Examiner also for the DNB (CVTS) at the National Board of Examinations, New Delhi.*

### Past:

1. National Advisory Board Member for the 15th Biennial Congress of the Association of Thoracic and Cardiovascular Surgeons of Asia, Mumbai Dec 6-9, 2001.
2. Executive Member of the Association of Surgeons of India: (ATCVSI) Association of the cardiovascular surgeons of India.
3. Elected as the executive member of the Indian Association of Cardiovascular and Thoracic Surgery.
4. Elected as the Vice President of the ATCVS section of the Association of Surgeons of India.

5. Invited by Prof. Jose Luis Pomar, President and Prof. Pieter Kappetein, Secretary General of the European Association of Cardiothoracic Surgery to participate in the meeting on 30.10.2012 between 9.00 AM and 10.15 AM during the 26th EACTS Annual meeting, at the International Convention Centre, Barcelona, Spain.
6. To share views on both the Annual Meeting and their year round learning opportunities.
7. To contribute towards improvement of their current educational offerings at the Annual meeting and at the EACTS Academy. They requested participation also in the field of interest and the future of Cardiac surgery.
8. National Faculty for Vascular Society of India
9. National Faculty for National heart valve Summit.
10. Elected as Executive member for Vascular Society of India 2013
11. National Faculty VSICON 2013
12. Faculty at 59th Annual Conference of International College of Surgeons, Indian Section being held at Lucknow from 8th November to 10th November 2013 at scientific convention centre, King George's Medical University, U.P., Lucknow.
13. Faculty at Symposium on Future perspectives in CTVS International Conference on Cardiovascular diseases, organised by the Sri Sathya Sai Institute of Higher Medical Sciences( SSSIHMS), Prasanthigram, Puttaparthi, Andhra Pradesh between 14 -15, December 2013
14. Executive Member of Indian Association of Cardiovascular and Thoracic Surgery
15. Executive Member of Vascular Society of India.
16. National Faculty for the Indian Association of Cardiovascular and Thoracic surgeons
17. National Faculty for Vascular Society of India
18. Faculty for CHETCARDIOCON 2015
19. M. Ch (CVTS) Examiner at various Indian Universities.
20. Inspector for Medical Council of India
21. Expert for Union Public service commission

## **Various Positions in SVIMS and BIRRD**

### ***SVIMS, TIRUPATI***

1. Joint Secretary of the Faculty Council 1996
2. Vice President of the Faculty Council 1997 - 2001
3. Chief Warden for the Hostels from 2003 – 2009
4. President of the Faculty Council 2003 - 2009
5. Member of the Purchase Committee, SVIMS 2008 – 2009.
6. Chairperson for the Clinicopathological Meetings at Sri Venkateswara Institute of Medical Sciences, Tirupati. 2013
7. Member of the thesis review committee 2015 till date

### ***BIRRD***

- Member of the ethical committee for the BIRRD (T) Hospital for the research projects for the DNB students.
- Member of the Purchase Committee.

## **ADDITIONAL INFORMATION**

- Designed a multipurpose self retaining retractor.

## **EXTRA CURRICULAR ACTIVITIES**

- Attended the Women's Leadership forum organized at the Taj Mahal hotel, Mumbai by the Pfizer, New York on 2nd May 2010.
- Participated in the cyclotron organized by the Apollo dental white in Tirupati on 27.03.2016
- Health for all, Participated in the Cyclotron 21 Kms in Tirupati and was also the Guest of Honour for the occasion. March 2016

## ఆరోగ్యంపై అవగాహన కలిగి ఉండాలి



నగర వీధుల్లో సైకిల్ థాన్ నిర్వహిస్తున్న దృశ్యం, బహుమతులు అందజేస్తున్న ఎమ్మెల్సీ గారి ముద్దుకృష్ణమనాయుడు

తిరువానూరు :

**ఎమ్మెల్సీ గారి ముద్దుకృష్ణమనాయుడు**

యాంత్రిక జీవనంలో ఆరోగ్యంపై ప్రత్యేక శ్రద్ధ, అవగాహన కలిగి ఉండాలని ఎమ్మెల్సీ గారి ముద్దుకృష్ణమనాయుడు తెలిపారు. ఆదివారం తిరుపతి ఎమ్మార్వల్లో సైకిల్ థాన్ ను ఆయన ప్రారంభించారు. ప్రజల్లో ఆరోగ్యంపై అవగాహన కల్పించేందుకు అపోలో వైట్ డెంటల్

నిర్వాహకులు సైకిల్ థాన్ 20కి నిర్వహించడం ఆభినందనీయమని పేర్కొన్నారు. అనంతరం ఎమ్మార్వల్లో నుంచి మెడికల్ కళాశాల, అన్నారావు సర్కిల్, తిరుమల బైపాస్ రోడ్డు, లక్ష్మీపురం సర్కిల్, అన్నమయ్య సర్కిల్, ఏఐఆర్ బైపాస్ రోడ్డు మీదుగా ఎమ్మార్వల్ సర్కిల్ వరకు సైకిల్ థాన్ 20కి నిర్వ

హించారు. ఇందులో దాదాపు 80మంది పాల్గొన్నారు. వీరిలో ప్రధమ 15మందికి సర్టిఫికేట్లు, బహుమతులను అందజేశారు. కార్యక్రమంలో సైకిం జయచంద్రారెడ్డి, డాక్టర్ ఆబా చంద్ర, బెల్లంకొండ సురేష్, అపోలో హెల్త్ డాక్టర్ సునీత, తరుణ్, సిబ్బంది పాల్గొన్నారు.

## REFERENCES:

**Dr. Devendra S Saksena, FACS**

Chief and HOD

Department of Cardiovascular and Thoracic Surgery

Bombay Hospital and Medical Research center

Marine lines, Mumbai 400 002

Tel: 91 22 2080750

Fax: 91 22 2081313

**Professor. S Muralidharan, MS, M.Ch(CVTS)**

Chief consultant

Department of Cardiovascular and thoracic surgery

G Kuppuswamy Naidu Memorial Hospital

Coimbatore, Tamil Nadu.

Mobile: 984305746

## **ADDENDUM**

Institutes and hospitals where I have worked in Cardiac Surgery

### **Sanjay Gandhi Post-Graduate Institute Of Medical Sciences, Lucknow.**

The Sanjay Gandhi Post-graduate institute of Medical Sciences, Lucknow, is a premier autonomous Institute of national importance. It is a tertiary-level super-speciality referral center for the state of Uttar Pradesh (UP). Super-speciality training is imparted to Senior residents, selected on the basis of an All - India competitive entrance examination, leading to the award of either DM or MCh degrees. Post-graduate courses are also offered for speciality subjects like Transfusion medicine, Immunology, Radiotherapy and so on.

The Department of Cardio-vascular and Thoracic Surgery (CVTS), comprising five surgeons, has an independent ward of 30 beds, a dedicated well equipped postoperative Intensive Care Unit and Intermediate Care facility. It runs an active Cardiac surgical programme covering both acquired and congenital areas. Valvular, coronary and pediatric work constitute a third each of about 350 Open Heart surgeries performed per year. An additional 450 closed cardiac surgical operations are performed. Cardiology backup is excellent. Colour-Doppler, Echocardiography, CT scan and MRI facilities, PET CT are available round-the-clock. An ongoing Interventional Cardiology programme covers MVBD, AVBD, PTCA, Atherectomies and EPS with ablations. Radiology Pathology and Biochemistry backup is available round-the-clock.

Each year two general surgical post-graduates are selected on merit for a three year training in CVTS leading to eligibility for super-speciality certification (MCh). Training includes emphasis on clinical research, a tight academic schedule, courses in Molecular biology, biostatistics, Computers and additional outstation postings at other major centres in India.

Senior Residents in CVTS perform independent post operative Intensive care duties and additionally manage emergencies and ward. They are expected to assist in all operative cases and perform routine cannulation and decannulation for Open heart procedures. Some simpler procedures are performed by residents under supervision.



## **Bombay Hospital & Medical Research Centre, Mumbai.**

There are together 869 beds in Bombay Hospital and Medical Research Centre of the Bombay Hospital Trust.

There are thirteen Operation Theatres. Facilities exist for treating patients in various Departments. Viz. General Surgery, Thoracic Surgery, Obst. & Gynaecology, Cardiovascular Surgery, Neurosurgery, Orthopaedic Plastic Surgery, General Medicine, Cardiology, Neurology, Psychiatry, Artificial Kidney (Dialysis) Intensive Coronary Care Unit, Intensive Care Unit, (Adults) Endocrinology, Skin, E.N.T., Ophthalmology, Dental, Oncology, Urology, Nuclear Medicine and Ultrasonic Department and Nerve Muscle Research Wing, C.T.Scan, Therapeutic Drug Monitoring Dept. Urodynamic Laboratory and Neonatology including Intensive Care Unit (Newly Born).

The Bombay hospital has a well equipped Central Laboratory, Blood Bank, and X-ray Department (Diagnostic & Therapeutic including Cobalt Therapy). Physiotherapy & Occupation Therapy Department a Casualty Department and an Out-patient Department, Retina Clinic, and Dental Speciality Section, and Endoscopic Department.

The Department of Cardiovascular & thoracic Surgery comprised of 3 units, with 3 operation theatres functioning from Monday to Saturday. There is a well equipped post operative Intensive Care Unit and Intermediate Care facility comprising of total 25 beds(17 bedded ICU). The department is running an active cardiac surgical programme including both acquired and congenital areas. More than 1500 Open heart surgeries are done per year comprising of Valvular, Coronary and Paediatric work. An additional of 450-500 Closed cardiac surgical operations and Vascular surgery were performed. Cardiology back-up was excellent, and round the clock facilities were available for Echocardiography, CT Scan and MRI. Emergency cardiovascular and thoracic cases were also managed by the department.

Every year, 3 surgical post graduates were selected on the basis of competitive entrance exam conducted by the Maharashtra University. These residents underwent 3 years training which included clinical research and a tight academic schedule along with a pre, per and post operative management of patients, and ultimately led to eligibility for Superspeciality Certification (M.Ch.).

Senior clinical assistant in CVTS performed independent post operative ICU duties and additionally managed the ward. They are expected to perform Open heart surgeries like ASD, Mitral valve replacement, Aortic valve replacement, Open mitral valvotomies along with Closed heart and vascular procedures.

### **Sri Venkateswara Institute of Medical Sciences, Tirupati**

The department was started way back in November 1993, when this super-specialty hospital came into existence, under the banner of Tirumala Tirupati Devasthanams. I became the part of the Department in April 1995. Our mission has been to provide the most advanced technology to the poor and needy, extending as a life line to every patient through innovative ways of management including the surgical procedures with positive results. This is flanked by a continued dedicated follow-up in a patients friendly approach.

The last few decades have seen medical science, including cardiac science advance like never before in the history of mankind. On the other hand, modern life has brought about an increase in the life style diseases. At present, patients would be presenting with multi-system involvement and co-morbid conditions like chronic obstructive airway diseases, Diabetes mellitus, hypertension, and many more which may make this group of patients unfit to undertake major surgeries. Here we use the concept of minimally invasive procedures or hybrid procedures to decrease the mortality, this involves a combination of medical /surgical skills and technology.

The staff in the Department of Cardiovascular and Thoracic Surgery have a patient centric approach to clinical practice and aim to bring advance form of medical health care to our patients, through high quality facilities ensuring the best outcome to patient care. We value all our staff and team work is what determines our future. There is an open communication between the patients and relatives and this results in effective and timely action which benefits our patient.

The Department of Cardiovascular and Thoracic Surgery (CVTS) has an independent bed strength of 60 beds which are dedicated to preoperative ward, a well equipped postoperative intensive care unit and intermediate care facility. It runs an active cardiovascular and thoracic vascular surgical program which entertains both routine and emergency procedures. Cardiac work comprises of both congenital and acquired areas including valvular, coronary and congenital work except transplantations. Approximately 500 OHS procedures are performed each year, in addition to these a good number of closed cardiac surgical procedures, thoracic and vascular cases (including aortic aneurysm) are being done. There is a good cardiological back-up with facilities available round the clock for invasive hemodynamic monitoring, echocardiography.

Cardiology department is well equipped with an echocardiography machine having biplane transoesophageal probe, along with facilities for color flow mapping, several computerized ECG machines, a computerized tread mill machine and two siemens cath lab, CT Spiral, 28 slice CT and MRI are other facilities available in the department of Radiology of this Institute. Department of Nuclear medicine is armed with sophisticated Gamma Camera with spect system and radioisotope dose calibrator. Recently, the PET CT also has been added to the armaturium of advanced investigations. Besides the Institute is backed up with the Biotechnology and Bioinformatics department which are involved with the basic research on stem cells. This institute has several research projects which are being conducted in collaboration with Indian Council of Medical Research and the University Grants Commission

The Department runs:

- a three years M.Ch. course in Cardiovascular and thoracic surgery which is recognized by the Medical Council of India,
- a four years B.Sc in cardiopulmonary perfusion technology
- a one years course in post basic specialized CVT nursing.
- Besides the department Faculty are also involved with the teaching and training of the students of the seventh semester of the Bachelors of Physiotherapy and Bachelors of Nursing course.
- Training of the Masters of Physiotherapy and Nursing
- Guiding the Ph.D for the Physiotherapy and the Nursing students.

The Department of Cardiovascular and Thoracic Surgery provides surgical solution to a wide spectrum of heart, vascular and lung ailments. The cardiac procedure involves the following:

- Palliative and intra-cardiac surgeries for congenital heart diseases.
- Valve reconstruction as well as replacement for valvular heart diseases.
- Coronary artery bypass grafting /revascularization surgery through the beating heart technique as well as on cardiopulmonary bypass.
- Repair of aortic aneurysms arising from the ascending aorta till bifurcation of the aorta.
- Repair of all forms of peripheral arterial aneurysms including the A-V fistula aneurysms in the chronic renal failure patients.

- Surgery for aorto- iliac diseases, femoro-popliteal diseases and the other peripheral arterial occlusive diseases.
- Surgery for varicose veins
- With the increasing incidence of the pleural and the pulmonary diseases, there has been an increase in their interventions. Thoracic surgery involves the surgery which are done through the open technique as well as with the use of the video assisted thoracoscope where ever indicated.
- Chest wall tumors with chest wall reconstructions
- Decortication for Empyema thoracis irrespective of the etiology
- Lobectomy / pneumonectomy for all forms of lung diseases whether infective or malignant.
- Extended thymectomy for Myasthenia Gravis
- Surgery for mediastinal tumors both benign and malignant.
- Tracheal reconstruction

Ever since the inception of the Department of Cardiovascular and Thoracic department the major achievements have been the versatility of the operative procedures being done here. Most of the cases which visit our outpatient department are very sick and have either had a surgery done earlier or the ones which have been denied surgery at the peer institutions.

### **DR.ABHA CHANDRA**

SENIOR PROFESSOR & HOD

DEPARTMENT OF CARDIO VASCULAR & THORACIC SURGERY

SRI VENKATESWARA INSTITUTE OF MEDICAL SCIENCES ,

TIRUPATI

Mobile 9849050833

Email: abhachandra@gmail.com