

Curriculum Vitae of Dr Sandeep Sahu



DR SANDEEP SAHU

MBBS,MD, PDCC,CCPPM, CCEPC, MNAMS,FACEE, FICCM

Associate Professor, Department of Anesthesiology

Consultant: Transplant Anaesthesia, Emergency Medicine and Trauma

Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow-226014, UP, India

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- Fellowship / postdoctoral course (PDCC) in Neuro-anaesthesiology
- Fellowship in Emergency Medicine (FACEE) of ACEE-India
- Fellowship in Critical Care Medicine (FICCM) of ICCM, ISCCM
- Clinical Observer in Emergency Medicine at SUNY, USA and at JPN Apex Trauma Center, AIIMS, New Delhi
- Fellow Trauma System& Mass Casualty, Rambam Medical Center, Israel
- Fellowship in Pain and Palliative Care Medicine(CCPPM),TIPS, Trivandrum, India & CCEPC, from IAPC, Calicut, India
- Clinical Observer in Liver Transplant Anaesthesia at Department of Anaesthesiology and Perioperative medicine, London Hospital Science Centre, University of Western Ontario, London, Ontario, Canada. Institute of Liver and Biliary Sciences, and Medanta Medicity, New Delhi, India

Personal Details:

DOB: 27/06/1976, Age: 39 yrs

Fathers name: Shri Suraj Prakash Sahu

Mothers name: Smt Sakuntala Sahu

Nationality : Indian

Designation: Associate Professor

State to belong: Uttar Pradesh, India

Marital status: Married to Dr Indu Lata, Associate Professor

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Academic Qualification Details:

Qualification	year	Institute	Board/ university	% Attempt	Division
1. PDCC (Neuroanesthesiology)	June 2006	SGPGIMS, Lucknow, UP	SGPGIMS, Lucknow, UP	First attempt	
2. MD (Anaesthesiology)	May 2005	MLB Medical College, Jhansi, UP	Bundelkhand university	First attempt	
3. MBBS	Dec 2000	King Georges medical college, Lucknow	Lucknow university	First attempt	First div
a. First Prof	Dec 97			637/1000	Honors in Biochemistry
b. Second prof	Sep 99			635/1000	& pharmacology
c. Final prof	Dec 2000			897/1500	
4. Rotatary Internship	1.1.2000 to 31.12.2001	G.M. & Associated Hospital KGMC,Lucknow	King Georges medical college, Lucknow	completed	
5. Intermediate(10+2)	1994	M.B.Inter College, Bareilly, UP	UP Board	68.2	First div
6. High School(10TH)	1992	RHS School Bareilly, UP	UP Board	67.7	First div

Sr no	From	to	Name of Organization and Nature of Training
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1.PDCC (Neuroanesthesiology)	5/5/2005	6/5/2006	Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow
2.FACEE (Fellowship of Academic college of Emergency Experts in India)	1/12/2011	31/12/2012	ACEE, Academic college of Emergency experts, INDUSEM, Indo-US Program for development Emergency Medicine in India
3.CCPPM (Certificate course in pain and palliative medicine)	7.5.2012	14.6.2012	Mentor Prof M.R. Rajagopala, Trivandrum Institute of Medical Sciences, WHO recognized center in India
4.FICCM (Fellowship in Critical Care Medicine)	2014	Feb 2014	Fellowship in Critical Care Medicine of Indian College of Critical care Medicine ,ISCCM

Post-graduate Training Experience:

5. CCEPM (certificate course essential of palliative medicine) of IAPC	2013	2014	Indian association of Palliative care, Calicut, India
6. Trauma System and Mass Casualty management course	23.03.2014	04.04.2014	MASHAV, Israel at Rambam Hospital, Haifa, Israel
6. Clinical Observership in Liver Transplant Anaesthesia and Critical Care	15.6.2014	15.7.2014	Institute of Liver and Biliary Sciences, New Delhi, India
7. Clinical Observership in Liver Transplant Anaesthesia and Critical Care	4.5.2015	9.5.2015	Department of Anaesthesiology and Perioperative medicine, London Hospital Science Centre, Schulich School of Medicine and Dentistry, University of Western Ontario, London, Ontario, Canada
8. Clinical Observership in Liver Transplant Anaesthesia and Critical Care	28.5.2015	31.5.2015	Medanata Medicity, Gurgaon, Haryana
8. MNAMS(Anaesthesiology)	2014-15		National Academy of Medical

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& Critical Care Medicine)			Sciences, India
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Postgraduate Teaching Experience:

Post held	Institute	from	to	remark
1. Associate Professor 3.0 years	SGPGIMS, Lucknow, UP	01.07.2012 (F.N.)	2015 (till now continuing)	Promoted throw interview on regular permanent seat
2. Assistant Professor 3.3 years	SGPGIMS, Lucknow, UP	13.3.2009 (F.N.)	31.6.2012	Selected throw interview on regular permanent seat
3. Lecturer cum assistant professor 2.6 years	GSVM Medical college, Kanpur, UP	14.9.2006 (F.N.)	12.3.2009 (A.N)	Selected throw UPPSC on regular permanent seat
4. Senior resident (PDCC) , 1.2 years	SGPGIMS, Lucknow, UP	1.07.2005	30.06.2006	Selected throw Entrance exam
5. Senior resident (Hospital Services)	SGPGIMS, Lucknow, UP	1.7.2006	31.8.2006	Selected throw Entrance exam
6. Junior resident (during MD)	MLB Medical College, Jhansi, UP	4.05.2002	3.05.2005	Selected throw UPPGME

- *Teaching experience after post graduate degree: Ten years*

Registration No:

MBBS (UPMCI: 045327),

MD (UPMCI: 242),

MCI IMR:14/626 dated 9/1/2014

Postgraduate Teacher for Anaesthesiology:

1. Examiner for DA at JNMC, Aligarh Muslim University 2015
2. Examiner for DA at BRD Medical College, Gorakhpur, Gorakhpur University 2015

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Honours / Grants/ Prizes/ Awards if any:

Sr no	Awards	Title of award	Awarding body
1	Travel Grant	Awarded International Association of Hospice and Palliative Care (IAHPC), USA travel grant 2013	IAHPC,USA to attend Asia Pacific Hospice and Palliative Care 2013 Conference at Bangkok, Thailand from 10-13 Oct 2013
2	Travel Grant	Awarded UGC travel grant 2013	Awarded UGC travel grant to Fertility Society of Australia Conference 2013, 1-4 Sept 2013 at Sydney, Australia
3	Travel Grant	World federation Society of Anaesthesiologist (WFSA) - Baxter Scholarship for developing countries	WFSA -Baxter Scholarship for developing countries to attend 10 th SAARC-Association of Anaesthesiologist, at Dhaka, Bangladesh 21-24 Feb 2013
4	Academic Excellence in EM and Trauma	Academic Councilor, INDO-US Academic Council Emergency Medicine & Trauma 2006-2014	INDUSEM
5	Travel Grant	Awarded DST International Travel Grant- 2011 to attend EMSAA- 2011 conference, 15-17 Nov 2011, Cape Town, South Africa	DST
6.	awarded Adopt a delegate scheme- 2011”	of Emergency Medicine Society of South Africa (EMSSA)	
7.	Awarded	Selected for NeusPIG ,Neuropathic Pain school, by	International association of study of pain(IASP)
8.	Travel Grant	International Association of Hospice and Palliative Care Travelling fellowship for attending CCPPM program	IAHPC,USA

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9.	Travel Grant	International Association for study of Pain to attend and present paper at the 15 th world congress of Pain at Buenos Aeries, Argentina 6-11 Oct 2014	IASP,USA
10.	Awarded Scholarship	to attend the 11 th International course on Organization of Trauma System and Mass Casualty Management course from 23 March – 3 April 2014	of MASHAV, Embassy of Israel at Rambam Medical Center, Israel
11.	Travel Grant	WCDEM 2015 Conference (19 th world congress on Disaster and Emergency Medicine) from 21 to 24 April 2015 at Cape Town, South Africa .	Indian Council of Medical Research, New Delhi

Awards:

1. **KPR Young Anaesthesiologist Award 2014 of Indian Society of Anaesthesiologists** provided by ISA Kerala branch at all India Level.
2. as Hony Secretary of ISA Lucknow Chapter **Best City Branch Award of Indian Society of Anaesthesiologists (National) 2013**
3. **Betul Bursary Award** during MBBS for highest marks in 1st Professional exam in Rohaikhand region in 1998
4. **Commonwealth CCS Medical Fellowship 2015-16**(Provisional selected)
5. **ICMR International Fellowship for Biomedical young scientist 2015-15**

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Areas of Interest:

Neuro- anaesthesiology & Neurointensive Care:

I had done **PDCC (Neuro-Anaesthesiology) from SGPGIMS**, Lucknow and having working experience in Neuro-anesthesiology, Neurointensive care and its associated services. I was **Executive Member, Indian Society of Neuro-anaesthesiology and Critical Care (ISNACC)** 2010- 2013. I am regularly attending annual conferences as faculty and presenting lecture & papers.

Transplant Anaesthesia and Critical Care:

*For last five years I am working in renal transplant program of SGPGIMS. SGPGIMS had done more than 2000 renal transplant till now. I had been trained for **Liver Transplant Anaesthesia and Critical care at Institute of Liver and Biliary Sciences, New Delhi** from 15 June 2014 to 31 July 2014. Clinical Observership in Transplant Anaesthesia under Dr Achal Dhir from London,Ontario,Canada from 4 May to 9 May 2015. Clinical Observership in Liver Transplant Anaesthesia under Dr Yatin Mehta and Dr Vijay Vohra at Medanta Medicity,Gurgaon,Haryana from 28 May -31 May 2015.*

Emergency Medicine, Resuscitation & Trauma management:

Emergency Medicine is recognized as specialty in India since 2009 by MCI.MCI recognizes Anesthesiology specialty faculty as EM faculty in India. I had recently **completed one year fellowship course FACEE, Fellowship of Academic college of Emergency Experts in India** .For last seven years I am working with core group as **Academic Councilor Emergency & Trauma (ACET) of INDOUS-EM** for development of EM in India. I am also member of core group for start a Emergency Medicine department at SGPGIMS.I am regularly attending EM conferences as invited faculty, delivering lectures, presenting papers. I also had publications in field of Emergencies'. I have done **Observership in**

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Emergency Medicine from 19-21 Dec 2012 at **SUNY Downstate Medical Center, Brooklyn, New York, USA** (undergo rotation at SUNY, Long Island medical center, King County Hospital Center and Columbia Presbyterian Hospital). I have done **Instructor course of ACLS, AHA,USA**. I am also interested in Trauma Management and Trauma Anaesthesia. I had done **CTLS (Comprehensive Trauma Life Support Course)** from ITACCS. I am faculty at **ETAC (Emergency Trauma Airway Course)**. I am part of various **Resuscitation courses as faculty** organized for doctors, students, paramedics and volunteers.

I had done **Organization of Trauma System and Mass Casualty Management** course from 23 March – 3 April 2014 at Rambam Medical Center, Israel. Where I learned the Emergency, Trauma Unit, Trauma Center and Trauma System and Mass Casualty clinical and Organizational concepts and management.

Pain & Palliative Medicine:

- I had **completed CCPPM (Certificate Course in Pain & Palliative Medicine)** from TIPS, Trivandrum, India and **CCEPC, Certificate Course Essentials of Palliative Care Medicine, IAPC, Calicut, India**. I had been part of various workshops organized in Pain and Palliative Medicine by the department as faculty.

Editorial Board Member of Journals:

- **Journal of emergencies trauma and shock(JETS)**
- "Editorial Board Member" of '**Indian Journal of Anesthesia and Analgesia (IJAA)**'
- **Editorial board member, Anaesthesia Update, UP ISA publication**
- **Journal of Anaesthesiology and Clinical Pharmacology**
- **The Indian Anaesthetists' Forum: www.theiaforum.org** / This is **India's** first freely available on-line journal of **Anaesthesiology & Critical Care and Pain**.
- **Reviewer, Indian Journal of Anaesthesiology**

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- Reviewer, Journal of Obstetrics and Gynaecology

Research achievements: My current areas of research are Anesthesiology, Critical Care, Pain and Palliative Medicine, Emergency Medicine & Trauma.

Research Project Completed & On-going Projects:

Presently: involved, in two Intramural funded (SGPGIMS) projects as:

- **Co-PI** “double drug impregnated autologous blood coagulum patch for layout dural closure in spine surgery to prevent CSF leak and postoperative pain”. **Intramural funded (SGPGIMS) projects 2011-2014,completed**
- **PI in** : To evaluate the efficacy of USG guided Transversus abdominis plane (TAP) block analgesia & port site infiltration with ropivacaine and levobupivacaine for postoperative pain management in laparoscopic donor nephrectomy , **Intramural funded (SGPGIMS) projects** started in 2013
- **PI in** : to compare the fiberoptic bronchoscope with Glidescope videolarangoscope for awake intubations in difficult airway(huge thyroid swelling), **Independent project** started in 2013
- **PI in** Effect of intraoperative moderate fluid therapy on the renal allograft outcome in patients undergoing living donor renal transplant surgery ,a comparative study, **Independent project** started in 2012-13,**completed**
- **PI in** Effect of continuous infusion of dexmedetomidine and esmolol on hemodynamics attenuation and postoperative analgesic requirement in patients undergoing laproscopic urological surgeries, **Independent project** started in 2012-13,**completed**

Postgraduate Thesis projects supervised as co-guide:08

I had remained as co-guide for **nine research projects:**

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- Antiemetic prophylaxis against postoperative nausea and vomiting with palonosetron-dexamethasone combination compared with palonosetron or dexamethasone alone for patient undergoing laparoscopic cholecystectomy
- Evaluation of dexemetomidine in prevention of catheter related bladder dysfunction a prospective, randomized, double blind, placebo controlled study completed in 2012
- Central venous catheter induced infections complications in ICU, various causes and its outcome.
- Preoxygenation in obese patients effects of position on tolerance of apnoea.
- Anaesthetic management of patients undergoing craniotomy for supratentorial tumours, a comparative study of Intravenous etomidate verses inhalational isoflurane techniques.
- Evaluation of Pregabalin for Attenuation of Postoperative Pain in below Umbilical Surgeries under Spinal Anaesthesia.
- Admission and outcome pattern of Obstetric critical care unit, an institutional experience
- Biomarkers of sepsis in ICU
- Prolongation of action of lidocaine by addition of dextran 40 in brachial block.

Presentations: Lectures **Eighty Three**

Paper Presentation: 23

Publications: **forty Six** papers in national and International Journals.

Book Chapters: 05

- **Pediatric Thoracic Anaesthesia** ,in Textbook of Pediatric Anaesthesia By Dr Namita Padvi et al published by CBS Publishers & Distributors Pvt. Ltd. First Edition 2015,Page ISBN No.359-372978-81-239-2589-9
- **Perioperative Management of Paediatric Trauma patient**, in Textbook of Pediatric Anaesthesia Dr Namita Padvi et al published by CBS

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Publishers & Distributors Pvt. Ltd. First Edition 2015,Page 450-459 ISBN Number:978-81-239-2589-9

- **Spine Immobilization in Trauma Patient** , in Textbook Manual of ICU Procedures by Dr Mohan Gurjar et al by JP Publication. ISBN Number is: 978-93-5152-422-9
- **Trauma in Pregnancy,2015,Textbook of Obstetric Anaesthesia by Dr Amit Padvi** et al In Press
- **Obstetric patient for non-obstetric surgery .2015.** Textbook of Obstetric Anaesthesia by Dr Amit Padvi et al In Press

Indexed- Journal Publications: Thirty Three (33)

1. Srivastava D, Sahu S, Chandra A, Tiwari T,Kumar S, Singh PK. Effect of Intraoperative transoesophageal Doppler guided fluid therapy verses central venous pressure guided fluid therapy on renal allograft outcome in patients undergoing living donor renal transplantation surgery, a comparative study. J Anaesth. 2015 Jul 28(E pub ahead of print). PMID:26216743. 10.1007/s00540-015-2046-4
2. Rastogi A, Sahu S, Haldar R, Singh PK. Knotted epidural catheter during subcutaneous tunneling: An option. Anesth Essays Res 2015;0:0.
3. Kishore Kamal, Singh Anshuman, Sahu Sandeep, Patel GP.Methaemoglobineamia-Faulty probe or faulty haemoglobin. Indian J Anaesth 2014;58:486-8
4. Divya Srivastava, Tanmay Tiwari, Sandeep Sahu, Abhilash Chandra, Sanjay Dhiraaj. Anaesthetic Management of Renal Transplant Surgery in Patients of

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Dilated Cardiomyopathy with Ejection Fraction Less Than 40%.
Anesthesiology Research and Practice 2014, 1- 5 .Hindawi Publishing
Corporation. Article ID 525969,

5. Goyal V, Sahu S. Coiled CVP catheter tip in Subclavian vein, a case report. Indian Journal of Critical Care Medicine 2014 Feb;18(2):105-6
6. Sinha N, Puri R, Shukla D, Kumar D, Sahu S, Agarwal A. Perioperative management of pulmonary oedema due to oxytocin in a case of caesarean section. IJRRMS 2013;3(4):45-47.
7. Sahu S, Sahoo A, Patel GP, Pant KC. Incidental rupture of tracheal cuff of DLT,what to do?. International Journal of Critical Illness and Injury Science 2013;3(1):92-93
8. Sahu S, Lata I, Singh S, Kumar M. Revisiting hemophilia management in acute medicine. J Emerg Trauma Shock 2011; 4:292-8.
9. Indu Lata, Deepa Kapoor et al .Gossypiboma, a rare cause of acute abdomen,a case report and review of literature. International Journal of Critical Illness and Injury Science 2011(1),2;157-160
- 10.Vinit K. Srivastava, Sanjay Agrawal ,Sandeep Sahu.Association of acute onset hypertension and tachycardia following intracisternal papaverine administration during intracranial aneurysm surgery: a case report and review of the literature. Journal of Clinical Anesthesia 2011; 23(3) : 224-226
- 11.Tanmoy Ghatak,Ratender K Singh,Arvind K Baronia. Sandeep Sahu.Postoperative acute anisocoria and old traumatic brain injury. Indian Journal of Anaesthesia 2011;55(6):611-12

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12. Sahu S, Goyal V et al. A very common case becomes rare: Anesthetic considerations of lepromatous leprosy. *Anesthesia: Essays and Researches* 2011;5:207-10
13. Kamal Kishore, Sandeep Sahu, Pradeep Bharti, Subhash Dahiya, Ajay Kumar, Anurag Agarwal. Management of unusual case of self-inflicted penetrating craniocerebral injury by a nail. *J Emerg Trauma Shock* 2010;2:193-6
14. Sandeep Sahu, Shikha Sachan, Anil Verma, H.D. Pandey, Chitra. Evaluation of Pregabalin for Attenuation of Postoperative Pain in below Umbilical Surgeries under Spinal Anaesthesia. *J Anaesth Clin Pharmacol* 2010; 26(2): 167-171
15. Sandeep Sahu, Indu Lata, Devendra Gupta. Management of pregnant female with meningioma for craniotomy. *Journal of Neurosciences in Rural Practice*. 2010; 1 : 1:35- 37
16. Sandeep Sahu, Kamal Kishore, Indu Lata. Better outcome after pediatric resuscitation is still a dilemma. *J Emerg Trauma Shock* 2010;3:243-250
17. Sandeep Sahu, Sunaina Tejpal Karna, Anil Agarwal, SP Ambesh, Aneesh Srivastava. Ondansetron causing near fatal catastrophe in a renal transplant recipient. *Indian Journal of Anaesthesia* 2010;55(1):81-82
18. Kamal Kishore, Sandeep Sahu, Manish K Singh, Anil Agarwal, PK Singh. A novel way of managing shearing of epidural catheter during tunneling. *Indian Journal of Anaesthesia* 2010;54(6):586

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19. Sandeep Sahu, Indu Lata. Simulation in resuscitation teaching and training, an evidence based practice review. *Journal of Emergencies, Trauma and Shock* 2010;3:378-84
20. Sandeep Sahu, Apurva Agarwal, Indu Lata .Emergency intubation using a Light wand in patients with facial trauma. *Journal of Emergencies, Trauma and Shock* 2009;2:51-3
21. Sandeep Sahu, R.K.Maurya et al. Anaesthetic management of infant with Neumanns tumour (a case report). *Indian Journal of Anesthesiology*,2009,53(3),417-418
22. Indu Lata, Renu Gupta, Sandeep Sahu. *Emergency Management of decompensated Perpartum Cardiomyopathy (case report and review of literature)*. *Journal of Emergency Trauma Shock* 2009;2:124-8
23. Sandeep Sahu, V. Srivastava et al .respiratory depression during VP shunting in ACM type-II,a rare complication. (case report and review of literature).*Journal of pediatric Neurosciences*, 2009,vol 4;issue 1,44-46
24. Sandeep Sahu, R.K.Maurya et al. Anesthetic Management of Infant with Neumann's tumor. *Indian Journal of Anaesthesia* 2009; 53 (3):380-381
25. Sandeep Sahu, Shikha Sachan et al. Emergency central venous catheterization revisited. *Journal of Emergency Trauma Shock* 2009;4:218-219
26. Itri shri, Sandeep Sahu et al. Continuous vertical infraclavicular brachial plexus block for postoperative pain relief in Orthopaedics surgery. *Journal of Anesthesiology and Clinical Pharmacology* 2009,vol 25,4:423-426
27. Sandeep Sahu,Kamal Kishore,Anil Agarwal.Ozone gas promising new results for herniated lumbar disc pain. *Journal of Anesthesiology and Clinical Pharmacology* 2009,vol 25,4:512-513
28. Sandeep Sahu,R.K.Maurya et al.Multiple congenital epulis in newborn, a rare presentation. *Jornal of Oral and maxillofacial Pathology* 2009,vol 13;2,78-80

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29. Sandeep Sahu, Vineet srivastava et al. Noninvasive methods of ventilation monitoring, valid surrogates for ABG analysis. Indian Journal of Anesthesiology, April 2008, 228-229.
30. K. Gupta, R K Mehta, Sandeep Sahu et al. Pain Management in pelvic malignancies- Comparison of intermittent and bolus epidural aqueous phenol. Journal of Anesthesiology and Clinical Pharmacology, 2008,24(3),307-310
31. Anil Verma, Sangeeta Arya, Sandeep Sahu et al. To evaluate the role of Gabapentin as preemptive analgesic in patient undergoing total abdominal hysterectomy in epidural anaesthesia. Indian Journal of Anesthesiology,2008,52(4),428-431
32. Sandeep Sahu,Indu Lata et al. Functional imaging in anaesthesia and choice of anesthetic. Journal of Anesthesiology and Clinical Pharmacology, 2007, 23(4); 429-423.
33. Davendra Gupta, Anil Agarwal, Sandeep Sahu et al. A novel method of nasotracheal tube fixation in pediatric patients undergoing neurosurgical procedure in the prone position. Anesthesia Analgesia, Vol 104, no.2, Feb 2007; 462-463.

Non-Indexed Journal Publications: Thirteen (13)

1. Dr Sandeep Sahu, Dr Deepanshu Mallan, Dr Indu Lata. Admission and outcome pattern of Obstetric critical care unit, an institutional experience. Anaesthesia Update ,UPISA Journal 2012
2. Indu Lata, Sandeep Sahu et al. Fundal pressure progressing or complicating labour(case reports and review of literature).Asian journal of Obs and Gynae 2009,vol 2,7-9

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3. Sujit rai, Chitra, Sandeep Sahu et al. Role of butrophanol in prevention of post anaesthetic shivering after General Anaesthesia. Anaesthesia Update ,UPIISA journal 2008;11(2):16-21
4. Sandeep Sahu, Suha Salhan. Recent advances in Pain Relief during Labor, an overview. Anesthesia Update , Vol 10, No.2,Dec2007,39-46
5. Sandeep Sahu, Renu Jain et al. Current guidelines and recommendation of preoperative blood transfusion. International Journal of ClinicalReseach,Vol19,Jan-ec2007,1-6
6. Sandeep Sahu, Sushil Chanra et al. Role of Somatic and Neurolytic nerve blocks in acute heretic neuralgia. International Journal of ClinicalReseach,Vol19,Jan-ec 2007,22-23
7. Sonika Katiyar, R K Mehta, Saneep Sahu et al. Comparison of intrathecal, epidural, an intravenous single shot Sufentanil for postoperative analgesia in elective lower limb orthopedic surgery. International Journal of Clinical Research 2007;19,26-30
8. Rahul Misra, Sandeep Sahu et al. Combine Spinal, Epidural techniques is better choice to Spinal an Epidural in various lower abdominal surgeries, a comparative study .Anesthesia Update ,UPIISA journal 2008;11(1):17- 23
9. Sandeep Sahu, vineet srivastava et al. Ideal choice of sedation for mechanically ventilation in ICU, Propofol verses Miazolam , a comparative study .Anesthesia Update ,UPIISA Journal 2008;11(1):24- 31
10. Sandeep Sahu, Sushil Chandra et al .Management of Psoriatic Arthritis. The Journal of Bone an Joint diseases ,Vol 23,Jan 2008,23- 24
11. R.K Singh, Saneep Sahu, Avnish Kumar et al. An epidemiological an clinico-pathological profile of Oro- mucosal diseases amongst substance abuser, in Kanpur region, Indian Journal of Community Health,2008 ;19(2):29-33

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12. Sandeep Sahu, D.K. Martolia et al. Role of Anesthesiologist in reducing Maternal Mortality Rate in India. Indian Journal of Community Health, Vol.19, No.2, Vol20, NO.1, July2007-June 2008, 29-34-37
13. Sangeeta Arya, Indu Lata, Sandeep Sahu et al. To evaluate role of epidural (bupivacaine with sufentanyl) verses intravenous (modified daftary regime) analgesia for labor pain and its outcome. Anesthesia Update, UPISA Journal 2009;12(1):17- 25

PAPER\ POSTER Presented: 25

1. Paper presented by Sandeep Sahu, A.K. Gurwara et al .Hemodynamic changes in laparoscopic surgeries under spinal \ general anaesthesia, a comparative study. Ab published in CME book, ISACON 2004, Bhopal, 26-30 Dec 2004
2. Paper presented by Sandeep Sahu, A.K. Gurwara et al .Hemodynamic changes in laparoscopic surgeries under spinal \ general anaesthesia, a comparative study. Ab published in CME book, UPISACON 2004, Kanpur, UP
3. Paper presented by Sandeep Sahu, Ibemhal H. et al. Hemodynamic changes, intubating conditions with Rocuronium, Vecuronium and Scoline, a comparative study. Ab published in CME book, UPISACON 2005, Lucknow, UP
4. Poster by Sandeep Sahu, Vineet Srivastava et al .Delayed reversal \ respiratory depression in patient of ACM-II, does shunt diversion or prior definitive surgery improves outcome (a case report). Abstract No.16, page 105, ISNACC 2007, CME book at AIIMS, New Delhi, 9-11 Feb 2007
5. Poster by Sandeep Sahu, Vineet Srivastava et al. Anaesthetic management of craniovertebral junction anomaly ,our experiences (a retrospective study), Abstract No.11, page 222, ISNACC 2008, CME book at NIZAM, Hyderabad, 8-10 Feb 2008

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6. Poster by Sandeep Sahu,Indu Lata et al. Management of pregnant female with meningioma for craniotomy(a case report).Abstract No.24,page 231,ISNACC 2008,CME book at NIZAM,Hyderabad,8-10 Feb 2008
7. Poster by Sandeep Sahu,Anil Verma et al. percutaneous dilational tracheostomy in Icu patients,our experience,Ab No. 44,page 281,CRITICARE 2008, Bhopal,13-17 Feb 2008
8. Poster by Sandeep Sahu, Indu Lata et al. Ideal choice for sedation in ICU Propofol verses Midazolam ,Ab No. 28,page 271,CRITICARE 2008, Bhopal,13-17 Feb 2008
9. Dr Sandeep Sahu. Light band an ideal method for emergency intubation in facial trauma. Indo-us ACET 2009 at Coimbatore
- 10.Dr Sandeep Sahu .Role of intermittent and bolous epidural 6% aqueous phenol for pain and palliative care management in pelvic malignancies. Conference IAPCON 2011,18th International Conference of Indian Association of Palliative Care,SGPGIMS,11-13 Feb 2011
- 11.Dr Sandeep Sahu .Anaesthetic Challenges of Pediatric Supratentorial and Infratentorial fossa dumbbell tumour operated I a single sitting with newer innovative approach. 2nd Conference of Asian Society for Neuroanesthesia and Critical Crae(ASNACC) &12th Annual Conference of Indian Societ of Neuroanesthesiologist and critical care ,25-27 Feb 2011 at AIIMS,New Delhi
- 12.Dr Sandeep Sahu .Role of epidural Phenol in pelvic malignancies pain. 26th Annual Conference of Indian Society for Study of Pain,18-20 Feb ,2011 at PGI Chandigarh
- 13.Dr Sandeep Sahu .Participated in Debate “Euthanasia is ethically unacceptable in civilsed society. Conference IAPCON 2011,18th International Conference of Indian Association of Palliative Care,SGPGIMS,11-13 Feb 2011
- 14.Airway management in trauma patient at 28th Annual Scientific Sessions of College of Anaesthesiologist of Sri Lanka 19-24th Jan 2012

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15. Poster on ondansetron causing near fatal catastrophe in a renal transplant recipient :MEDICAL CHALLENGING CASE REPORT: presented at 66th NYSSA PGA conference from 14-18 Dec 2012 at New York, USA
16. Coiling of central venous catheter in left subclavian vein, a rare complication. 19th Annual congress of the ISCCM & International Critical Care Congress, CRITICARE 2013 ,1-3 March 2013 at Kolkata,India
17. Management of case of pregnant patient with incidental diagnosed Pheochromocytoma. 29th Annual Scientific Sessions of College of Anaesthesiologist of Sri Lanka ,Colombo 28 Jan- 3 Feb 2013
18. Prevention of postanaesthetic shivering after general anaesthesia, Ondansetron / Butrophenol, a placebo controlled comparative study. 29th Annual Scientific Sessions of College of Anaesthesiologist of Sri Lanka ,Colombo 28 Jan- 3 Feb 2013
19. Paper Anaesthetic management of IVF ,what is ideal at Fertility Society of Australia Conference 2013,1-4 Sept 2013 at Sydney,Australia
20. Paper Effect of Teaching and Training on acceptability of Palliative Care as speciality in North India at Asia Pacific Hospice and Palliative Care 2013 Conference at Bangkok, Thailand from 10-13 Oct 2013
21. Efficacy of Pregabalin as preemptive analgesic in below umbilical surgeries under spinal anesthesia at IASP 2014 Conference,15th world congress of pain at Buenos Aires, Argentina from 6-11 Oct 2014
22. Role of preemptive analgesic in anesthesia practice at ISACON Kerala 2014 at Cochin 11-13 Oct 2014
23. Management of Incidental found pheochromocytoma in term pregnant female at FIGO-SAFOG –SALCOG 2014,International conference of Obstetrics and Gynaecology at Colombo, Sri Lanka from 31 Oct-2 Nov 2014
24. Original Paper titled Prophylaxis against postoperative nausea and vomiting with palanosetron –Dexamethasone combination compared with palanaosetron or dexamatahasone alone for patient undergoing

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laparoscopic cholecystectomy at 6th NWAC 2015 at Vancouver, Canada from 28 April -2 May 2015

- 25.** Management of a severe haemophilia child with foreign body nose for removal in emergency the abstract of which published in journal of Prehospital and Disaster Medicine 2015, vol 30, supplement 1, page 41(a world renowned journal by Cambridge university press) presented at WCDEM 2015 Conference (19th world congress on Disaster and Emergency Medicine) from 21 to 24 April 2015 at Cape Town, South Africa .

i. PAPER presented as co-author\ co-presenter

26. Presented by Harpreet, H.D.Pandey, Sandeep Sahu et al. Role of epidural steroid in management of various cervical pain syndromes. Ab published in CME book, UPISACON 2007, Gorakhpur, UP
27. Presented by Sonika Katiyar ,H.D.Pandey, Sandeep Sahu et al. Comparison of intrathecal, epidural, an intravenous single shot Sufentanil for postoperative analgesia in elective lower limb orthopedic surgery. Ab published in CME book, UPISACON 2007, Gorakhpur, UP
28. Presented by Rupak Gupta, R K Mehta, Sandeep Sahu et al. Qualitative and quantitative analysis of acid base status following administration of two different fluids in critically ill patients by simplified Fencl-Steward approach. Ab published in CME book, UPISACON 2007, Gorakhpur, UP
- 29.** Dr Kamal Kishore, Dr Sandeep Sahu .Management of self inflicting cranio cerebral injury. Indo-us ACET 2009 at Coimbatore

Lecture's delivered at CME/Conference/workshops:

1. End point of fluid resuscitation in trauma patient. UPISACON 2007 at Dehradun.
2. Anesthetic management of Non-neurosurgical procedure in head injury patient. UPISACON 2008 at Gorakhpur.
3. Cardiopulmonary resuscitation in pregnant patients. Allahabad for female doctors in Aug 2009
4. Management of severe sepsis (newer guidelines 2008). cardiac and critical care update ,Moradabad, Sept 2009
5. Principles of poisoning management. UPISACON 2009 at Bareilly in Nov 2009

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6. Radiological terrorism management. UPISACON 2009 at Bareilly in Nov 2009
7. Management of eclamptic emergency patient. Indo-us ACET 2009 at Coimbatore
8. Honor for presenting lecture and doing workshop at UPISACON 2009 at Bareilly.
9. Faculty at BLS-ACLS abridge course workshop at, National conference of Indian society of Anaesthesiologist, ISACON 2010, SGPGIMS, Lucknow, 25 Dec 2010
10. Invited Guest Faculty Lecture on “Marine Envenomation Protocol based Indian perspective” at 6th annual INDO-US Emergency Medicine Summit, 6-8 Oct 2010 at Vadodra, Gujrat
11. Faculty at Pain Pharmacotherapy and Palliative Care in Conference IAPCON 2011, 18th International Conference of Indian Association of Palliative Care, SGPGIMS, 13 Feb 2011
12. Invited Guest Faculty for Lecture on Focused Assessment sonography in Trauma Patient (FAST) at Emergency Medicine CME at Era Medical College, Lucknow, UP on 13 Dec 2010
13. Invited Guest Faculty at Airway Workshop in UP- Uttrakhand Criticare 2010 at Nanital 10-12 Dec 2010
14. Invited Guest Faculty for Lecture “Pearls and Pitfall in Airway Management in Trauma “. TRAUMA 2010 at AIIMS on 26-28 Nov 2010.
15. Delivered lecture on CPR in Pediatric patients at SGPGI in 01 course 2011 for resident
16. Conquering the difficult airway, Lucknow Airway Conference at KGMC, lucknow on 15 May 2011
17. Recent advances in Neuroanesthesiology Monitoring ,ISA CME at BRD Medical College, Gorakhpur, UP on 11-12 June 2011
18. Fluid Resuscitation in Trauma Patient, Aggressive vs Under. Guest lecture, ISA Annual conference UP Chapter, Jhansi, 9-10 Aug 2011

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19. Hypothermic vs Hyperthermic Emergencies, Guest Lecture, Annual National Conference, 6th INDOUS-EM 2011, AIIMS, New Delhi
20. Monitoring in Neuroanesthesiology and Trauma, an update, PANAFRICA , Telemedicine Lecture, SGPGIMS, Lucknow, 2011
21. Fluid Management in Trauma Patient, at Telemedicine lecture for Afghanistan on 2011 at School of telemedicine, SGPGIMS, Lucknow, UP
22. Guest faculty at Cadaveric workshop on Interventional Pain Management talk on Vertebroplasty at KGMU, CSSMU , Lucknow
23. Transfusion related acute lung injury (TRALI), guest faculty at ISACON 2011 at Mumbai 26-29 Dec 2011.
24. Invited faculty , End of Life Care of Cancer Patients , Pain & Palliative Care Workshop at GSVM Medical College, Kanpur, 7 Jan 2012
25. Airway in Resuscitation and Arrhythmia management as Faculty at 01 course on CPR for Residents at SGPGIMS 11-17 Jan 2012
26. Hands on training of paramedics at SGPGIMS as faculty in Nov 2011
27. Management and diagnosis of Transfusion related acute lung injury at Telemedicine lecture for Afghanistan on 7/2/2012 at School of telemedicine, SGPGIMS, Lucknow, UP
28. Postoperative Cognitive Dysfunction, anaesthesia perspective at CME on geriatric anaesthesia at Era Medical college, Lucknow, UP, 2012
29. Pain and mechanism of pain lecture at PANAFRICA , Telemedicine , SGPGIMS, Lucknow, 3 Aug 2012
30. Postoperative Pain Management after Neurosurgery at Midterm meeting ISNACC at Varanasi, 1 Sept 2012
31. Faculty at ISA-CME 2012 at HIMS, Barabanki, 20 Aug 2012
32. Faculty at paper presentation, 4th Central zone conference on 23 Oct 2012 at Bhopal, MP
33. Conducted workshop as Faculty on Resuscitation on 27 sept 2012 at SP Dental College, Lucknow, UP
34. Faculty for Workshop on Critical Care for Nurses (Resuscitation) on 5 Oct 2012 at SGPGIMS, Lucknow

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35. Lecture on ARDS ,are we any wiser, Presented at 5th INCRAA-2nd SAARC CCM confererence ,6-7 Oct 2012,New Delhi
36. Faculty at Workshop on Anaesthesia Workstation at 36TH UPISACON 2012,12/10/12 at Meerut, UP
37. Lecture Preoperative Assessment of Cardiac Patient for noncardiac surgery at 36TH UPISACON 2012,13/10/12 at Meerut, UP
38. Guest lecture supraglottic airway devices, INDUSEM 2012 ,26-29 Oct 2012,Nashik
39. Lecture Airway management in faciomaxillary trauma patients INDUSEM 2012 ,26-29 Oct 2012,Nashik
40. Lecture Back pain can be a pain, INDUSEM 2012 ,26-29 Oct 2012,Nashik
41. Chaired session , National conference of Indian society of Anaesthesiologist, ISACON 2010, SGPGIMS, Lucknow , 29 Dec 2010
42. Faculty at BLS-ACLS abridge course workshop at, National conference of Indian society of Anaesthesiologist, ISACON 2010, SGPGIMS, Lucknow, 25 Dec 2010
43. Invited for taking lecture on CPR in Pregnant patients at Allahabad in 2009-2010
44. Invited faculty as chairperson,13th annual conference of Indian Society of Neuroanaesthesiology and Critical Care (ISNACC),10-12 Feb 2012,Bhopal,MP
45. Invited speaker, Obstetric critical care,13th National conference of Nepal society of obstetrician and Gynaecologist (NESOG) 30-31 March 2012,BPKM Cancer Hospital, Chitwan, Nepal
46. Lecture Resuscitation and Trauma Care at NEZACON2 2012 at Imphal, Manipur,29-30 Sept 2012
47. Faculty for workshop on Resuscitation at Critical Care for Nurses course on 5th Oct 2012 at 3rd Annual UP & Uttrakhand Critical Care Conference 5-7 Oct 2012

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48. Faculty at Panel discussion on Role of ICU in management of severe head injury patient, 29 Dec 2012 at ISACON 2012
49. Faculty as Chairperson at 29th Annual Scientific Sessions of College of Anaesthesiologist of Sri Lanka, Colombo 28 Jan- 3 Feb 2013.
50. Lecture delivered Electrolyte Imbalance in Neuro-intensive care at 14th annual conference of Indian Society of Neuroanaesthesiology and Critical Care (ISNACC), BHU, Varanasi, UP, 8-10 Feb 2013
51. Lecture delivered “ ICU Management of Transplant Patient” at 10th SAARC-Association of Anaesthesiologist, at Dhaka, Bangladesh 21-24 Feb 2013
52. Lecture on CPR at Resuscitation course for senior Residents at SGPGIMS on 4-8 March 2013
53. Lecture Pain mechanism and pathway at 14th annual conference of Society of Anaesthesiologist of Nepal & silver jubilee celebration on 5-6 April 2013 at Kathmandu, Nepal
54. Lecture on Acute Chest Pain, approach in ED at CAPITAL –EM 2013 at GMC, Chandigarh, 13-14 April 2013
55. Conducted workshop as faculty delivered lecture on trauma resuscitation at Primary Trauma Life Support Course at SPDIMS, Lucknow, UP on 27 April 2013
56. Guest Lecture Anaesthesia for Coronary artery bypass surgery at RIMS&R, Saifai, UP 3 May 2013.
57. Faculty in round table discussion to develop guidelines for Obstetric HDU at International conference Of Obstetric Critical Care 19-21 July 2013 at Pune by Pune Obstetric Gynae Society.
58. Fluid Management in neurosurgical patient at RSACPCON 2013 from 25-27 Oct 2013 at SKIMS, Srinagar, Kashmir
59. Pediatric advance life support revisited, at INDUSEM 2013 from 22-25 Oct 2013 at Trissur, Kerala
60. Advance airway Management at CPR 01 Course from 27-30 Nov 2013 at SGPGIMS, Lucknow

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61. Faculty at Panel discussion on Palliative Medicine at Pain and Palliative Education program at MLB Medical College, Jhansi, UP on 29 Nov 2013
62. Faculty at National conference of IAPA 2014 from 23 -24 Feb 2014 at Goa
63. Faculty at ATLS Provider course 21-23 April 2014 at AIIMS
64. Lecture on Musculoskeletal emergencies at EMPACT 2014 Course 23-27 July 2014 at St Johns Medical College, Bangalore
65. Lecture on Procedural sedation and analgesia at EMPACT 2014 Course 23-27 July 2014 at St Johns Medical College, Bangalore
66. Lecture on Transfusions in Emergency Medicine at EMPACT 2014 Course 23-27 July 2014 at St Johns Medical College, Bangalore
67. Lecture on shock management in Trauma Patients at Pan-Africa Telemedicine network at SGPGI on 10 August 2014
68. Faculty at ATLS Provider Course on 21-23 August 2014 at AIIMS, New Delhi
69. Lecture delivered Musculoskeletal trauma at ATLS Provider Course on 21-23 August 2014 at AIIMS, New Delhi
70. Approach to shock in Trauma Patient at Apollo, Bilaspur on 20 Sept 2014
71. Weaning from Mechanical Ventilation at Critical care Update 2014 at Command Hospital, Lucknow on 16 Sept 2014
72. Fluid management in Trauma patient at 6th Central zone and 11th CG state annual conference of ISA from 20-21 Sept 2014 at Raipur, Chattisgrah
73. Lecture Emergency Medicine a new perspective, role of Anaesthesiologist at UPISACON 2014 from 17-19 Oct 2014 at MLN Medical College, Allahabad, UP
74. Fluid management in neurosurgical and neurointensive care patients, physiological aspect at RSACPON 2014 from 16-18 Nov 2014 at HIMS, Dehradun
75. Approach to a trauma patient at Sardar Patel Institute of Medical Sciences, Lucknow, UP on 23 Nov 2014

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76. Cardiopulmonary Resuscitation (BLS/ACLS) on 5 Dec 2014 at 3rd SGPGI PG Anaesthesiology Refresher course 2014 from 5-7 Dec 2014 at SGPGIMS, Lucknow
77. Advance airway management and pediatric resuscitation at 01 Course CPR course 16-20 Dec 2014 at SGPGIMS, Lucknow
78. Awareness during pediatric anaesthesia, a myth or fact at ISACON 2014 from 25-29 Dec 2014 at Madurai, Tamilnadu
79. Trauma Resuscitation lecture at 11TH SAARC-AA 2015 Congress and 16th SANCON Conference, Kathmandu, Nepal from 26-28 Feb 2015
80. Trauma Scoring System and its validity at Trauma Anaesthesia and Critical Care 2015 CME at Trauma Center, BHU, Varanasi 14- 15 March 2015
81. BLS/ACLS lecture and hands-on workshop at PG Assembly UP state and Central zone ISA at GSVM Medical College, Kanpur, UP from 21-22 March 2015
82. ATLS course 22-25 July 2015. Lecture Musculoskeletal trauma at AIIMS, New Delhi
83. Guest lecture on Introduction to Critical Care Medicine at XXXIII IMA Refresher course 26 July- 2 Aug 2015 at GSVM Medical College, Kanpur, UP

Clinical courses completed:

- Advance Cardiac Life Support Course(ACLS), Provider Course, 2007
- **Advance Cardiac Life Support Course(ACLS), Instructor Course, 2008**
- AHLS, **Advance Hazmat Life Support** (Poising) ,Provider Course, 2007
- **Biomedical Hospital Waste Management & HIV prevention**, TOT, by UNDP, 2007
- **Toolkit Training in Palliative Care** (5 days) under auspice of Cairdeas International Palliative Care Trust & Palliative care partnership, UK, at SGPGIMS 21-25 June 2010.
- CTLS (comprehensive Trauma Life Support) Course 2011, at Shillong
- **Ultrasound Life Support course Advanced Level 1 Provider (USLS AL1P)** in Emergency & Critical Care, 2011

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- Workshop on Scientific Paper writing, sponsored by National Institute of Health, USA at SGPGI, Lucknow, UP 8-11 Dec 2011
- **Leadership and Training course for palliative care:** Palliative care workshop 28 Jan- 1 Feb 2013 by CAIRDEAs & SGPGIMS, Lucknow, UP
- **ATLS Provider Course** of American College of Surgeon at AIIMS ,New Delhi, August 2013
- **AUTLS(AIIMS Ultrasound Trauma Life Support course)** Provider Course 13-14 Dec 2013
- **ATLS Instructor Course** American College of Surgeon at AIIMS ,New Delhi, 25-27 Dec 2013
- 11th **International course on Organization of Trauma System and Mass Casualty Management course** from 23 March – 3 April 2014 at Rambam Medical Care Center, Israel
- Preworkshop hands-on training on **Trans esophageal echocardiography(TEE)** at Narayan Hirudalaya from 17-20 August 2015

Achievements/ Extracurricular activity:

Conferences/CME/Courses Organized:

1. Organizing Secretary RSACP UP CME on controversies in clinical practice of Anaesthesia (CICPA) 2015 on 16 Aug 2015 at SGPGI,Lucknow
2. Organizing secretary of 1st SGPGI Post Graduate ASSEMBLY on 16-17 March 2013 at SGPGIMS,Lucknow
3. Organizing secretary of 2nd SGPGI Post Graduate ASSEMBLY 2014 in Anaesthesiology from 1-3 March 2014 at SGPGIMS, Lucknow, UP
4. Organizing secretary of 3rd SGPGI PG Anaesthesiology Refresher course 2014 from 5-7 Dec 2014 at SGPGIMS, Lucknow
5. Organizing secretary of CME on Emergencies and Trauma System Organization 14 Oct 2014 at SGPGIMS
6. Organizing secretary of Ultrasound in Emergency and Trauma sonography on 17 Oct 2014 as part of INDUSEM 2014 Conference at SGPGI,Lucknow

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7. Member scientific committee of National conference of Indian Society of Neuroanaesthesiologist and Critical Care 30 Jan 2015- 1 Feb 2015 at SGPGIMS,Lucknow,UP
8. Organizing secretary of CME on Obstetric Critical Care and Obstetric Anesthesia on 19 May 2013 at SGPGIMS, Lucknow
9. Registration Chairman, National conference of Indian society of Anaesthesiologist, ISACON 2010, organized by Dept of Anesthesiology, SGPGIMS, Lucknow 25-29 Dec 2010
10. 58th annual conference of Neurological society of India 17-20 Dec 2009 at SGPGIMS as member transport &accommodation.
11. Member Organizing Committee ,Conference IAPCON 2011,18th International Conference of Indian Association of Palliative Care,SGPGIMS,11-13 Feb 2011
12. Co-organizing Secretary INDUEM 2014 Conference 15-19 Oct 2014 at KGMU, Lucknow
13. Organizing Secretary; CME on Emergencies and Trauma System Organization on 14 Oct 2014 at SGPGI
14. Organizing Secretary; UTLS, Emergency and Trauma sonography workshop on 17 Oct 2014 at SGPGI
15. Resuscitation courses/workshops for doctors/paramedics & Volunteers

Member of Executive Body of Professional organization

- Hony Secretary, RSACP UP State branch 2015
- Vice-President: UP chapter- Indian Society of Anesthesiologists 2010-14
- Secretary, UP chapter- Indian Society of Anesthesiologists 2012-2013
- Executive Member, National body, Indian Society of Neuroanaesthesiology and Critical Care (ISNACC) 2011-2012
- Executive Member, Central zone , Indian Society of Anesthesiologists 2013-2014

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- Executive Member, Lucknow city branch, Indian Society of Anaesthesiology 2010-2012
- Executive Member, Lucknow city branch, Indian Society of Study of Pain
- Academic Councilor, INDO-US Academic Council Emergency Medicine & Trauma since 2005-2014
- Faculty, ETAC, emergency medicine trauma airway course
- Secretary, SGPGI Anaesthesia Society 2012-2014
- Treasurer, Cancer and Palliative Care Foundation, SGPGIMS 2012-14
- Executive Member, Society for the USG in Anaesthesia Practice 2013-14

Life Member of Society/Professional Bodies

- Indian Association of Cardio vascular thoracic Anaesthesiologist
- Indian Association of Palliative care(IAPC)
- Indian of Anaesthesiologist(ISA)- FBF
- Indian Society of Anaesthesiologists (ISA)
- Indian College of Anaesthesiologists (ICA)
- Indian Association of Palliative Care(IAPC)
- Indian Society of Neuroanaesthesiology & Critical Care (ISNACC)
- Indian Society for Study of Pain(ISSP)
- Research Society of Anaesthesiology Clinical Pharmacology (RSACP)
- ITACCS, India chapter
- Member of Emergency Medicine Society of South Africa 2011-2012
- Association of Obstetric Anesthesiology & Critical Care
- Society of Emergency Medicine India (SEMI)
- Academy of Regional Anaesthesia(AORA)
- Indian Association of Pediatric Anaesthesiologist (IAPA)
- Indian Society of Organ Transplant (ISOT)
- Indian Medical Association(IMA)
- Indian Society of Trauma and Acute Care (ISTAC)
- Fellow Indian College of Critical Care Medicine
- Member National Academy of Medical Sciences,India
- Core –Group Member INDUSEM
- Member International Association for Hospice and Palliative Care(IAHPC) 2012-2014
- Member International Association for study of Pain(IASP) 2012-2014
- World Association of Disaster Medicine 2015-16

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Research Training Details:

A. Course on Biostatistics, from 15-04-2010 to 29-04-2010, Conducted by Dept of Biostatistics, Sanjay Gandhi Postgraduate Institute of Medical Sciences under academic courses. Duration of the training program was 15 days. Main Topics were related to biostatistics. It was a very nice, well structured and organized program which helped me to understand the basics of biostatistics.

B. Workshop on scientific communication: From 15-11-2010 to 17-11-2010. Conducted by Dept of Gastroenterology, SGPGIMS, Duration of the course was three days. Main topics were related to scientific communications.

C. Workshop on Scientific Paper writing: From 8-11 Dec 2011. Conducted by Dept of Gastroenterology, Sanjay Gandhi Postgraduate Institute of Medical Sciences., **Sponsored by office of the AIDS research, NIH, USA**, Duration of course was four days. Topic covered: basic and advance principles of scientific paper writing as per IMRAD format, various international guidelines of paper writing, how to make final manuscript, how to submit and where to submit in journals, what are editorial/review process, technical editing of paper, final manuscript processing and publication, copyright, and authorship issues.

D. Course on clinical trials: 29-3 Nov 2012 at SGPGIMS 01 COURSE

Conferences attended (International, national, state level):

International conferences:

1. International conference Asia pacific on Criti-care, New Delhi ,2007
2. Annual Scientific Sessions of College of Anaesthesiologist of Sri Lanka 19-24th Jan 2011.
3. 2nd Conference of Asian Society for Neuroanesthesia and Critical Care (ASNACC) & 12th Annual Conference of Indian Society of Neuroanesthesiologist and critical care ,25-27 Feb 2011 at AIIMS, New Delhi.
4. EMSSA 2011, 3RD Binneal conference of Emergency Medicine for developing world countries at Cape Town, South Africa, 15-17 Nov 2011

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5. WINFOCUS 2011,7th world congress on ultrasound in emergency medicine & critical care, AIIMS, New Delhi,23-25 Nov 2011
6. 28th Annual Scientific Sessions of College of Anaesthesiologist of Sri Lanka 19-24th Jan 2012
7. 13th National conference of Nepal society of obstetrician and Gynaecologist(NESOG),30-31 March 2012,BPKM Cancer Hospital, Chitwan, Nepal
8. 2nd SAARC-CCM&5th INCRAA 5-7 Oct 2012 at New Delhi.
9. 66th NYSAA PGA conference from 14-18 Dec 2012 at New York, USA
- 10.29th Annual Scientific Sessions of College of Anaesthesiologist of Sri Lanka, Colombo 28 Jan- 3 Feb 2013.
- 11.10th SAARC-Association of Anaesthesiologist, at Dhaka, Bangladesh 21-24 Feb 2013
- 12.14th annual conference of Society of Anaesthesiologist of Nepal & silver jubilee celebration on 5-6 April 2013 at Kathmandu, Nepal
- 13.Fertility Society of Australia Conference 2013,1-4 Sept 2013 at Sydney, Australia
- 14.Asia Pacific Hospice and Palliative Care 2013 Conference at Bangkok, Thailand from 10-13 Oct 2013
- 15.Trauma system and mass casualty management course at Israel 23 March-4 April 2014
- 16.IASP 2014 Conference,15th world congress of pain at Buenos Aires, Argentina from 6-11 Dec 2014
- 17.FIGO-SAFOG –SALCOG 2014,International conference of Obstetrics and Gynaecology at Colombo, Sri Lanka from 31 Oct-2 Nov 2014
- 18.SAARC-AA 2015 and SANCON 2015 at Kathmandu, Nepal from Feb 27-1 March 2014
- 19.WCDEM 2015 at Cape Town, South Africa from 21-25 April 2015
- 20.6th NWAC 2015 at Vancouver, Canada from 28 April -2 May 2015

National Conferences

- ISACON 2004,Anaesthesiology national conference,Bhopal,2004.
- ISACON 2005,Anaesthesiology national conference,Calcutta,2005.
- ISACON 2006,Anaesthesiology national conference,Mysore,2006.
- ISACON 2007,Anaesthesiology national conference,Vishakapatnam,2007.
- ISNACC 2006,Neuroanesthesia national conference,Bombay,2006
- ISNACC 2007,Neuroanesthesia national conference, New Delhi,2007
- ISNACC 2008,Neuroanesthesia national conference,Hyderabad,2008
- ISSPCON,2007, Pain national conference,Lucknow,2006
- INDUSEM 2007,Emergency Medicine ,Trauma & Disaster 2007 at New Delhi
- CRITICARE 2008,Critical Care national conference,Bombay,2008
- CRITICARE 2009,Critical Care national conference, Agra 2009

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- ISACON 2008, Anaesthesiology national conference
- ISACON 2009, Anaesthesiology national conference
- INDUSEM 2008, Indo-US emergency medicine national conference, Mangalore
- INDUSEM 2009, Indo-US emergency medicine national conference, Coimbatore
- Pain and Palliative care toolkit workshop 21-25 June 2010, at SGPGI, Lucknow
- Attended as Delegate CME & Conference, ISACON 2010, at SGPGIMS, Lucknow 25-29 Dec 2010
- Attended as Faculty 6TH annual INDO-US Emergency Medicine Summit, 6-8 Oct 2010 at Vadodra, Gujrat.
- Toolkit Training in PALLIATIVE CARE (5 days) under auspice of Cairdeas International Palliative Care Trust & Palliative care partnership, UK, at SGPGIMS 21-25 June 2010
- Attended as delegate, 2nd Conference of Asian Society for Neuroanesthesia and Critical Care (ASNACC) & 12th Annual Conference of Indian Society of Neuroanesthesiologist and critical care, 25-27 Feb 2011 at AIIMS, New Delhi.
- Attended as delegate 26th Annual Conference of Indian Society for Study of Pain, 18-20 Feb, 2011 at PGI Chandigarh.
- International conference on airway management.
- Annual conference UP chapter, ISA at Jhansi 9-10 Aug 2011
- ISA CME at BRD Medical College, Gorakhpur, UP on 11-12 June 2011
- WINFOCUS 2011, AIIMS, New Delhi, 23-25 Nov 2011
- Attended as Faculty 7TH annual INDO-US Emergency Medicine Summit, 29 Sep-3 Oct 2011 at AIIMS, New Delhi
- International Trauma Conference 2011, at Shillong, 9-11, Aug 2011
- ISACON 2011, 59th annual conference Indian society of Anaesthesiologist at Mumbai 26-29 Dec 2011
- ISSPCON 2012, 12th Annual conference of Indian society for study of pain, 2-5 Feb 2012, at Bangalore
- 13th annual conference of Indian Society of Neuroanaesthesiology and Critical Care (ISNACC), 10-12 Feb 2012, Bhopal, MP
- NEZACON 2012 at Imphal, Manipur, 29-30 Sept 2012
- INDUSEM 2012 at Nashik, Maharashtra 26-28 Oct 2012
- ISACON 2012, 26-29 Dec 2012, Indore, Bhopal
- 14th annual conference of Indian Society of Neuroanaesthesiology and Critical Care (ISNACC), 8-10 Feb 2013, BHU, Varanasi, UP
- Transplant Anaesthesia & Critical Care Symposium 2013 on 13 April 2013 at ILBS, New Delhi
- International Conference of Obstetric Critical Care 18-21 July 2013, Pune
- INDUSEM 2013 from 22-25 Oct 2013 at Trissur, Kerala
- RSACPCON 2013 from 25-27 Oct 2013 at SKIMS, Srinagar, Kashmir
- ISNACC 2014 from 31 Jan -2 Feb 2014 at Jaipur, Rajasthan
- National conference of IAPA 2014 from 23 -24 Feb 2014 at Goa
- INDUEM 2014 Conference 17-19 Oct 2014 at KGMU, Lucknow

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- RSACPCON 2014 from 16-18 Nov 2014 at HIMS,Dehradun
- ISACON 2014 from 25-29 Dec 2014 at Madurai, Tamilnadu
- As faculty at ISNACC 2015 from 31 Jan- 1 Feb 2014 at SGPGIMS,Lucknow
- AIAOPA 2015 North Zone 4-5 July 2015 at Faridabad,Haryana
- TEE workshop cum CME at Naryan Hirudalaya at Banglore 21-23 Aug 2015

State Level:

- CME, Ventilatory care management ,at HIMS, Dehradun ,2004
- UPISACON 2004, State chapter Indian society of anesthesiology,Kanpur,2004
- UPISACON 2005, State chapter Indian society of anesthesiology,Lucknow,2005
- UPISACON 2006, State chapter Indian society of anesthesiology,Agra,2006
- UPISACON 2007, State chapter Indian society of anesthesiology,Gorakhpur,2007
- ENDOCRINOLOGY, CME, 2006,at SGPGI,Lucknow.
- IMA-CGP,by IMA,Kanpur,2006
- CME on Nutrition ,2007,Ghaziabad
- PCCARE, Pulmonary & Critical care,2008,at Bareilly
- PAINCON,CME on pain management,2007, at Bareilly
- CME,Oral morphine in cancer pain management,Pallium India,2008
- UPISACON 2008, State chapter Indian society of anesthesiology, Dehradun
- UPISACON 2009, State chapter Indian society of anesthesiology, Bareilly
- UPISACON 2010, State chapter Indian society of anesthesiology, Agra
- UPISACON 2011, State chapter Indian society of anesthesiology, Jhansi
- CME on Cancer Pain Management,27 Jan 2012 at Dr RML IMS,Lucknow
- CME at IGM at CSSMU, Lucknow,UP 22-24 Dec 2011
- Critical Care Update New Perspective 2012 at CSSMU,Lucknow, 7 April 2012
- Pain Update at CSSMU,Lucknow, june 2012
- CME on geriatric anaesthesia at Era Medical college,Lucknow,UP, 2012
- ISA-CME 2012 at HIMS,Barabanki,20 Aug 2012
- 4th Central zone conference On 23 Oct 2012 at Bhopal, MP
- UPISACON 2012,Meerut,UP
- A PRACTICAL SYMPTOM CONTROL WORKSHOP FOR HEALTHCARE WORKERS,4-6 Feb 2013 at SGPGIMS, Lucknow,UP
- CAPITAL –EM 2013 at GMC,Chandigarh,13-14 April 2013
- Ethical guidelines for clinical studies-an update on 11 may 2013 at SGPGI
- UPISACON 2013 from 6-8 Sept 2013 at Lucknow, UP
- 6th Central zone and 11th CG state annual conference of ISA from 20-21 Sept 2014 at Raipur, Chattisgrah
- ISACON Kerala 2014 at Cochin 11-13 Oct 2014

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- UPISACON 2014 from 17-19 Oct 2014 at MLN Medical College, Allahabad, UP

Workshops attended:

- Tran cranial Doppler, at ISNACC 2007, Bombay
- Cervical spine trauma care, at ISNACC 2008, Hyderabad
- Chronic pain management & interventional approach, at ISNACC 2008, Hyderabad
- Ventilatory care management , at HIMS, Dehradun ,2004
- Airway managemt workshop at ISACON 2005
- Wound Management and splinting at , INDO-US, Academic Council for Emergency Medicine & Trauma, 2007, New Delhi
- Trauma Alert at , INDO-US, Academic Council for Emergency Medicine & Trauma, 2008, Manglore
- 7th WINFOCUS world congress on Ultrasound in Emergency & Critical Care (USLS AL1P) at AIIMS. New Delhi 23-25 Nov 2011
- TCD, Invasive ICP monitoring workshop at 14th annual conference of Indian Society of Neuroanaesthesiology and Critical Care (ISNACC), 8-10 Feb 2013, BHU, Varanasi, UP
- Oxygen Therapy and Non Invasive Ventilation on 26 April 2014 by ISCCM Lucknow branch at SGPGI
- Invasive Hemodynamic Monitoring workshop 29-30 May 2015 at Medanata Medicity, Gurgaon, Haryana

Organizational activities

- Vice-President: UP chapter- Indian Society of Anesthesiologists 2010-14
- Secretary, UP chapter- Indian Society of Anesthesiologists 2012-2013
- Executive Member, National body, Indian Society of Neuroanaesthesiology and Critical Care (ISNACC) 2011-2012
- Executive Member, Central zone , Indian Society of Anesthesiologists 2013-2014
- Executive Member, Lucknow city branch, Indian Society of Anesthesiology 2010-2012
- Executive Member, Lucknow city branch, Indian Society of Study of Pain
- Academic Councilor, INDO-US Academic Council Emergency Medicine & Trauma since 2005-2014
- Faculty, ETAC, emergency medicine trauma airway course

Curriculum Vitae of Dr Sandeep Sahu

- Secretary, SGPGI Anaesthesia Society 2012-2014
- Treasurer, Cancer and Palliative Care Foundation, SGPGIMS 2012-14
- Executive Member, Society for the USG in Anaesthesia Practice 2013-14

Other Contributions/Achievements outside Routine Work

- Academic work of Department & Institute
- Pain and palliative care education to medical professional, students and general public.
- Medical camp organized by NGO for community.
- CPR training to medical professional, students and general public.
- Secretary SGPGI Anaesthesia Society for teaching & Training.
- Treasurer Cancer & Palliative Care Foundation
- Executive Member, society for ultrasound in Anaesthesia

Date: 25/8/2015

DR SANDEEP SAHU