



## **Curriculum Vitae-**

Name - Dr. Tanmoy Ghatak.

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OrCID No- 0000-0002-5916-1832

### **Professional & educational qualification-**

Exam	Year of passing	Board/University	% obtained
Secondary	1997	West Bengal board	90.23%
Higher secondary	1999	West Bengal board	90%
1 <sup>st</sup> prof MBBS	2000	Calcutta University	65.3%

#### **(Calcutta Medical College CMC)**

2 <sup>nd</sup> prof MBBS	2002	Calcutta University	63.81%
3 <sup>rd</sup> prof MBBS I	2003	Calcutta University	68.5%
3 <sup>rd</sup> prof MBBS II	2004	Calcutta University	64.66%

M.D. (Anesthesiology) 2007-10      **KGMU Lucknow**

PDCC (Critical care medicine) 2012      **SGPGI**

Fellowship in Academic College of Emergency Experts      2024

Registration no- 60603 of West Bengal Medical Council. Dated 23rd May 2005.

- 87751 of UPMC dated 16/3/2020

## **Experience –**

**6 months House staff ship (House job) in cardio medicine in Medical College Kolkata.01.05.05-31 10.05.**

**Post MD senior residency in Dept of Critical Care Medicine in SGPGI. from July 1. 2010 to 30<sup>th</sup> September 2013- 3 years 3 months.**

**Assistant professor (Anesthesiology) and ICU in charge-Integral Institute of Medical Sciences and research. From 1<sup>st</sup> October 2013 till 30<sup>th</sup> September 2016.-3 years.**

**Assistant professor (Anesthesiology) and ICU in charge-GCRG Institute of Medical Sciences and research. From 1<sup>st</sup> October 2016 till 11<sup>th</sup> March 2017 (forenoon)-5 months 10 days**

**Assistant professor in Department of Critical Care Medicine- Kalyan Singh Super Specialty Cancer Institute. CG City. Lucknow. From 11<sup>th</sup> Mach 2017 (afternoon)-21<sup>st</sup> August 2018- 1year 5months 10 days.**

**Assistant professor in Department of Emergency Medicine- Sanjay Gandhi Institute of medical Sciences. Raebareli road. Lucknow. From 21<sup>st</sup> August 2018- 30 June 22: 3 years, 10 months, 9 days**

**Associate Professor in Department of Emergency Medicine- Sanjay Gandhi Institute of medical Sciences. Raebareli road. Lucknow. From 1<sup>st</sup> July 22- 30 June 25: 3 years**

**Additional Professor in Department of Emergency Medicine- Sanjay Gandhi Institute of medical Sciences. Raebareli road. Lucknow. From 1<sup>st</sup> July 25 onwards**

## **Fellowship-**

Fellowship of the Academic College of Emergency Experts in India. 2024. Received on 06/08/2024

## **Intellectual property-**

- 1. Marked introducer needle (Ghatak-Singh-Baronia's needle) for ultrasound guided central venous cannulation. (permanent patent granted on19/07/2024) No-3223/DEL/2013. Publication date-08/05/2015. Date of filling-31/10/2013.Patent no- 545339**
- 2. Ghatak's Guidewire trap. A medical device for preventing guidewire loss during central venous cannulation and method for preventing guidewire loss during central venous cannulation. Applied for permanent patent (Application No. 202511084186 A) Date of filing of Application: 04/09/2025 Publication Date: 19/09/2025.**
- 3. Design patent Guidewire trap 483399-001. Dated 11/12/25 Granted on 9<sup>th</sup> Feb 2026.**
- 4. Trademark applied for Ghatak's Guidewire trap applied on 01/10/25 Temp. Ref. No: 13084326**

## **Techniques described-**

- 1. Ghatak's technique to prevent guidewire misplacement during CVC insertions**
- 2. Samanta and Ghatak's technique of putting nasogastric tube in unconscious intubated patients**

## **Awards-**

1. “Young Intensivist of the year 2022” given by UP UK Criticon 22 held at Varanasi.
2. International scientist award on Engineering, Science and Medicine. VGood professional association. 29<sup>th</sup> Aug 2021.
3. Certificate of appreciation as frontline COVID worrier by Lucknow IMA. 11<sup>th</sup> September 2021.
4. ‘Sumant Samman’ by Ram Janki ji Maharaj samaj trust. 8<sup>th</sup> September 2021.
5. ‘Stree Foundation samman’ by Stree foundation trust for humanitarian works. 27<sup>th</sup> March 2025
6. Sehat Sarathi award by Dainik Jagaran group dated 15/6/2025
7. Medical Excellence award from HT times dated 23/6/2025.
8. President SGPGIMS award convocation 2025 16<sup>th</sup> September for highest number of patents in 2023 24.

## **Published papers-**

### **Editorial-**

- 1) Ghatak T, Snitowsky R. What's new in emergencies trauma and shock - Timing of definitive airway management in emergency medical services patients: Is earlier better? *J Emerg Trauma Shock* 2026; 19:1-2.
- 2) Ghatak T, Snitowsky R. What’s new in critical illness and injury science? Bayesian genomics and the next frontier of early sepsis prediction: Promise, pitfalls, and the path forward. *Int J Crit Illn Inj Sci* 2025; 15:137-8.
- 3) Ghatak T; Kamm S. The State of the Globe: Antimicrobial Resistance – A Silent Pandemic. *Journal of Global Infectious Diseases* 2025; 17(1): 1-2.
- 4) Ghatak T, Thakur S. State of the Globe: A Glimmer of Hope – Biomarkers for Diagnosing COVID-19 Pulmonary Fibrosis. *Journal of Global Infectious Diseases* 2024; 16(2):p 43-44.
- 5) Ghatak T, Holland RW. State of the Globe: Doxycycline - An Old Wine in a New Bottle for Gram-Negative Sepsis. *J Glob Infect Dis.* 2023;15(3):93-94.
- 6) Ghatak T, Mani UA. Attack on Health Care Workers: A New Complex Cancerous Humanitarian Emergency: High Time to Report and Resect. *Eurasian Journal of Emergency Medicine.* 2023;22(4):209-11.

### **Meta-analysis-**

- A. Ghatak T, Pal A, Rochweg B, Samanta S, Kumar A, Sajjad SA, et al. The diagnostic accuracy of serum procalcitonin for sepsis in critically ill adults: a systematic review and diagnostic meta-analysis. *J Crit Care.* 2026; 92: 155402. doi:10.1016/j.jcrc.2025.155402.
- B. Ghatak T, Sajjad SA, Das A, Kumar A, Halemani K, Rochweg B. The diagnostic accuracy of serum procalcitonin for sepsis in adult emergency department patients: A systematic review and meta-analysis. *Chest Crit Care* 2025; 3:101-10. [doi: 10.1016/j.chstcc.2025.100179].

- C. Chand G, Singh S, Dhiraaj S, Kumar B, Shetty A, Halemani K, Ghatak T. Perception of robotic-assisted surgery (RAS) among medical students: a systematic review and meta-analysis. *Journal of Robotic Surgery*. 2024;18(1):95.

### Original articles (1<sup>st</sup> and corresponding author) (indexed journal) --

1. **Ghatak T**, Chandra G, Malik A, Singh D, Bhatia VK. Evaluation of the effect of magnesium sulphate vs. clonidine as adjunct to epidural bupivacaine. *Indian J Anaesth* 2010; 54: 307-12. (Pubmed: 125 citation)
2. **Ghatak T**, Singh D, Kapoor R, Bogra JS. Effects of addition of Ketamine, Fentanyl and saline with Propofol induction on hemodynamics and laryngeal mask airway insertion conditions in oral Clonidine premedicated children. *Saudi Journal of Anaesthesia* 2012; 6:140-4. (Pubmed: Citation 28)
3. **Ghatak T**, Singh RK, Baronia AK. Comparison between marked versus unmarked introducer needle in real-time ultrasound-guided central vein cannulation: A prospective randomized study. *Ann Card Anaesth* 2016; 19:621-5. (Pubmed)
4. Kulshrestha N, **Ghatak T**, Gupta P, Singh M, Agarwal J. Surveillance of health-care workers for nasal carriage to detect multidrug-resistant *Staphylococcus* spp. in a tertiary care center: An observational study. *Med J DY Patil Vidyapeeth* 2019; 12:39-43. (Google Scholar, Hinari, CNKI)
5. Kulshrestha N, **Ghatak T**, Gupta P, Singh M, Agarwal J. Surveillance of health care workers hand to detect carriage of multidrug resistant *Staphylococcus spp* in a tertiary care center - an observational study. *Med J DY Patil Vidyapeeth*. 2021; 14:403-8. (Google Scholar, Hinari, CNKI)
6. Hashim Z, **Ghatak T**, Nath A, Singh RK. Role of low-dose tissue plasminogen activator in patients with refractory hypoxia due to presumed microthrombi in pulmonary vasculature in coronavirus disease 2019: A case series and review of the literature. *Lung India*. 2022;39: 286-91. (Pubmed. Impact factor 0.8)
7. **Ghatak T**, Singh RK, Kumar A, Patnaik R, Sanjeev OP, Verma A, Sharma S. The Impact of COVID-19 on the Clinical Practices, Working Environment and Social Life of Intensivists in Non-COVID-ICU. *Indian J Crit Care Med* 2022;26(7):816–824. (Pubmed. Impact factor 0.8)
8. Rahul Kumar A, Verma A, Sanjeev OP, Singh RK, **Ghatak T**, et al. A questionnaire-based study on quality and adequacy of clinical communication between physician and family members of admitted Covid-19 patients. *Patient Educ Couns*. 2022;105(2):304–310. (Pubmed. Impact factor 3.4)
9. Rupali AB, **Ghatak T**, Samanta S, Singh RK, Verma A, Mishra P, Chaudhury RK, Nath a. Pattern of conventional coagulation and thromboelastographic parameters in patients with COVID-19 diseases and association of COVID associated coagulopathy with mortality in Intensive Care Unit. *Anesthesia Essay and Research*. (Pubmed)
10. Mishra P; Singh RK; Nath A; Pande S; Agarwal A; Sanjeev OP; Gupta D; Singh P; **Ghatak T**; Hashim Z; et al. A novel epidemiological scoring system for the prediction of mortality in COVID-19 patients. *Trans. R Soc. Trop. Med. Hyg*. 2021;116(5): 409-416. (Pubmed)
11. Awale RB, Singh A, Mishra P, Bais PS, Vansh K, Shamim R, **Ghatak T**, Hashim Z, Gupta D, Nath A, Singh RK, Singh C, Pande S. Routine hematology parameters in COVID-19: A predictor of disease severity and mortality. *J Family Med Prim Care*. 2022 Jul;11(7):3423-3429.
12. Hashim Z, Nath A, Khan A, Neyaz Z, Marak RS, Areekkara P, Tiwari A, Srivastava S, Agarwal V, Saxena S, **Ghatak T**, Tripathy N. New insights into development and mortality of

COVID-19-associated pulmonary aspergillosis in a homogenous cohort of 1161 intensive care patients. *Mycoses*. 2022 Nov;65(11):1010-23.

13. Mishra P, Singh RK, Nath A, Sanjeev OP, Hashim Z, Dhiman RK, Pande S, **Ghatak T**, Rastogi A, Gupta D. Epidemiological Profile and Outcome of COVID-19 Patients and Its Comparison Between the First and Second Wave at a Tertiary-Level COVID Care Facility in North India. *Cureus* 16 (11) Publication date 2024/11/25.
14. Naik RA, Mir MN, Malik IA, Bhardwaj R, Alshabrmi FM, Mahmoud MA, Alhomrani M, Alamri AS, Alsanie WF, Hjazi A, **Ghatak T**, Poeggeler B, Singh MP, Gopenath TS, Singh SK. The Potential Mechanism and the Role of Antioxidants in Mitigating Oxidative Stress in Alzheimer's Disease. *Front. Biosci. (Landmark Ed)* **2025**, 30(2), 25551. <https://doi.org/10.31083/FBL25551>
15. Singh P, **Ghatak T**, Mani U, et al. (March 09, 2025) The Effect of Bilateral Nasal Sphenopalatine Ganglion Block in Managing Headaches After Dural Puncture Following Lower Segment Cesarean Section: A Prospective Observational Study. *Cureus* 17(3): e80289. DOI 10.7759/cureus.80289
16. **Ghatak T**, Gupta B, Samanta S, Dube BN, Halemani K. A systematic analysis of published Indian case reports of whole guidewire loss during central venous catheterization: Causes, detection and management strategies. *Ann Card Anaesth* 2025; 28:417-26.
17. **Ghatak T**, Singh N, Bhalchandra RA, Gupta B, Halemani K, Mishra P. Spontaneous venous thrombosis in patients with dengue fever: A systematic analysis of published case reports. *J Global Infect Dis* 2025; 17:117-23.
18. **Ghatak T**, Ramamoorthy SV, Mani UA, Lohia A, Mishra P, Singh RK. Assessment of perceived scientific and social benefits and satisfaction levels among participants of a critical care academic conference: A survey-based study. *Ann Card Anaesth* 2026;29:56-63.

### **Technical Article (indexed journal) (1<sup>st</sup> and corresponding author)-**

1. **Ghatak T**, Samanta S, Baronia AK. A new technique to insert nasogastric tube in unconscious intubated patient. *North Am J Med Sci* 2013; 5: 68-70. (Pubmed: citation 48)
2. **Ghatak T**. Guidewire trap: a novel, frugal safety device to prevent guidewire loss during central venous cannulation. *Crit Care*. 2025; 29:517. (Impact factor 10.5)

### **View point-**

1. **Ghatak T**, Mani UA. The Sci-Hub Ban in India: When Copyright Collides with Clinical Reality. *Indian J Crit Care Med* 2025;29(12):986–987.
2. **Ghatak T**, Zafar K. Hepatic Elastography in the Intensive Care Unit: Are We Ready to Use It as a Window into Critical Illness? *Indian J Crit Care Med* 2026;30(3):194–195.

### **Case reports (indexed journal) (1<sup>st</sup> and corresponding author) -**

1. **Ghatak T**, Azim A, Baronia AK, Poddar B. Cardiac calcification in acute intermittent porphyria. *Ann Paediatr Card* 2011; 4: 186-8. (Pubmed)
2. **Ghatak T**, Azim A, Baronia AK, Muzaffar SN. Malposition of central venous catheter in a small tributary of left brachiocephalic vein - A report of two cases. *Journal of Emergency, trauma and shock* 2011; 4: 523-5.(Pubmed)
3. **Ghatak T**, Singh RK, Baronia AK, Sahu S. Post operative acute anisocoria and old traumatic brain injury - A case report. *Indian Journal of Anesthesia* 2011; 55: 609-11. (Pubmed)

4. **Ghatak T**, Singh RK, Baronia AK. Enteral Voriconazole Induced Hypoglycemia-A Potentially Life-Threatening Complication. Indian Journal of pharmacology 2012; 44:138-9. (Pubmed. Impact factor-**0.73**)
5. **Ghatak T**, Singh RK, Baronia AK. An unusual case of non-occlusive mesenteric ischemia in young girl. Indian Journal of critical care medicine 2012; 16:28-30. (Pubmed)
6. **Ghatak T**, Samanta S, Baronia AK. Induction of anesthesia and intubation using intra-arterial route in emergency situation in two adults. Published in British Journal Anesthesia. Nov 27, 2012. Out of the blue E-letters. (Impact factor-**4.243**) (Google Scholar)
7. **Ghatak T**, Azim A, Baronia AK, Poddar B, Gurjar M. Should check ultrasonography be routinely done following removal of femoral vascular catheter in patients with end stage renal disease? Indian journal of Anesthesia 2012; 56: 425-7.(Pubmed)
8. **Ghatak T**, Azim A, Baronia AK, Ghatak N. Accidental guide wire loss during central venous catheterisation: A report of 2 life-threatening cases. Indian journal of critical care medicine 2013;17:53-54. (Pubmed)
9. **Ghatak T**, Samanta S. Accidental intra-arterial dexmedetomidine injection in post-operative ward. Anesthesia and intensive care 2013; 41: 431. (Pubmed. Impact factor-**1.9**)
10. **Ghatak T**, Gurjar M, Samanta S, Baronia AK. A case of 'Anesthesia Mumps' from ICU. Saudi Journal of Anesthesia 2013;7: 222-23. (Pubmed)
11. **Ghatak T**, Gurjar M, Kohat AK, Azim A, Hiralal. Dry spinal tap due to primary psoas and paraspinous abscesses. Saudi Journal of Anesthesia 2013; 7: 215-16. (Pubmed)
12. **Ghatak T**, Singh RK, Azim A, Gurjar M, Baronia AK, Hiralal. A case of extensive cardiac calcification. Saudi Journal of Anesthesia 2013;7:220-22. (Pubmed)
13. **Ghatak T**, Baronia AK. Extravascular displacement of distal port tip of central venous catheter - A potentially life-threatening complication. Anesthesia: Essays and Researches 2013;7:138-39. (Google Scholar)
14. **Ghatak T**, Samanta S, Samanta S, Bhagat H. Extubation difficulty after transphenoidal pituitary surgery in an acromegalic patient. Indian Journal of Anesthesia 2013;57:322-3. (Pubmed).
15. Samanta S, Samanta S, **Ghatak T**. Cardiopulmonary resuscitation in undiagnosed Situs Inversus Totalis in Emergency department: An Intensivist Challenges. Saudi Journal of Anesthesia 2013;7: 347-9. (Pubmed).
16. **Ghatak T**, Poddar B, Baronia AK. Dapsone induced methemoglobinemia and hemolysis in glucose-6-phosphate dehydrogenase deficient girl possibly aggravated by Methylene blue therapy: A new lesson. Indian Journal of Dermatology. 2013;58:410. (Pubmed. Impact factor-**0.573**)
17. **Ghatak T**, Azim A, Mohindra S, Ahmed A. Can Klebsiella sepsis lead to hyperammonemic encephalopathy with normal liver function? Journal of Anesthesiology clinical pharmacology 2013;29: 415-6. (Pubmed)

18. **Ghatak T**, Azim A, Baronia AK. A case of "Tako-Tsubo syndrome" with post-operative shock. *Anesthesia: Essays and Researches* 2013;7: 267-9. (Google Scholar)
19. **Ghatak T**, Samanta S, Baronia AK. Cryptosporidial diarrhoea in a patient of All-trans-retinoic-acid syndrome treated successfully with azithromycin. *Indian journal of Cancer* 2013;50(4):296. (Pubmed. Impact factor **1.16**)
20. **Ghatak T**, Singh RK, Baronia AK. Use of optimized ultrasound axis along with marked introducer needle – Can we prevent mechanical complications of central venous catheter placement? *Annals of Cardiac Anesthesia* 2013; 16:296-8. (Pubmed Impact factor **0.78**).
21. Naranje K, Poddar B, **Ghatak T**, Baronia AK. Staphylococcal native valve endocarditis with iris abscess and intracranial hemorrhage in an adolescent girl. *Pediatric infectious disease journal* 2012; Aug 16.(Impact factor-**3.577**)
22. **Ghatak T**, Samanta S. Methanol toxicity following esmolol infusion in a post-operative case of pheochromocytoma resection. *Saudi Journal of Anesthesia* 2013;7:484-85. (Pubmed)
23. **Ghatak T**, Samanta S. Intra-arterial induction for emergency intubation- should we use? *Saudi Journal of Anesthesia* 2013;7:487-88. (Pubmed)
24. **Ghatak T**, Samanta S, Samanta S. Anesthetic management of a patient with Marfan syndrome and severe aortic root dilatation undergoing cholecystectomy and partial hepatic resection. *Saudi Journal of Anesthesia* 2013;7:461-3. (Pubmed)
25. **Ghatak T**, Azim A, Sharma A, Mahindra S. Post-operative refractory hypotension due to right heart compression by hepatic cysts in a male with ADPKD. *Journal of Anesthesiology clinical pharmacology* 2013; 29: 572-4. (Pubmed).
26. **Ghatak T**, Singh RK, Samanta S. Hemodynamically unstable atrial fibrillation after oral contrast instillation in a case of Boerhaave's Syndrome. *Saudi Journal of Anesthesia* 2013;7:479-80. (Pubmed)
27. **Ghatak T**, Singh RK, Baronia AK. Spontaneous central vein thrombosis in a patient with activated protein C resistance and dengue infection-an association or causation? *Journal of Anesthesiology clinical pharmacology* 2013; 29:547-9. (Pubmed).
28. Singh RK, **Ghatak T**, Baronia AK. Intracranial haemorrhage in a patient co-infected with Dengue and leptospirosis. *Journal of neurosciences in rural practice* 2013;4:366-7. (Pubmed) [**corresponding author**]
29. **Ghatak T**, Malik. A, Kohli M. Intraoperative bradycardia and near asystole in a child after Ondansetron- a case report. *Anaesthesia Update* 2011 June. (Google Scholar)
30. Samanta S, Jain K, Samanta S, **Ghatak T**. Intraoperative pulseless ventricular tachycardia after Ondansetron. *J Anaesthesiol Clin Pharmacol.* 2014;30:293-4. (Pubmed).
31. Samanta S, Samanta S, **Ghatak T**, Grover VK. Chest ultrasonography in emergency Cesarean delivery in multi-valvular heart disease with pulmonary edema during spinal anesthesia. *J Clin Anesth.* 2014;26:235-7. (Pubmed). (Impact Factor-1.3)

32. **Ghatak T**, Poddar B, Mahindra S. Left ventricular failure and left ventricular inferior wall hypokinesia following terlipressin injection. *Ann Card Anaesth* 2014;17:257-9. (Pubmed).
33. Singh R K, **Ghatak T**, Saigal S, Baronia A K. Comparison between three rare cases of co-infection with dengue, leptospira and hepatitis E: Is early endothelial involvement the culprit in mortality?. *Ann Med Health Sci Res* 2014;4:32-4.(Pubmed)
34. **Ghatak T**, Samanta S, Baronia AK. Anaphylactic shock with intravenous 20% lipid emulsion in a young patient: Should we ask about soybean allergy beforehand?. *Asian J Transfus Sci* 2014;8:143-4. (Pubmed)
35. **Ghatak T**, Shukla A. An unusual mid-shaft spinal needle defect detected accidentally. *Saudi Journal of Anesthesia*.2014;8:s222. (Pubmed)
36. Kulshrestha N, Srivastava D, **Ghatak T**, Yadav M S, Samanta S. An unusual case of recurrent urinary tract infection. *Indian J Nephrol* 2015;25:392-3. (Pubmed)
37. **Ghatak T**, Kumar N, Singh RK. Retained guidewire following the use of the straight end of Seldinger guidewire for hemodialysis catheterization. *Journal of Indira Gandhi Institute Of Medical Science*. 2024 Jan 1;10(1):68-70.
38. Jafri AD, **Ghatak T**. A conservatively managed case of necrotizing emphysematous pancreatitis secondary to acute pancreatitis. Publication date: 2025/1/ Available at SSRN: <https://ssrn.com/abstract=5051215> or <http://dx.doi.org/10.2139/ssrn.5051215>
39. Jafri AD, Sundar S, Ghatak T. Mediastinal hematoma: A rare complication of hemodialysis cannulation. *Visual Journal of Emergency Medicine*. 2024 Oct 1;37:102158.
40. Jafri AD, Ghatak T, Singh RK. Acute Anisocoria secondary to increased intra-abdominal pressure: A case series and mini review of literature. Accepted in *Polish Annals of Medicine*. 27<sup>th</sup> May 2025.
41. Jafri, AD, Ansari R, Ghatak T, Singh R K. When Bone Breaks the Brain: A Case of Cerebral Fat Embolism with Mini-Review of Literature. *Journal of Emergency Practice and Trauma*, 2026; 10(2):

## Letters to the editors

1. **Ghatak T**. Artificial Intelligence for Informed Consent: Helpful Tool or Premature Proxy for Clinical Communication? *Indian J Crit Care Med* 2026;30(1):80–81.
2. **Ghatak T**. Comment on: physiology-guided subphenotyping of hypotension in early sepsis. *Annals of Intensive Care*. 2026 Jan 1;16:100043. (Impact factor 5)
3. **Ghatak T**, Bose P. Letter in Response to the Article: Utility of Extracellular Nicotinamide Phosphoribosyl Transferase as a Novel Biomarker in Predicting Early Severe Organ Dysfunction and Mortality in Acute Respiratory Distress Syndrome: A Prospective Observational Study. *Indian J Crit Care Med* 2026;30(2):173–174.
4. Maurya P, **Ghatak T**, Maurya P: Enhancing the sepsis chain of survival: A call for practical implementation and adherence monitoring. *Crit Care Med* 2025; 53:e2780–e2781 | DOI: 10.1097/CCM.0000000000006874 (Impact factor 5)

5. **Ghatak T**, Mani UA. Comment: Is ChatGPT a Reliable Auxiliary Tool in Basic Life Support Training and Education? A Cross-sectional Study. *Indian J Crit Care Med* 2025;29(9):784–785.

### **Case reports (non-indexed journal)-**

**Ghatak T**, Gupta. R, Bogra. J, Malik. A, Kapoor. R. Combined Spinal Epidural Technique (CSE) for Urgent Caesarean Section in Patient with Severe Mitral Stenosis with Tricuspid Regurgitation. *Anaesthesia Update* 2009 Dec.

### **MEMBER journal EDITORIAL BOARD:**

1. **Chief Editor in International Journal of Academic Medicine. Indexed in:** Emerging Sources Citation Index, Scimago Journal Ranking, SCOPUS, Web of Science. Impact Factor® as reported in the 2024 Journal Citation Reports® (Clarivate Analytics, 2025): 0.2
2. **Co-editor in “Eastern Journal of Medical Sciences (EJMS)”** an international, online and print journal published quarterly by the **Atharva Scientific Publications**, India. (Google scholar, index Copernicus, Crossref)
3. **Editorial board member in The Hypertension Journal** is an official publication of *Indian Society of Hypertension* and supported by The *World Hypertension League* (in association with WHO). Open accessed journal published quarterly.
4. **Editorial board member in South Asian Journal of Geriatric Medicine, Surgery, Palliative Care & Hospice.**

### **Book as chief editor-**

1. Suhail S Siddiqui, Tanmoy Ghatak, Saumya S Nath: Critical care perspectives: From theory to practice. Jaypee Brothers Medical Publishers (P) Ltd. New Delhi: Edition First. Year: 2024. **ISBN no-978-93-5796-452-7.**
2. Bhattacharya S, Chatterjee S, Bhavana K, Ghatak T: AI in Healthcare. Selftype developers Pvt ltd, Karnataka: Edition First. Year: 2024. **ISBN no-978-1-68576-505-7.**

### **Book chapters-**

1. Ghatak T. Micronutrients in critical care. In Das B, Das S editors. In *Anesthesia Update 2017*: New Delhi: Jaypee: 2017: Pp
2. Ghatak T. post COVID repercussions. In Samseri C editors *COVID 19-A Ready Reckoner*. 2020 16:20. Page no 54-56.
3. Sanjeev OP, Ghatak T. Peripartum Cardiomyopathy. In Gupta V: ‘Critical Care Medicine Bench to Bedside’ published in *Criticon* 2022.
4. Ghatak T, Singh RK. Procedures in COVID-19. In Chaudhury D, Dixit S, Govil D, editors. *ISCCM textbook of Critical Care Medicine*. New Delhi: Jaypee: 2023. Pp 1041-49.

5. Ghatak T, Mani UA. Glycemic control in ICU patients. In Siddiqui SS, Ghatak T, Nath S, editors. New Delhi: Jaypee: 2024. Pp 28-34.
6. Chakraborty N, Ghatak T, Agarwal A. In Siddiqui SS, Ghatak T, Nath S, editors. Critical care perspectives from theory to practice. New Delhi: Jaypee: 2024. Pp 15-21.
7. Ghatak T, Mani UA. The integration of artificial emergency in Emergency Medicine: enhancing Efficiency and Efficacy. In Bhattacharya S, Chatterjee S, Bhavana S, Ghatak T. editors AI in healthcare. Karnataka: Selfpage developers 2024. Pp 58-64.
8. Srivastava A, Ghatak T. Tropical infections. Jain V editor. The *ICU Manual* New Delhi: Jaypee: 4<sup>th</sup> edition. 2025.
9. Sheoran, P., Tripathi, R. D., Mishra, S. K., Ghatak, T., & Singh, S. K. (2025). Cerebrovascular pathology and targets for the prevention of Alzheimer's disease. In *A New Era in Alzheimer's Research* (pp. 125-141). Academic Press.

### **EXAMINER Academic Activities**

1. External examiner for PDCC (Post Doctoral Certificate Course in Critical Care Medicine): Era University 28<sup>th</sup> March 2022
2. Internal examiner for PDCC (Post Doctoral Certificate Course in Resuscitative Emergency Medicine): July 2020
3. Internal examiner for PDCC (Post Doctoral Certificate Course in Resuscitative Emergency Medicine): July 2024.
4. Internal examiner for MD Emergency Medicine: January 2025 (first batch) and November 2025.(2<sup>nd</sup> batch)
5. Internal examiner for PDCC (Post Doctoral Certificate Course in Resuscitative Emergency Medicine): April 2026.
6. External examiner for Fellowship in Emergency Critical Care Examination 2026 (I) at IGIMS, PATNA 13<sup>th</sup> April 2026

### **ORGANIZATIONAL ACTIVITIES:**

1. Organising secretary Criticon 24. SGPGIMS.
2. Executive Committee member. Lucknow chapter of Indian Critical Care Medicine Society (ISCCM) 2018-2021.
3. Secretary. Lucknow chapter of Indian Critical Care Medicine Society 2021-to June 23.
4. Chairman, Lucknow City Branch of Indian Critical Care Medicine Society from June 23 to till date.
5. Nodal officer Dengue management unit SGPGI 2021
6. Nodal officer Acute febrile events post vaccination 2021.
7. Triage supervisor in Corona Triage and Care Unit 2020-21.
8. Admission Incharge in Rajdhani corona Hospital 2020.
9. Liaisoning officer with CMO Lucknow and integrated control room 2020-21.
10. Member roster making group COVID 19 RCH. March 20- December 20.
11. ICU in charge COVID ICU 3 RCH.

12. Presenter COVID 'Extension for Community Healthcare Outcomes' classes.
13. Presenter COVID training module 2.

### **Other Contributions/Achievements outside Routine Work:**

- 1) Made institutional COVID management protocol algorithm- displayed in institution site.
- 2) Made institutional COVID positive Operation theatre management algorithm- displayed in institution site
- 3) Roster making for all residents and faculty working in different sections in Rajdhani corona hospital (Triage 2, triage 3, ICU, Isolation)
- 4) Initiation of HIS with separate name and password for COVID isolation and ICU. Renaming and separate identification of emergency department-triage- suspect area from COVID area in HIS to minimize confusion.
- 5) 'Extension for Community Healthcare Outcomes' Zoom lectures for 52 medical colleges on corona and its different aspects from April 1<sup>st</sup> 2020 to September 2020.
- 6) Presenter COVID training module 2 from February 2021-till April 2021.
- 7) Active participation in Electronic COVID Care System and managing difficult cases in different hospitals and medical colleges of UP through telephonic advice.

### **Research projects-**

#### **Intramural Project-**

Comparative evaluation of diagnostic and prognostic accuracy of Procalcitonin, CD64, Group II phospholipase A 2 and Human neutrophil lipocalin for adult sepsis and septic shock patients admitted in Emergency Department. 5 lakh Intramural grant. Granted on: 87<sup>th</sup> Research Committee Meeting 11.03.2023 Start date: 31.05.2023 Completion date: 30.05.2025.

#### **Other nonfunded projects**

1. Principal investigator in- Social and scientific benefits of participating at an Academic Conference: A Survey based study
2. Principal investigator in- Simulation based nursing critical care and basic life support training strengthened enhanced knowledge and confidence of nursing staff- a survey-based study
3. Principal investigator in 'Clinical profile of patients with haematological disorders admitted in emergency department: A prospective observational study.
4. Principal investigator in 'Global coagulation assay in COVID-19 infection: A prospective observational study.'
5. Principal investigator in- Abnormalities in coagulation parameters in COVID-19 infection in terms of demographic, clinical and laboratory variables and comparison between the first and second wave of COVID pandemic in India.
6. Co-investigator in "Clinical Predictors of Severe SARS-CoV-2 in Patients with Diabetes in ICU"
7. Co-investigator in "Impact on Open Chronic Wound management in COVID-19 patients in a Dedicated COVID 19 Superspecialty Tertiary Care Hospital. Is the wound SARS CoV2 (COVID-19) Positive?"

8. Co-investigator in ‘Prospective observational study of sepsis in emergency.’
9. Principal co-investigator in ‘Comparison between marked versus unmarked introducer needle in real-time ultrasound-guided central vein cannulation-A prospective randomized study’ an ICU based CTRI registered study. Completed in 2013.

### **Thesis guide:**

1. Chief Guide: Comparative Evaluation of Diagnostic and Prognostic Accuracy of Immature Granulocyte Markers vs Procalcitonin in Adult Sepsis Patients in Emergency Department. Dr Ankit Jain
2. Co guide-

### **Important lectures in seminars/ workshops/ conferences-**

#### **Pre 2020-**

1. ISCCM Lucknow chapter “USG guided hemodynamic monitoring workshop” as speaker February 2017. (FAST E-FAST lecture and hands on)
2. ISCCM Lucknow chapter “Mechanical ventilation workshop” as speaker April 2017. (basics of Mechanical ventilation and hands on)
3. UPUK ISACON 2017 ‘Mechanical ventilation workshop’ as speaker. (COPD and ARDS 2 lectures and hands on)
4. ISCCM Lucknow chapter Sepsis day CME 2017- Chairperson.
5. USG workshop Agra ISCCM Annual conference- 5<sup>th</sup> November 2017 (FAST, E-FAST).
6. ISA Lucknow chapter “Mechanical ventilation workshop” as Organiser August 2018 (lecture on basics of Mechanical ventilation and hands on).
7. ISACON 2019 Agra: 26-30 November. lecture on Point / Counter Point Session- “Preoperative antiplatelet drugs with coronary stents: Stopping the drug”
8. Criticare 2019 Mumbai 30 January -3<sup>rd</sup> February-workshop on Workshop: Airway Management & Bronchoscopy in Critical Care Course 2 days workshop. (Lecture on Angioedema and Airway management in ICU plus hands on.)
9. Faculty in 01 course in CCM SGPGI Feb 19.(Hands on mechanical ventilation how it works)
10. Criticon UP UK chapter 2019 25<sup>th</sup>-26<sup>th</sup> May 2019: as Chairperson.
11. ISCCM Lucknow chapter antibiotic stewardship 1<sup>st</sup> June 2019: as Chairperson.
12. ICRA-PAIN 2019 International conference on recent advances of pain Sept 2019: as chairperson.
13. AIIMS PG Assembly 2019. October 19: as Faculty (lecture on PFTs)

#### **Post 2020**

- 1) Presenter COVID ‘Extension for Community Healthcare Outcomes’ classes. March 2020 to October 2020.

- 2) Presenter COVID training module 2. February 2021-April 2021
- 3) As faculty in UP-UK ISCCM State chapter and SRMS PulmoCriti2 20 March 21. Talk on COVID 19 treatment options.
- 4) KGMU pg assembly Feb 2022. Talk and hands on- Percutaneous Tracheostomy.
- 5) Central zone pg assembly at RMLIMS Lucknow march 2022. Talk on ABG.
- 6) Criticare 2022- 1. as co-ordinator in the session- Meet the Expert on Topic –Low cardiac output syndrome and mechanical support. 2. Lecture on Replacement / Infusion principal in ICU -in crisis / deficit - symptomatic in ICU. Vitamin B1,K B12.
- 7) International conference on Cosmetology AICBACON Vietnam 6<sup>th</sup> April 2023 lecture on ‘Home Emergency Recognition and what to do.’
- 8) 3rd World Congress on Medical Food and Nutrition WTC Novotel Dubai lecture on ‘Nutrition in Emergency and ICU’ on 5<sup>th</sup> August 2023.
- 9) ISCCM LKo workshop on Mechanical Ventilation. Talk on- Basic when done correctly change outcome 5<sup>th</sup> August 2023.
- 10) UP UK State conference of Indian Society of Critical Care Medicine ‘Criticon 23’ coordinator of a debate on ARDS. HFNC vs NIV. 26<sup>th</sup> August.
- 11) Lecture on ‘First aid’ on international cardiology day in Dial-108 Police Bhawan lecture theatre 29<sup>th</sup> September 23.
- 12) Participated in ISCCM 30 years quiz programme in Mumbai Taj hotel and won 3<sup>rd</sup> prize.
- 13) National conference of Anaesthesiologist ISACON 2023 Gurgaon 26 Nov 23 Chairing on Transplant and Trauma section.
- 14) National conference of Indian Society of Critical Care Medicine (Criticare 2024)
  - a. Participated as delegate in workshop on GRADE methodology 28-29 Feb 2024
  - b. Co-Ordinator in the session- Hemodynamic monitoring 1<sup>st</sup> March 2024.
- 15) Pulmonary PG assembly KGMU 8<sup>th</sup> March 24. Talk on basics of ICU care
- 16) International conference on Cosmetology AICBACON Malayasia April 2024 lecture on ‘Basic and advanced cardiac life support.’ 6<sup>th</sup> April 2024
- 17) 12<sup>th</sup> May 2024 on international nurses’ day organised an outreach never before CME cum Workshop on Nursing Critical care at Azamgarh. I delivered lecture on ‘Essential care practices in Emergency and ICU’.
- 18) On 27<sup>th</sup> May 24 International Emergency Day delivered lecture on ‘approach to a patient in medical Emergency’ Hind medical college Barabanki.
- 19) Lecture on ‘Care of ICU patients’ National webinar on quality management 14th June 24.
- 20) Lecture on” sterilization: Intensivists perception” in KSSCI Lucknow 16<sup>th</sup> June 24.
- 21) 1<sup>st</sup> September ISA Barabanki branch opening- chairperson.
- 22) Panelist in ‘How to break bad news to relative’ W4C Bhubaneswar 21<sup>st</sup> September 24.

- 23) Lecture on 'Care of ICU patients' National webinar on quality management in SGPGI-11<sup>th</sup> November 24.
- 24) Lecture on 'My patient developing repeated hypoglycemia' in 8<sup>th</sup> Pulmocrit 2024 SRMS bareilly-17<sup>th</sup> November 2024.
- 25) On 18<sup>th</sup> November 24 delivered lecture on 'Care of ICU patients: what we must know' Hind medical college Barabanki.
- 26) Lecture on 'Echocardiography to differentiate shock in ICU patients' on Kanpur Criticon 2024 - 22<sup>nd</sup> December 2024.
- 27) 1<sup>st</sup> Preceptorship programme lecture on 'Sepsis and septic shock' 28<sup>th</sup> December 2024
- 28) 2<sup>nd</sup> Preceptorship programme lecture on ACLS BLS Saraswati medical college Unnao 15 January 2025.
- 29) 3<sup>rd</sup> Preceptorship programme lecture on ACLS BLS Era medical college 27 January 2025
- 30) 4<sup>th</sup> Preceptorship programme lecture on basics of mechanical Ventilation 1<sup>st</sup> February 2025
- 31) Panel discussion on Care Bundles in ICU: One team-One spirit-One goal 16<sup>th</sup> Hisicon 5<sup>th</sup> Feb 2025
- 32) Lecture on Advance trauma life Support in Criticare Kochi 6<sup>th</sup> March 2025.
- 33) Panel discussion on Sucralfate Criticare Kochi 7<sup>th</sup> March 2025
- 34) Lecture on Bundle Care in ICU: what we must know? in Odissa Criticon 19<sup>th</sup> April
- 35) Lecture on Basic ventilation strategies in ARDS - protective lung ventilation and proning. in Max Criticon Lucknow 2<sup>nd</sup> May 2025
- 36) Pro con debate and panel discussion on renal replacement in Sepsis. Delhi max Criticon 3<sup>rd</sup> May 2025
- 37) Mechanical ventilation workshop in W4C and B4C 4<sup>th</sup> July 2025
- 38) Panel discussion on difficult to treat antifungal in W4C and B4C 5<sup>th</sup> July 2025
- 39) Quiz master in preliminary and final round in W4C and B4C 5<sup>th</sup> -6<sup>th</sup> July 2025
- 40) Poster judge in W4C and B4C 5<sup>th</sup> -6<sup>th</sup> July 2025
- 41) KGMU PG assembly anaesthesia faculty 26<sup>th</sup> July 2025.
- 42) Podium Judge in Precision Medicine And Intensive Care Conference-2025, 25-27 July, 2025
- 43) Lecture on Decoding Sepsis: Biomarkers as Clinical Game-Changers in ICACON Jodhpur 30<sup>th</sup> August 2025
- 44) Panel discussion on Integrated approach for preventing and managing CRBSI to build a comprehensive safe ICU. ISCCM Lucknow 27<sup>th</sup> September.
- 45) Panel discussion on PULMONARY EMBOLISM- what's new -CUTE/SUBACUTE/CHRONIC in Criticon Gorakhpur 4<sup>th</sup> October 2025
- 46) Lecture on 'Handling a Code Blue: Initial Response to Cardiac Arrest→ BLS-ACLS basics for ICU'- in Criticon Gorakhpur 5<sup>th</sup> October 2025.
- 47) Lecture on The Sepsis Code: Cracking the Biomarker Puzzle in WACEM Mangalore 1<sup>st</sup> November 2025
- 48) Lecture on AKI in Criticare comprehensive critical care workshop 25<sup>th</sup> February 2026.
- 49) Hands on lecture on basics of mech ventilation in Criticare comprehensive critical care workshop 25<sup>th</sup> February 2026.
- 50) Hands on lecture on ATLS in Criticare 26 in comprehensive critical care workshop 26<sup>th</sup> February 2026.
- 51) Panel discussion on WHO panel members in Criticare 26 on 28<sup>th</sup> February 2026
- 52) Lecture on diagnosis of delirium in ICU in Criticare 26 on 28<sup>th</sup> February 2026.
- 53) Chairperson in silent hall in Criticare 26 on 27<sup>th</sup> February 2026.

**Organisor-**

## **Conferences organised-**

A. As organising secretary organised Criticon 24 in SGPGIMS on 27-29<sup>th</sup> September 2024

Organised 14 workshops in different places in Lucknow in this conference

## **Pan India online nursing bimonthly CME**

**As a programme in charge**-Program for NMCN Nursing knowledge series conducted by dept of Emergency Medicine, SGPGIMS. An online longitudinal training program for nurses initiated by NEXUS bi monthly started on 14th Nov 2025

## **As secretary of ISCCM Lucknow chapter 21-23**

### **Organized online CME**

1. Webinar on “Management of severe COVID Pneumonia-beyond ventilation” 31<sup>st</sup> July 2021
2. Webinar on “Nutrition” 26<sup>th</sup> August 2021
3. ‘Yuva manthan’ theme ‘Airway in ICU’ 12<sup>th</sup> March 2022

### **Organized offline CME**

1. Commemorate World Sepsis Day 2021 11<sup>th</sup> September 2021
2. UP Critical Care Quiz. 9<sup>th</sup> October 2021
3. Workshop on “Point of Care Ultrasound in Emergency Critical Care” (UPMCI awarded three accreditation hours) 14<sup>th</sup> November 2021.
4. Managing VTE in COVID patients 18<sup>th</sup> December 2021.
5. Parenteral Nutrition Symposium. 27<sup>th</sup> December 2021.
6. CME for Nurses in Emergency and Intensive care- on 24<sup>th</sup> April 2022.
7. Workshop on “Mechanical Ventilation” (UPMCI awarded three accreditation hours) 8<sup>th</sup> May 2022.
8. CME on Enteral Nutrition 14<sup>th</sup> May 2022.

## **As chairman of ISCCM Lucknow city branch 23**

### **Organized online CME**

1. National Webinar on ‘Poison patrol’ in association with Emergency Medicine Association in our Department SGPGIMS 3<sup>rd</sup> January 24.
2. National webinar on quality management in association with quality cell SGPGIMS and Emergency Medicine Department SGPGIMS on 14<sup>th</sup> and 15<sup>th</sup> June 24. (650 registered and attended)
3. National webinar on quality management in association with quality cell SGPGIMS and Emergency Medicine Department SGPGIMS on 11<sup>th</sup> November 24 celebrating quality week.

### **Organized offline CME**

1. Doctor’s day CME 1<sup>st</sup> July 23 Vivekanand hospital topic- ARDS.
2. 13<sup>th</sup> August workshop on Mechanical Ventilation. Hotel Hilton Inn.
3. Commemorate World Sepsis Day ‘SEPSIS UPDATE 23’ 16<sup>th</sup> September 2023
4. CNEIC Era University 1<sup>st</sup> and 2<sup>nd</sup> October 2023.

5. Obstetric Critical Care workshop in RMLIMS Nov 2023.
6. Nephro-critical care 23<sup>rd</sup> Dec 2023
7. Public awareness programme at IMA bhawan about sepsis February 2024.
8. 20<sup>th</sup> April 2024 Nutrition CME and all committee meet for Criticon 24.
9. 12<sup>th</sup> May 2024 Outreach programme at Azamgarh for nursing critical care.
10. 14<sup>th</sup> and 15<sup>th</sup> June national CME on quality on hybrid mode.
11. 27<sup>th</sup> July Midterm meet Criticon
12. 7<sup>th</sup> September Mechanical Ventilation at Integral Institute of Medical science,
13. 1<sup>st</sup> Preceptorship programme on 'Sepsis and septic shock' 28<sup>th</sup> December 2024 unnao
14. 2<sup>nd</sup> Preceptorship programme on ACLS BLS Saraswati medical college Unnao 15 January 2025.
15. 3<sup>rd</sup> Preceptorship programme on ACLS BLS Era medical college 27 January 2025
16. 4<sup>th</sup> Preceptorship programme Mechanical Ventilation Integral medical college 1<sup>st</sup> February 2025

### **ISCCM national activities-**

#### **Online lecture Step sessions-**

1. Lecture on STEP session Toxicology 21<sup>st</sup> August 2024.
2. Moderator of STEP session Dr Swarn Deepak
3. Moderator of STEP N session Dr Prateek Koolwal

### **ISCCM Journal club-**

July 2025

August 2025

September 2025

October 2025

November 2025

#### **ISCCM Lucknow City branch responsibilities:**

Executive council member ISCCM Lucknow 2018-21.

Secretary ISCCM Lucknow 2021- 2023 June

Chairman ISCCM Lucknow 2023 June -2025 June

### **Other Important Professional courses/ seminars/ workshops/ conferences attended-**

1. ACLS course 2017. (Provider course)
2. UP-UK ISACON 2009. (as delegate) 2016 (as faculty in workshop)
3. ISACON 2008, 2010, 2011, 2012. (as delegate), 2017(as faculty- delivered lecture) 2018(as faculty-delivered lecture) 2022,2023.

4. INCRAA- 2009. (as delegate and resented posted presentation)
5. Criticon 2022, 2023 as faculty.
6. ISCCM- Criticare -2013, 2015, (presented a paper) 2016. (as delegate) 2019 (as faculty-conducted airway bronchoscopy workshop) as faculty-2022, 2023, 2024.
7. CME on recent updates of Anesthesia and Critical Care Medicine RMLIMS 2014 (Faculty Post)
8. International congress of International Federation of Infection Control. IFIC-HISICON 2015. (as delegate)
9. 4<sup>th</sup>, 5<sup>th</sup>, 6<sup>th</sup>, 7<sup>th</sup> SGPGI PG assembly 2016, 2017, 2018, 2019. (as Faculty)
10. Workshop on mechanical ventilation RIMS Saifai Etawa 2016. (as Faculty)
11. KGMU PG assembly 2016, 2017, 2022 (as Faculty)
12. 5<sup>th</sup> ISA CENTRAL ZOME PG assembly March 2022.
13. CME on USG guided hemodynamic monitoring and nerve block 29<sup>th</sup> may GSVM Kanpur. 2016. (Faculty post).
14. 5<sup>th</sup> International Conference on Pain Management at Port Blair, Andamans, INDIA on October 21-25<sup>th</sup>, 2016. (Faculty post)
15. ATLS Provider course certification in July 2023.
16. BLS ACLS-AHA accredited certification Provider course in Nov 2023.
17. PALS- IAP certified provider course in March 2024.
18. Mechanical vent workshop in ICACON 2024
19. USG workshop in Criticon 24
20. EMINDIA 2022, 2024 as faculty.
21. ICACON 2024, 2025 as faculty.

### **Paper presented in conferences (during residency)-**

1. Evaluation of the effects of Magnesium sulphate versus clonidine as adjunct to epidural bupivacaine. UP-UK ISACON 2009. (Best paper awardee)
2. Parasitic twins: a case report and anesthetic management. ISACON 2008.
3. Combined Spinal Epidural Technique (CSE) for Urgent Caesarean Section in Patient with Severe Mitral Stenosis with Tricuspid Regurgitation. INCRAA 2009.
4. Comparison between marked versus unmarked introducer needle in real-time ultrasound-guided central vein cannulation-A prospective randomized study. Criticare 2015.

### **COVID -19 related work-**

- Triage in charge in Rajdhani Corona Hospital; Largest COVID 19 setup in UP.

- Chief medical officer liaising officer for SGPGI for admission and shifting of patients inside Lucknow and beyond.
- ICU3 in charge in Rajdhani Corona Hospital; Largest COVID 19 setup in UP.
- Extension for Community Healthcare Outcomes (ECHO) programme teacher for 52 medical college in UP students.

### **Reviewer for-**

Critical Care Medicine

BMJ Case reports,

Journal of Anesthesia

Journal of Clinical Anesthesia.

International Journal of Dermatology.

Journal of Vector Borne Diseases.

Sultan Qaboos University Medical Journal

Medical Journal Dr D Y Patil University, Pune. and many more

### **Life Membership-**

Indian society of Anaesthesia- No-G1010.

Indian society of Critical care medicine- 12/G-421.

Emergency Medicine Association membership- no 2957. Presently Under secretary (UP and UK) EMA.

Society of Acute Care, Trauma and Emergency Medicine- Life member No 24 B 70

STACC - Life Membership No. 220

ICA- Life Membership No.- 2022

CAHO- CAHO/LM/2024/1323 C

### **Area of interest-**

Acute care

Biomarkers in Sepsis, renal dysfunction, brain death

Ultrasonography in ICU.

Epidural anesthesia and analgesia.

Intensive care physiology (Heart lung interaction)

Modern airway devices.

### **Personal details-**

Date of birth- 30.12.1982.

Gender– Male. Nationality- Indian. Civil status- Married.

**Language efficiency-** English, Hindi, Bengali.