

# **GOVERNMENT MEDICAL COLLEGE JALGAON**

## **DEPARTMENT OF ANAESTHESIOLOGY**

**Gmail:anaesthesiajalgaon@gmail.com**

### **Introduction**

*Department of anaesthesiology, GMC Jalgaon was established in the year of 2018. First PG in Anaesthesiology Batch was started in 2023 with 4 seats which is now increased to 5 in the last year. Presently anaesthesia services are provided in 4 modular OTs and 6 speciality OTs. Department has experienced faculty in Anaesthesiology with international qualification of European Diploma in Anaesthesiology and critical care Medicine.*





### **Vision**





*The Department of Anaesthesiology & Critical Care at Government medical college Jalgaon, is committed to becoming a center of excellence in education, research, and clinical practice. We aim to groom undergraduate and post graduate students into professionals who possess both clinical competence and social responsibility, while fostering a research-oriented mindset.*




### **Mission**

**To provide comprehensive modern anaesthesia care at its best.**

## Teaching Faculty

Serial no	Name of faculty	Designation	Qualification	Total teaching experience	Photo
1	<b>Dr.RamakantAlapure</b>	Professor and HOD	MBBS ,MD MMC:090900	21years	
2	<b>Dr.RuturajKakad</b>	Associate Professor	MBBS ,MD MMC 2022086714	10years 7 months	
3	<b>Dr. Rupali Patil</b>	Associate Professor	MBBS ,MD MMC 2009031379	11years 8months	
4	<b>Dr.Amit Hiwarkar</b>	Associate Professor	MBBS ,MD MMC2001020950	7years 6 months	

5	<b>Dr.Harshad Mahajan</b>	Assistant Professor	MBBS ,MD MMC 2016082371	3years 7months	
7	<b>Dr. ChetankumarAdrat</b>	Assistant Professor	MBBS ,MD MMC2015125319	1years 7months	
8	<b>Dr.Vaibhav Solanke</b>	Assistant Professor	MBBS,MD MMC2018073878	1 week	
9	<b>Dr.Krunal Suryavanshi</b>	Senior resident	MBBS,MD,DNB MMC 2018084088	2 years 8months	

<b>11</b>	<b>Dr.Neha Patil</b>	Senior resident	MBBS,MD MMC 2019042553	3 months	
<b>12</b>	<b>Dr.MangeshBavaskar</b>	Senior resident	MBBS,MD MMC 2021043052	2 months	
<b>13</b>	<b>Dr.Abhinav Morkhade</b>	Senior resident	MBBS,MD MMC 2021042433	1 month	

# JUNIOR RESIDENTS

## JUNIOR RESIDENT- 3

DR KULDEEPAKUMAR GOYAL

DR AMRUTA KAGDELWAR

DR KSHITIJA TONAPI

DR TASEEN SIDA A S

DR KRUTIKA CHAUDHARI

## JUNIOR RESIDENT- 2

DR.K MANOHAR

DR.HEMANT DHRUW

DR.SAYALI BALASAHEB NIMASE

DR.SAMIR TADAVI

DR.VIKESH RATHOD

## JUNIOR RESIDENT- 1

1.KOMAL MOHAN MALTHANE

2.NEETA HARGOVIND MOHNANI

3.KOMAL TUKARAM MUNDHE

4.AMOL SANJIVAN LOKHANDE

5.DILIPKUMAR DEVIDAS SHERKHANE

Sr.No	Name	Post
1	Mr.Kailas Sopanrao Shinde	Senior clerk

NAME OF AUTHOR	PUBLICATION TITLE	NAME OF JOURNAL	INDEX	Year
<b>1).DR RAMAKANT GOVINDRAO ALAPURE</b>	1)Evaluation of intubating conditions using dexmedetomidine - fentanyl combination versus dexmedetomidine alone for awake nasal fiberoptic intubation	MedPulse International Journal of Anesthesiology	INDEX COPERNIC US	<b>2019</b>
	2)Airway management in a case of cystic swelling at the base of tongue	National journal of medical science	Scopus	<b>2014</b>
	3)Clinical profile and management of organophosphorus poisoning	Indian medical Gazette		<b>2007</b>
	4)A study of Airtraq versus Macintosh laryngoscope with respect to hemodynamic changes and duration of successful tracheal intubations	MedPulse International Journal of Anesthesiology	INDEX COPERNIC US	<b>2020</b>
	5)Clinical study on perioperative iv lignocaine infusion on post operative analgesia in patients undergoing surgery for	INDIAN JOURNAL OF APPLIED RESEARCH	Pubmed	<b>2024</b>

	gastrointestinal malignancies			
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<b>2)Dr.Raturaj Kakad</b>	1.comparitive study between dexmedetomidine and clonidine as adjuvant to bupivacaine in brachial plexus block in orthopaedic surgeries	Journal of contemporary medicine and dentistry	Index Copernicus	<b>2015</b>
	2.Percutaneous cycstolithotripsy in children and its outcome:A single centre experience	Indian journal of child health	Scopus	<b>2018</b>
	3.Short term result of single short epidural injection in patients with lumbar canal stenosis	International Journal of Research and Review (IJRR)	Index Copernicus	<b>2019</b>
	4.Assessment of Diastolic dysfunction among Asymptomatic type 2 diabetes mellitus patients using 2D echocariography	MEDPLUS INTERNATIONAL JOURNAL OF MEDICIN	Index Copernicus	<b>2021</b>

<b>3)Dr.Rupali Patil</b>	1.Evaluation of efficacy of dexmedetomidine in providing haemodynamic stability during intraoperative and postoperative period in patients undergoing Total laparoscopic hysterectomy.	International Journal of Health and Clinical Research	Google Scholar	<b>2021</b>
	2.Comparative evaluation of two doses of clonidine as adjunct to Ropivacaine in supraclavicular brachial plexus block	Indian Journal of Basic and Applied Medical Research		<b>2016</b>
	3. Comparative study to evaluate anesthetic effect of Thiopentone Sodium and Propofol in electroconvulsive therapy	International Archives of integrated medicine	EMBASE	<b>2015</b>
	4. Role of Hysterectomy as a Better Alternative in Invasive Mole	International Journal Dental and Medical Sciences Research		<b>2021</b>
	5. A case series of four cases of atypical ectopic pregnancies.	International Journal of Health		

		and Clinical Research	INDEX COPERN ICUS	
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	<p>6. Total laparoscopic hysterectomy:descriptive study of institutional experience in 73 cases. casesCaesarean section in a patient diagnosed</p>	<p>International Journal Dental and Medical Sciences Research</p>		<p><b>2021</b></p>
	<p>7. Laparoscopic detorsion of twisted ovarian adnexa and fertility preservation– A prospective Study</p>	<p>International Journal of Health and Clinical Research</p>		<p><b>2021</b></p>

<b>4)</b> <b>Dr.Amit</b> <b>Hiwarkar</b>	1.To Compare the efficacy of intrathecal 0.75% heavy Ropivacaine and 0.5% Bupivacaine for lower abdominal and lower limb surgery	Research Journal of Medical Sciences 2023	EMBASE	<b>2023</b>
	2. Duration of postoperative analgesia : Across sectional comparison between Hyperbaric bupivacaine and Ropivacaine in infraumbilical surgeries	Research Journal of Medical Sciences 2023	EMBASE	<b>2023</b>
	3. Child with congenital hypothyroidism posted for emergency surgery- Anaesthesia challenges.	South Asian Journal of Health professional	INDEX COPERNICUS	<b>2024</b>
	4.Pain relief in Proximal femur fracture patients between USG Guided fascia Iliaca compartment block versus USG guided femoral nerve block : A randomised control study	International Journal of current Pharmaceutical Review And Research	EMBASE	<b>2025</b>
	5.Spinal anaesthesia in an emergency lower			<b>2025</b>

	<p>segment Caesarean section in a patient diagnosed with cutaneous neurofibromatosis : A case report</p>	<p>International journal of Advanced multidisciplinary Research and studies</p>	<p>Google Scholar</p>	
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<b>5) Dr.Harshad Mahajan</b>	1.To Compare the efficacy of intrathecal 0.75% heavy Ropivacaine and 0.5% Bupivacaine for lower abdominal and lower limb surgery	ASIAN JOURNAL OF MEDICAL SCIENCES 2023	DOAJ/ INDEX COPERNIC US	<b>2023</b>
	2.A Comparative Study of Haemodynamic Stability between Transverse Abdominis Block and Ilioinguinal Nerve Block in Adult Inguinal Hernia Surgeries	International Journal of Life Sciences, Biotechnology and Pharma Research	EMBASE	<b>2024</b>
	3.Transverse Abdominis Block versus Ilioinguinal Nerve Block in Adult Inguinal Hernia Surgeries: An Analytical Comparision of Analgesic Efficacy and Adverse Effects	International Journal of Life Sciences, Biotechnology and Pharma Research	EMBASE	<b>2024</b>
	4.A Year of Painful and Sleepless Nights in Geriatric Case!!! Due to Post Herpetic Neuralgia (PHN)-?	International Journal of Innovative Science		<b>2025</b>

	Can be Managed with Para-Vertebral Block	and Research Technology		
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<b>6)</b> <b>Dr.Chetankumar</b> <b>Adrat</b>	1.Anaesthetic management of a patient with Parkinsondisease ina coronary artery bypass graft	Journal of cardiovascular disease research	<b>2023</b>
	2.Management of metastatic CA pancreas pain in post chemotherapy , radiotherapy patient with combination of neural interventions ( oral neuromodulators, peripheral nerve blocks) and muscular intervention USGDN	Journal neuromodulation 2023	<b>2023</b>
	3.Comparative study of effectiveness of EMLA cream and Lidocaine patch on peripheral intravenous cannulation pain in patients posted for elective surgeries.	Research journal of Pharmacology2024	<b>2024</b>
	4.Study to assess the onset and duration of sensory and motor block	Research journal of Medical Sciences2024	<b>2024</b>

	<p>in both groups (IV Dexamethasone compared to normal saline ) in patients undergoing below umbilical surgeries</p>	<p>International journal of Life sciences ,biotechnology ,and pharma research</p>		
	<p>5.Study of clinical course ,outcome and causes of mortality among obstetric patients admitted to post anaesthesia care unit at tertiary hospital</p>	<p>Journal of Contemporary Clinical Practice</p>		<p><b>2025</b></p>
	<p>6.Comparative Study of Ease of Placement and Perioperative Complications of Supraglottic Airway Device in I-Gel and LMA – ProsealIn Pediatric Patients Posted For Infraumbilical Surgeries</p>	<p>International Journal of Life Sciences, Biotechnology and Pharma Research</p>		<p><b>2025</b></p>
	<p>7.Knowledge and perception of anaesthesiology as a branch of medical science</p>	<p>International Journal of Innovative Science</p>		<p><b>2025</b></p>

	<p>and anaesthesiologists' role and expertise among patients attending anaesthesia OPD in tertiary care centre in north Maharashtra in India</p> <p>8.A Year of Painful and Sleepless Nights in Geriatric Case!!! Due to Post Herpetic Neuralgia (PHN)-? Can be Managed with Para-Vertebral Block</p> <p>9.Anaesthesia Management of an Elderly Patient with a Rare "Left Ventricular Pseudo-Aneurysm" Posted for Non-Cardiac Surgery -Case Report</p>	<p>and Research Technology</p> <p>International Journal of Innovative Science and Research Technology</p>		
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<b>7) Dr.Krunal Suryavanshi</b>	1. Anaesthesia Management of Case of Atrial Septal Defect (Cardiac Disease) for Proximal Humerus Fracture (Non-Cardiac Case)	Archives of Anesthesiology and Critical Care		<b>2022</b>
		Archives of Anesthesiology and Critical Care		<b>2022</b>
	2. Total Intravenous Anaesthesia for Intraoperative Neuromonitoring in a Child With Tethered Cord: A Case Report	Indian Journal of applied research		<b>2023</b>
	3. Continuous spinal anaesthesia: a promising technique for prolonged lower limb orthopaedic surgeries			

<b>8) Dr.Vaibhav Solanke</b>	1.Study to compare the efficacy of C-MAC video laryngoscope with conventional direct laryngoscope using miller's blade 0 for neonatal intubation at tertiary care hospital	Journal of Cardiovascular Disease Research	<b>2023</b>
	2. Biomedical Waste Management: A Study On Assessment Of Knowledge, Attitude And Practices Among Anaesthesiologists	Journal of Cardiovascular Disease Research	<b>2023</b>
	3. Case of Spina Bifida Occulta posted for emergency Above knee Amputation –Can spinal anaesthesia be given?	International journal of recent Advances in multidisciplinary Research.	<b>2025</b>
	4. Comparative Study of Ease of Placement and Perioperative Complications of Supraglottic Airway Device in I-Gel and LMA – ProsealIn Pediatric	Journal of Contemporary Clinical Practice	<b>2025</b>
		International Journal of	

	<p>Patients Posted For Infraumbilical Surgeries</p> <p>5.A Year of Painful and Sleepless Nights in Geriatric Case!!! Due to Post Herpetic Neuralgia (PHN)-? Can be Managed with Para-Vertebral Block</p>	<p>Innovative Science and Research Technology</p> <p>International Journal of Innovative Science and Research Technology</p>		<p><b>2025</b></p>
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## **Non teachingStaffPUBLICATIONS**

### **ACHIEVEMENTS**

**First Government Medical College to start the daily pre-anaesthesia OPD-March 2023**

**4 CPS-DA graduated from the Anaesthesia Department GMC Jalgaon.**

**D. Amit Hiwarkar- Secretary Indian Society of Anaesthesiology, Jalgaon branch.**

**Dr.Ruturaj Kakad: Faculty in International rotary VTT mission Addis Ababa Ethiopia 2024.**

**Conducted COLS activity week 15-21 Oct 2023 and created BLS awareness in 1200 public Population.**

**Celebrated World Anaesthesia Day on October 16 2024.**

**Conducted COLS activity for Officers and Employers of the Commissioner's Office of Jalgaon.**

**Dr.Krunal Suryavanshi - Diplomate of National Board Anaesthesiology**

**Dr.Pranjal Pimparkar- Selected for fellowship in paediatricanaesthesia in Bai Jerbai Wadia Hospital for Children, Mumbai.**

**Dr. Amruta Kagdelwar - Received 3rd prize in paper presentation at SONOAIR conference held at Dr. Vitthalrao Vikhe Patil medical college, ahilyanagar.**

**Dr. Kshitija Tonapi- Paper got selected as top 10 in award winning paper presentation in 51 st Annual Conference of Research society of B.J government medical college and Sassoon General hospital Pune 2025.**

### **SERVICES**

Daily Pre Anaesthesia OPD (annual OPD 2800 , YEAR 2023)

Anaesthesia Services for All specialties: General surgery, Pediatric surgery orthopaedics, spine surgery, THR,TKR, OBGY , Oral Surgery, ENT, Ophthalmology, Oncosurgery,

Pain Clinic & Pain Services

24x7 Emergency Services

ICU services,TICU Services

### Any other Information:

Well established modular OT.

Anaesthesia Department is well equipped with modern work stations, all difficult airway equipment including video laryngoscope and fibre optic bronchoscope and portable ventilators.

Department is giving training for UG and PG students in skill lab, simulation lab and autonomous Human Lung Simulator.

Regular BLS training for Interns Doctors and Nursing Students.

### RESEARCH PROJECTS

Anaesthesia department is conducting various non-dissertation research projects this year focussing on public awareness studies, geriatric anaesthesia, psychiatric illnesses and pain specialties studies.

1. Prospective Comparative Observational Study of Efficacy and safety of Paravertebral Block on Postherpetic Neuralgia (PHN) in elder patient with oral medication in tertiary care centre.
2. A cross sectional study of knowledge, attitude and practices about anaesthesiaspeciality among MBBS intern Doctors.
3. Knowledge and perception of Anaesthesiology as a branch of medical science and Anaesthesiologists role and expertise among patients attending anaesthesia OPD in tertiary care centre in India.
4. Assessment of risk factors of psychiatric illness in patients in tertiary care Hospital.
5. Knowledge, attitude and practices about long term outcomes among chronic  
Prospective observational study of association and correlation of preoperative Electrocardiography changes during anaesthesia management among older (age>60 years) surgical patients in tertiary care centre.
6. A prospective observational study of comparison of preoperative and postoperative functional and cognitive assessment in geriatric patients (age>60 years)
7. Knowledge, attitude and practices about long term outcomes among chronic alcoholic patients admitted in tertiary care hospital - Descriptive qualitative study.
8. Comparative study of bupivacaine and bupivacaine and dexmedetomidine as adjuvant in transverses abdominis plane block for postoperative analgesia in patients undergoing open hernioplasty.

## Departmental Activities-2026

**CME on SEGMENTAL SPINAL ANAESTHESIA on 1<sup>st</sup> March 2026**-Under the guidance of Dr.Naresh Paliwal

## Departmental Activities-2025

Guest lecture by Dr.Devendra R Chaudhari on the topic -Role of USG in anaesthesia on the occasion of World Anaesthesia Day 2024.

Participating regularly in spine surgery camp conducted by Spine Foundation Mumbai under Dr.Shekhar Bhojraj in GMC Jalgaon.

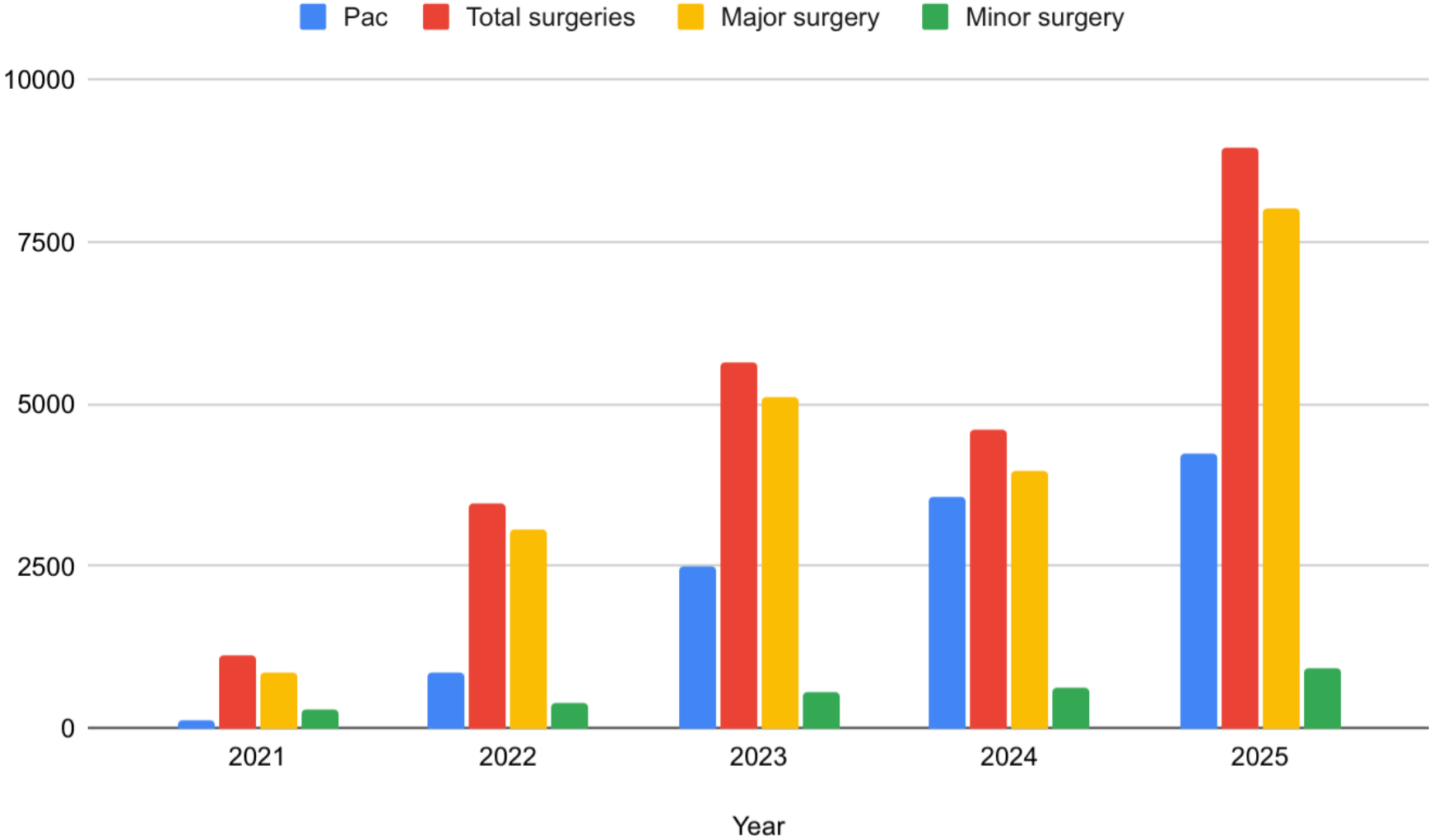
Participated in a Plastic surgery camp conducted by Bhartiya Jain Sanghatana (**BJS**) in GMC Jalgaon from January 16 to 18.

Conducted ISCCM preceptorship programme on 19 January and taken guest lecture on approach to the difficult airway by Dr.Amit Hiwarkar.

Conducted MUHS affiliated Basic Life Support and basics of Advance Cardiac Life Support on 29<sup>th</sup>& 30<sup>th</sup> March 2025 for 50 Post Graduate students.



2021, 2022, 2023, 2024 and 2025



Yearly Statistics



# PHOTO GALLERY

## ANAESTHESIOLOGY OPD

## WELL-EQUIPPED MODULAR OTS



# **PAIN OPD AND PAIN CLINICS AND PROCEDURES**



# 16<sup>th</sup> October 2023 World anaesthesia day 2023.



# SPINE SURGERY CAMP

Anaesthesia services for regular spine surgery camp in collaboration with Spine Foundation , Mumbai.



# COCHLEAR IMPLANT SURGERY





# KYPHOSCOLIOSIS

**Surgery-Correction and Fixation of kyphoscoliosis  
at  
T8-L4 level.**



# CME SEGMENTAL SPINAL ANAESTHESIA



2026

## Basic Life Support and basics of Advance Cardiac Life Support on 29<sup>TH</sup> &30<sup>TH</sup> MARCH 2025



# CPR AWARENESS WEEK



# PLASTIC SURGERY CAMP



**Basic Life Support and basics of Advance Cardiac Life Support on 14th & 15th March 2026 At Nandkumar Singh Chouhan ,GMC KHANDWA MADHYAPRADESH**



# ACHIEVEMENTS

**Dr. Amit Hiwarkar**  
**Professor and HOD**  
**Department of Anaesthesiology**  
**GMC , Jalgaon**

- Received Presidents Appreciation Award for dedicated work for Jalgaon Anaesthesiologists Society At State ISACON MAHARASHTRA 2025
- Secretary of ISA jalgaon from 2023 to 2025....now governing council member of SAMS.
- Member of Indian Society Of Critical Care Medicine ISCCM
- Had two national and two international publications.

**Dr. Amruta Kagdelwar**



# **Junior Resident 3**

## **Department of Anaesthesiology**

### **GMC , Jalgaon**

Achieved 3rd prize in paper presentation at SONOAIR conference held at Dr. Vitthalrao Vikhe Patil medical college, ahilyanagar.



**Dr. Kuldeep Kumar**  
**Junior Resident 3**  
**Department of Anaesthesiology**  
**GMC ,Jalgaon**

Poster Presentation at 21 st North  
Zone ISACON 2026 held at  
PGIMS,Rohtak



**Dr. Kshitija Tonapi**

**Junior Resident-3**

**Department of Anesthesiology, GMC  
Jalgaon**

Case presentation done in BJ  
Medicalcollege annual conference ,  
Maharashtra, Pune



**Dr. Taseen Sida A.S**

**Junior Resident-3**

**Department of Anesthesiology,  
GMC Jalgaon**

Paper presentation done in  
ISACON 2025, Maharashtra,  
Mumbai

