



CONNAISSANCE

Fifth International Undergraduate Medical Students' Conference
JIPMER, Puducherry, India



CONNAISSANCE 5.0: The Scientific Renaissance

Conference Report

Highlights

CONNAISSANCE 2023, a transformative three day conference, organized at Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), Puducherry. Total Number of registrations 1458. Total number of events: Scientific and Academic events: 8 (Oral Paper Presentation, Poster Presentation, Inventio: Research idea presentation, Clinical Case presentation, Student Symposium, Conquest: The Medical Quiz, Qrious: The Research Quiz, Model Health Assembly), Workshops: 22 (with hands on experience in various departments from Anatomy to Biostatistics), Eminent Guest lectures: 8 (Dr. Manoj Murhekar, Padmashri Dr. Nalini Parthasarathy, Dr. Vikas Menon, Dr. Vikas V, Prof. V Srinivasa Chakravarthy, Dr. Vikram Kate, Adv. Dr. Arun Mishra, Dr. Rakesh Aggarwal).

Introduction

In the pursuit of excellence in the field of medicine, education and knowledge are the guiding beacons that illuminate the path towards a brighter future. CONNAISSANCE 2023, the three-day Conference, specifically designed for undergraduate medical students, epitomized this quest for knowledge and served as a catalyst for inspiration and professional growth. Held at the Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER) in Puducherry, this conference brought together a confluence of young minds driven by a passion for medicine.

We have witnessed a total of 1458 registrations for various workshops and scientific events organized during the Conference

Against the backdrop of JIPMER's rich heritage and sterling reputation, Connaissance unfolded as a transformative event that aimed to empower and equip future doctors with the requisite skills and insights needed to navigate the ever-evolving landscape of medicine. The conference provided a platform for undergraduate medical students from across the country to gather, exchange ideas, and engage in stimulating discussions, fostering an environment of collaboration and learning.

Throughout the event, participants were treated to a diverse array of sessions, workshops, and lectures delivered by distinguished faculty members, renowned experts, and esteemed practitioners in their respective fields. The agenda encompassed a broad spectrum of medical topics, ranging from cutting-edge research advancements to clinical case studies, presentations, and the art of compassionate patient care.



Guest Speakers

23rd June 2023

Inauguration and Keynote speech

Time: 09:00 am – 10:00 am

Venue: APJ Abdul Kalam Auditorium

Chief Guest: Dr. Manoj Murhekar, Director, ICMR-National Institute of Epidemiology (NIE), Chennai

The keynote addresses by Dr. Manoj Murhekar, served as a beacon of inspiration, igniting a flame of passion and dedication within each attendee. The theme of the conference was “Ideas in Melius” which means Ideas for better healthcare.

Guest Lecture 2: Padmashri Dr. Nalini Parthasarathy

Time: 11:00 am – 12:00 pm

Venue: APJ Abdul Kalam Auditorium

Respected Professionals like Padmashri Dr. Nalini Parthasarathy shared her valuable insights, experiences and journeys, highlighting the challenges and opportunities that lie ahead in the realm of healthcare through her talk titled, “My journey with the Hemophilia Society”

Guest Lecture 3: Dr. Vikas Menon, Professor, Department of Psychiatry, JIPMER

Time: 03:00 pm – 04:00 pm

Venue: APJ Abdul Kalam Auditorium

Dr. Vikas Menon delivered an interesting lecture on Digital Psychiatry titled “Digital Mental Initiatives in India: Recent Advances and Real-World Challenges”

24th June 2023

We had expert talks in the field of Neurosurgery by Dr. Vikas V from NIMHANS and Computational Neurosciences by Prof. V Srinivasa Chakravarthy from IIT Madras which attracted many students.

Guest Lecture 4: Dr. Vikas V, Professor, Department of Neurosurgery, NIMHANS, Bengaluru

Time: 09:00 am – 10:00 am

Venue: APJ Abdul Kalam Auditorium

Topic: Connecting AI to Robotic Neurosurgery: Tech from drawing board to prototype

Guest Lecture 5: Prof. V Srinivasa Chakravarthy, Department of Computational Neurosciences, IIT Madras

Time: 02:30 pm – 04:00 pm

Venue: APJ Abdul Kalam Auditorium

Topic: Simplifying the Brain- On the need for Reforms in Brain Theory

25th June 2023

The third day of Connaissance has been a glimpse to the entirety of the past two unforgettable days where the winners presented their work which won excellence positions in various scientific and academic events.

We had insightful lectures on scientific paper writing by Dr. Vikram Kate, Dean Academic, JIPMER, medicolegal awareness by Adv. Dr Arun Mishra and finally the most awaited talk on Medical Research, an end unto itself or a chance of improving lives by Dr. Rakesh Aggarwal, Director, JIPMER.

Guest Lecture 6: Dr. Vikram Kate, Dean Academic, JIPMER, Puducherry

Time: 09:00 am – 10:00 am

Venue: APJ Abdul Kalam Auditorium

Topic: How to write a Scientific paper: Step by step guide for students

Guest Lecture 7: Adv Dr. Arun Mishra, Medicolegal Expert, Supreme Court Lawyer

Time: 11:00 am – 12:30 pm

Venue: APJ Abdul Kalam Auditorium

Topic: Medico legal Awareness Including Criminal, Civil, Medical Council Liabilities with defences.

Guest Lecture 4: Dr. Rakesh Aggarwal, Director, JIPMER, Puducherry

Time: 5:30 pm – 06:20 pm

Venue: APJ Abdul Kalam Auditorium

Topic: Medical research: An end unto itself or a means to improve lives

Scientific Events:

23rd – 25th June 2023

1. **Model Health Assembly** was organized at JIPMER Academic Centre (JAC). A total of 30 delegates participated in 5 sessions that span over a period of 3 days. On 23rd June, MHA session was held at Lecture Hall 1 JAC, and the rest 3 sessions on 24th and 25th June happened in JAC Mini Auditorium. Chairperson and co-chairperson for the 5 sessions were Mr. Ananyan Sampath and Mrs. Meena Iyer respectively from the Chennai Bengaluru Model United Nations (MUN) circuit

23rd June – Afternoon

1. **Oral Paper Presentations** took place at 3rd floor lecture hall in JISPH. 14 participants presented their original research to a panel of judges consisting of Dr. Nanda Kishore Maroju, Dr. Adhisivam, and Dr. Suganthi.
2. **Student Symposiums** were held in 2nd floor lecture hall in JAC. Participants presented 3 Symposiums each in Medicine, Surgery, Obstetrics & Gynecology, and Pediatrics. Students used innovative teaching methods to better deliver education to undergraduate medical students.

24th June – Forenoon

1. **Inventio** – Research Idea Presentation – 10 teams competed to present their original innovative ideas to solve public health problems, by suggesting a workable model and a business strategy for the same. They were assessed by a panel which included the Director and the Dean Research. It was held in the Orthopedics Board Room.
2. **Qrious** – The Research Quiz – The quiz was conducted at 3rd floor lecture hall in JISPH. 20 teams competed in the preliminary round, with questions from epidemiology, biostatistics and research methodology. Top six teams were selected for finals, which was hosted by Dr. Gautam Roy, and the winners were selected after 5 grueling sets of questions.
3. **Poster Presentations:** 25 participants were selected to present their original research papers as posters at the APJ Auditorium, which were then critically analyzed by Dr. Medha and Dr. Haritha during the poster walk.

Academic Events:

1. Conquest: The Medical Quiz

Prelims: 24th June 10 am – 1 pm

Finals: 25th June 9:30 am – 2:45 pm

Venue: JAC third floor lecture hall

62 participants participated in this engaging quiz as they put their medical knowledge to test. The quizmasters for this Medi quiz were Dr. Venkateshwaran, Additional Professor, Medicine, Dr. Jayaram, DM Neurology, Dr. Amarnath, JR, Medicine and Dr. John Emmanuel, JR, Pediatrics.

2. Clinical Case Presentation

Date: 24th June

Time: 2:30 pm – 6 pm

Venues: Case Presentations for the 4 different subjects went on simultaneously at 4 different venues.

1. Pediatrics- JAC first floor lecture hall
2. Surgery – JAC second floor lecture hall
3. Medicine – JAC third floor lecture hall
4. Obstetrics and Gynecology – JISPH third floor lecture hall

Number of participating teams (Who have applied for different subjects):

1. Pediatrics – 33
2. Surgery – 44
3. Medicine - 42
4. Obstetrics and Gynecology- 18

10 teams were selected from each subject for presentation. Students put to test their clinical knowledge as they presented various cases from the 4 final year subjects.

Judge Panel:

1. Pediatrics – Dr. Venkatesh, Dr. Bobbity Deepthi
2. Surgery – Dr. Vishnu Prasad, Dr. Sudarshan
3. Medicine – Dr. Deepanjali, Dr. Ramadoss
4. Obstetrics and Gynecology – Dr. Latha, Dr. Veena

Workshops:

A total of 22 workshops were conducted over a span of 2 days, to maximize the knowledge and clinical experience that students from various medical colleges across the country could gain.

Name of the Workshop	Organising Department	Venues	Number of slots	Duration	Total Participants	Date
Art and Science of Biochemical Investigations	Clinical Biochemistry	Department of Biochemistry – Seminar Room, 2 nd floor JAC	1	4 hours	41	23 FN
Sections Made Easy	Anatomy	Department of Anatomy – Seminar Room, Ground floor JAC	1	4 hours	30	24 FN
Digital tools in Omics and Primer Designing	Pharmacology	Department of Pharmacology Seminar Room-2, Institute Block 3 rd floor	2	4 hours	40	23 FN/ AN
Biopsy and Tissue Processing	Pathology	Department of Pathology, Institute Block	2	4 hours	50	23 FN/ AN
Medicolegal Examination and Documentation	Forensic Medicine and Toxicology	Physiology Lecture Hall and Life style Modification Lab, 1 st floor JAC	1	4 hours	40	24 FN
Research Methodology	Preventive and Social Medicine	MPH Hall - 1, 1 st floor JISPH	1	4 hours	42	23 FN
Scientific Paper Writing	Preventive and Social Medicine	MPH Hall - 1, 1 st floor JISPH	1	4 hours	40	23 AN
Basic Clinical Biostatistics	Biostatistics	MPH Hall - 1, 1 st floor JISPH	1	4 hours	40	24 AN
Hands on Ophthalmology	Ophthalmology	Ancillary Hall Beside JAC 3 rd floor lecture hall	1	8 hours (Full Day)	20	24
ECG	General Medicine	EM Seminar Room, EMS Ground Floor	1	4 hours	31	23 AN
ABG	General Medicine	Department of Medicine Seminar Room, 3 rd Floor IPD	1	4 hours	30	24 AN
Clinical Skills	General Medicine	Department of Medicine Seminar	1	4 hours	35	24 FN

		Room, 3 rd Floor IPD				
Basic Surgical Skills	General Surgery	NTTC Hall - 1, JAC 4 th floor	2	4 hours	54	24 FN/ AN
Safe Delivery of Babies	Obstetrics and Gynecology	OG Skills Lab, WCH 1 st floor	2	4 hours	60	23 FN/ AN
Gynecological Care	Obstetrics and Gynecology	OG Skills Lab, WCH 1 st floor	1	4 hours	30	24 FN
Neonatal Resuscitation Training	Neonatology	IC Verma Hall, WCH 1 st floor	2	4 hours	50	23 FN/ AN
Splints and Plaster	Orthopedic Surgery	Exam Hall 3, JAC 4 th Floor	1	4 hours	30	24 FN
Neuro-investigations	Neurology	MPH Hall - 1, 1 st floor JISPH	1	4 hours	30	24 FN
Bio design and Innovation	Dr. Ramesh A	NTTC Hall-1, JAC 4 th floor	1	8 hours (Full day)	25	23
Basic Radiology	Radiodiagnosis	PACS and SGE Simulation Lab, IPD 1 st floor	2	4 hours	60	23 FN/ AN
Pulmonary Function Test	Pulmonary Medicine	JAC 3 rd floor lecture hall	2	4 hours	60	23 FN/ AN
Basic Life Support (AHA)	Emergency Medicine and Trauma Care	Exam Hall 1, JAC 4 th floor	8	2 hours	200	23/ 24

- FN – Forenoon
- AN – Afternoon

JIPMER CONNAISSANCE 5.0

Theme: Ideas for Better Healthcare

INAUGURATION

Venue: APJ Abdul Kalam Auditorium

Date: 23/06/2023 Time: 09:00 to 09:50 AM

Time	Event
09:00 – 09:05 AM	Invocation
09:05 – 09:10 AM	Welcome Address Mr. Souhardya Nandi, Event Coordinator
09:10 – 09:15 AM	Address about Connaissance Dr. DM Thappa Dean Research, JIPMER
09:15 – 09:20 AM	Address to UG Students Dr. Vikram Kate Dean Academics, JIPMER
09:20 – 09:25 AM	Introduction to the Chief Guest Dr. Rakesh Aggarwal, Director, JIPMER Felicitation of Chief Guest Mr. Koustav Biswas, Organizing Secretary
09:25 – 09:45 AM	Keynote Speech Dr. Manoj Murhekar Director, National Institute of Epidemiology, Chennai
09:45 – 09:50 AM	Vote of Thanks Mr. Aravind Shyam, Conference Facilitator
National Anthem, Refreshments	

Date: 23/06/2023

Time	Event
11:00 – 12:00 PM	Introduction to Guest Lecturer 2 Arjun Pant, Master of Ceremony
11:05 – 12:00 PM	Talk By Guest Lecturer: Dr. Nalini Parthasarathy Topic: My journey with the Hemophilia Society
12:00 – 12:05 PM	Vote of Thanks Mr. Arvind Shyam, Conference Facilitator Felicitation of Dr. Nalini Parthasarathy Mr. Koustav Biswas, Organising Secretary
12:10 – 03:00 PM	Lunch
03:00 – 03:05 AM	Introduction to Guest Lecturer 3 Mr. Arvind Shyam, Conference facilitator
03:05 – 04:00 AM	Talk By Guest Lecturer: Dr. Vikas Menon Topic: Digital Mental Health Initiatives in India: Recent advances and real-world challenges
04:00 – 04:05 AM	Vote of Thanks Mr. Arvind Shyam, Conference Facilitator Felicitation of Dr. Vikas Menon Mr. Koustav Biswas, Organising Secretary
Refreshments	

Date: 24/06/2023

Time	Event
09:00 – 09:05 AM	Introduction to Guest Lecturer 4 Mr. Zaheed Sahid Iqbal, Master of ceremonies
09:05 – 10:00AM	Talk By Guest Lecturer: Dr. Vikas V Topic: Connecting AI to Robotic Neurosurgery; Tech from drawing board to prototype
10:00 – 10:05AM	Vote of thanks Mr. Arvind Shyam, Conference Facilitator Felicitation of Dr. Vikas V Mr. Koustav Biswas, Organising Secretary
Refreshments	

Time	Event
02:00 – 02:05 PM	Introduction to Guest Lecturer 5 Mr. Zaheed Sahid Iqbal, Master of Ceremony
02:05 – 03:00 PM	Talk By Guest Lecturer: Dr. V Srinivasa Chakravarthy Topic: Simplifying the brain-On the need of reforms in Brain Theory
03:00 – 03:05PM	Vote of thanks Mr. Arvind Shyam, Conference Facilitator Felicitation of Dr. V Srinivasa Chakravarthy Mr. Koustav Biswas, Organising Secretary
Refreshments	

EXPO Day 3: 25/06/2023

Time	Event
09:00 – 09:05 AM	Invocation and National Anthem Including lighting of the Lamp
09:05 – 9:10 AM	Introduction to Guest Lecturer 6 Mr. Arjun Pant, Master of Ceremony
09:10 – 10:00 AM	Talk By Guest Lecturer: Dr. Vikram Kate Topic: How to write a scientific paper: Step by step guide for Students
10:00 – 10:05 AM	Vote of Thanks Mr. Arvind Shyam, Conference Facilitator Felicitation of Dr. Vikram Kate Mr. Koustav Biswas, Organising Secretary
10:05 – 10:30 AM	Refreshments
10:30 – 11:30 AM	Paper Presentation by winners / Poster Presentation by winners
11:30 – 11:35 AM	Introduction to Guest Lecturer 7 Mr. Arjun Pant, Master of Ceremony
11:35 – 12:30 PM	Talk By Guest Lecturer: Adv. Dr. Arun Mishra Topic: Medico legal Awareness including Criminal, Civil, Medical Council liabilities with defenses
12:30 – 12:35 PM	Vote of Thanks Mr. Arvind Shyam, Conference Facilitator Felicitation of Dr. Arun Mishra Mr. Koustav Biswas, Organising Secretary
01:00 – 02:00 PM	LUNCH

Time	Event
02:00 – 03:00 PM	Student Symposium of Winners
03:00 – 04:00 PM	Case Presentation by Winners
04:00 – 04:30 AM	Refreshments
04:30 – 05:30 PM	Inventio Presentation by Winners
05:30 – 05:35 PM	Introduction to Guest Lecturer 8 Mr. Arjun Pant, Master of Ceremony
05:35 – 06:25 PM	Talk By Guest Lecturer: Dr. Rakesh Aggarwal Topic: Medical research: An end unto itself or a means to improve lives
06:25 – 06:30 PM	Vote of Thanks Mr. Arvind Shyam, Conference Facilitator Felicitation of Dr. Rakesh Aggarwal Mr. Koustav Biswas, Organising Secretary
06:30 – 07:30 PM	Valedictory Ceremony

JIPMER CONNAISSANCE 5.0

Theme: Ideas for Better Healthcare

Valedictory Ceremony

Venue: APJ Abdul Kalam Auditorium

Date: 25/06/2023

Time: 06:30 to 07:30 PM

Time	Event
06:30 – 06:35 PM	Invocation
06:35 – 06:40 PM	Welcome Address Mr. Souhardya Nandi, Event Coordinator
06:40 – 06:50 PM	Connaissance Report Koustav Biswas, Organising Secretary
06:50 – 07:15 PM	Prize Distribution Dr. Latha Chaturvedula, Dr. Vikram Kate, Dr. D M Thappa, Dr. Rakesh Aggarwal
07:15 – 07:20 PM	Valedictory Speech by Chief Guest Dr. Rakesh Aggarwal, Director, JIPMER
07:20 – 07:25 PM	Vote of Thanks Mr. Aravind Shyam, Conference Facilitator
National Anthem, Refreshments	

CONNAISSANCE 5.0 Organising Committee

Committees	Signatories	Registration No.	Contact Details
Organizing Secretary	Koustav Biswas	111911075	8017566290
Conference Facilitator	Arvind Shyam	111911023	6901226477
Event Coordinators	Souhardya Nandi	111911133	9007259842
	Ashwin Chinnappan	111911028	9080103833
Finance Committee	Aravindan A (Head)	111911018	7708366369
	Aroul Murugan M (Co Head)	111911021	6385556332
Scientific Committee	Sairam Baramkula (Head)	111911116	9886309270
	Piyush Aggarwal	111911102	8287823678
Academics Committee	Srimathi K	111911135	9360949235
Workshop Committee	Subhabrata Ghosh (Head)	111911137	9150559641
	Arpit Gupta (Co Head)	211911009	7426083683
	Kayathi Rohan Reddy (Co Head)	111911072	9494410385
Stage and Venue Committee	Alan S Roy	111911010	7594947165
Transport Committee	Krishna Prasad	111911076	9487712834
PR and Registration Committee	Shriram Sudarshan Mahabal (Head)	111911130	9823168968
	Harikrishnan Vinod (Co Head)	111911055	8281723308
Technical Committee	Saahil Nizamudeen (Head)	111911114	9072319984
	Hamid Hussain (Co Head)	111911053	8943487600
Design Committee	Jayadeep Babu	111911065	7902619610
	Hamdan Rishin	111911052	9645902540
Website Committee	Jaidev Menon	111911062	8075953936
	Nahal Rahman C P	111911090	9400190353
Food and Catering Committee	Subaash M	111911136	8870121894
Security Committee	Anurag Sarkar	112111017	8118999251
Prize Committee	Dev Brijesh	112111042	6384599391
Informals	Joe Peter Prince	112111078	8281823643
Miscellaneous	Shaktivelan S (Head)	111911125	6382040626