



SOCIETY FOR CONTINUING MEDICAL EDUCATION & RESEARCH (SOCOMER)

KIMSHEALTH, Trivandrum

ANNUAL REPORT 2021



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PREFACE



PROF. G. VIJAYARAGHAVAN

Vice - Chairman &
Director - Medical Services,
Dean - Academics &
President - SOCOMER
KIMSHEALTH, Trivandrum, Kerala



DR. P.M. SAFFIA

Vise Dean - Academics
KIMSHEALTH, Trivandrum, Kerala

The last 2 years were clouded by the Covid epidemic and all its problems. Yet for “KIMSHEALTH,” the year 2021, witnessed a resurgence of academic activities. Much in keeping with the trend, neonatology department topping the list of publications, it excelled in the current year too. The numerous challenges they encountered at the bedside were responsible for 15 publications and the department deserve congratulations for their academic achievements. Covid and its problems were analysed by the internal medicine, respiratory and infectious disease departments in their publications. The general surgery department had 8 publications and we congratulate the faculty members of these departments. Altogether, we had 68 publications in indexed journals in 2021, a remarkable achievement indeed! Our faculty was invited to contribute 11 chapters in various text books and this is a sign of the respect and recognition that they have earned at the national level.

With the academic committee moving on to the web based platform for educational activities, we started a monthly CME program with the co-operation of Indian Medical Association and other speciality organisations. We did 5 such CMEs in 2021 and the attendance for the web based programmes turned out to be much more than expected. These programmes from various departments have been appreciated by the doctor community and is being continued without interruption, every first Thursday of the month. This is in addition to the CME programmes organised by various departments in house or at the district and state level.

It is heartening to note that 190 papers were presented at various conferences and we want to congratulate the participants as 103 of them were national conferences. The staff were active in participating at the regional, state and national conferences and 158 faculty members attended them to further their academic standards.

A national institute like ours has to make more inroads into research on the numerous problems we face every day. We have to make our presence felt at the national and international levels by improving our research standards in the days to come, so that the name of “KIMSHEALTH” will make significant waves at the national and international level in the days to come.

SOCIETY FOR CONTINUING MEDICAL EDUCATION & RESEARCH (SOCOMER)

1. INSTITUTIONAL HUMAN ETHICS COMMITTEE

1.1. Ethics Committee Members				
Sl. No.	Name with age & gender	Qualification	Designation in the Ethics Committee	Affiliation with Institution
1	Dr. C.C.Kartha	MD,FRCP (London), FAMS, FASc, FNASc, FICPath, FIACS	Chairman	Non-affiliated
2	Dr. P.M. Saffia	MS, MCh	Member Secretary	Affiliated
3	Dr. Naveen Jain	MD, DM	Clinician	Affiliated
4	Dr. Rejnish Kumar R	MBBS, MD (RT), DNB (RT)	Clinician	Non-affiliated
5	Dr. M. N. Rema	MD (Pharmacology)	Basic Medical Scientist	Non-affiliated
6	Dr. Reneega Gangadher	MD (Pharmacology), PGDBE	Basic Medical Scientist	Non-affiliated
7	Prof. Jameela Beegum	MA (Eng), PhD	Lay person	Non-affiliated
8	Mr. Sreekanth Pooyappally Krishnan	BE, AMIETE	Lay person	Non-affiliated
9	Adv. A. Abdul Kharim	LLB	Legal Expert	Non-affiliated
10	Adv. Sajad Kharim	LLB	Legal Expert	Non-affiliated
11	Dr. Manoj MT	MSW, MBA, PhD	Social Scientist	Affiliated
12	Dr. Jasmine Sarah Alexander	MSW, PhD	Social Scientist	Non-affiliated
13	Dr. Aleyamma Mathew	MSc, PhD	Scientific member	Non-affiliated

1.2. Registration of Ethics Committee on National Ethics Committee Registry for Biomedical and Health Research, Department of Health Research, Govt of India for carrying out Biomedical and Health Research in March 2021.



File No. - EC/NEW/INST/2020/1432

**Government of India
Ministry of Health & Family Welfare
Department of Health Research**

2nd Floor, IRCS Building,
New Delhi - 110001
Dated : 31-Mar-2021

Provisional Certificate

Subject: Provisional registration of the Ethics Committee relating to Biomedical and Health Research with the National Ethics Committee Registry for Biomedical and Health Research (NECRBHR), Department of Health Research (DHR).

In exercise of the powers conferred by sub-rule (3) of rule 17 of the New Drugs and Clinical Trials Rules, 2019, the designated authority in the Department of Health Research, Ministry of Health & Family Welfare, hereby provisionally registers and permits the following Ethics Committee to perform the duties of ethics committee as specified in Chapter-IV of the New Drugs and Clinical Trials Rules, 2019.

Name : Institutional Human Ethics Committee
Address : KIMSHEALTH an undertaking of KIMS Health Care Management Ltd,
Anayara PO, Trivandrum, Thiruvananthapuram, Kerala - 695029
Contact No: 4712941424
Fax : 4712446535

2. The Ethics Committee shall observe all the conditions as stipulated in Chapter-IV of the aforesaid Rules, i.e., New Drugs and Clinical Trials Rules, 2019 and the National Ethical Guidelines for Biomedical and Health Research Involving Human Participants, specified by the Indian Council of Medical Research (ICMR).

3. The designated authority shall scrutinize the documents and information furnished with the application by the Ethics Committee for the issue of final registration certificate.

4. The above provisional registration shall be valid for a maximum period of two years from the date of its issue or till grant of final registration or rejection of provisional registration, whichever is earlier.

ANU Digitally signed
by ANU NAGAR
Date: 2021.03.31
11:56:30 +05'30'

(Anu Nagar)
Joint Secretary
Department of Health Research
Designated Authority

1.3. Research Studies Reviewed and Approved by the Ethics Committee

- a. Rotasiil Vaccine Intussusception Surveillance in Kerala, Karnataka, Maharashtra and Gujarat, India
PI: Dr Prameela Joji, Dept of Pediatrics
- b. Anti-spike protein antibody levels and protectiveness against SARS CoV-2 infection following two doses of ChAdOx1 nCoV – 19 corona virus vaccine among health care workers
PI: Dr Muhammed Niyas V K Dept. of Infectious Diseases
- c. Emotional responses and Coping Strategies among nursing staffs caring COVID-19 patients – Prospective observational study
PI: Kanu V Dev, Dept of Nursing
- d. A randomized double-blind, placebo-controlled, multicenter trial assessing the impact of lipoprotein (a) lowering with pelacarsen (TQJ230) on major cardiovascular events in patients with established cardiovascular disease. Protocol No. CTQJ230A12301
PI: Dr. Ramesh Natarajan, Dept of Cardiology
- e. Knowledge, attitude and practices towards seasonal influenza vaccination among health care workers
PI: Dr.P. Arjun, Dept of Respiratory Medicine
- f. Protocol Title: Non-interventional observational study assessing safety and efficacy of neutralizing monoclonal antibody (Casirivimab/Imdevimab) treatment in a real world-setting of mild/moderate COVID 19 patients in India”. Dr. A. Rajalakshmi, Dept of Infectious Diseases
- g. The committee reviewed 44 DNB Thesis Protocols in 2021

2. SCIENTIFIC PUBLICATIONS

1. Thomas JM, Sasankan D, Surendran S, Abraham M, Rajavelu A, Kartha CC. Aberrant regulation of retinoic acid signaling genes in cerebral arterio venous malformation nidus and neighboring astrocytes. *J Neuroinflammation*. 2021;18, 61. <https://doi.org/10.1186/s12974-021-02094-2>.
2. Kartha CC. Cell Cycle Regulation in Cardiomyocytes. In: *Cardiomyocytes in Health and Disease*. Springer, Cham. 2021. https://doi.org/10.1007/978-3-030-85536-9_3
3. Dhanya R, Kartha C.C. Quercetin improves oxidative stress-induced pancreatic beta cell alterations via mTOR-signaling. *Mol Cell Biochem*, 2021;476: 3879–3887. <https://doi.org/10.1007/s11010-021-04193-3>
4. Anandan V, Thankayyan Retnabai SK, Jaleel A, Thulaseedharan T, Mulasari A, Pillai MR. et al. Cyclophilin A induces macrophage apoptosis and enhances atherosclerotic lesions in high-fat diet-fed hyperglycemic rabbits. *FASEB BioAdvances*. 2021; 00:1-18. <https://doi.org/10.1096/fba.2020-00135>
5. Rai A, Kumar V, Jerath G, CC Kartha, Ramakrishnan V. Mapping drug-target interactions and synergy in multi-molecular therapeutics for pressure-overload cardiac hypertrophy. *NPJ Syst Biol*. 2021 Appl 7, 11. <https://doi.org/10.1038/s41540-021-00171-z>

3. KIMSHEALTH MONTHLY WEBINARS IN 2021

Sl. No.	Name of the Program	Date	No. of participants
1	Changing Trends in Medical Practice in the COVID ERA	12 th August 2021	168
2	The Journey of a Tiny Baby	2 nd September 2021	107
3	Prenatal Screening: A Tool to Predict, Prevent and Prepare	7 th October 2021	99
4	Newer Treatment Modalities Intervention Radiology – Pinhole Surgery	11 th November 2021	83
5	A 9 year old girl gets a gift-A Gift of Life	2 nd December 2021	92

**Changing trends
in medical
practice in the
COVID era**



Chairperson
Dr. M.I. Sahadulla

Chairman & Managing
Director
KIMSHEALTH



Speaker
**Prof. G.
Vijayaraghavan**

Vice Chairman & Director,
Medical Services & Dean
of Academics
KIMSHEALTH, Trivandrum

**Journey of a
tiny baby**



Chairperson
Dr. Asok Kumar

Sr. Consultant
Department of Pediatrics
KIMSHEALTH Trivandrum



Speaker
Dr. Naveen Jain

Coordinator &
Senior Consultant
Department of Neonatology
KIMSHEALTH Trivandrum

**Prenatal
Screening:
A Tool to
Predict, Prevent
and Prepare**



Chairperson
Dr. R. Vidyalekshmy

Senior Consultant &
Coordinator, Department
of High Risk Pregnancy &
Fetal Medicine
KIMSHEALTH Trivandrum



Speaker
Dr. Brinda Sabu

Consultant, Department of
High Risk Pregnancy & Fetal
Medicine
KIMSHEALTH, Trivandrum

**Newer Treatment
Modalities in
Interventional
Radiology -
Pinhole Surgery**



Chairperson
Dr. Madhavan Unni

Senior Consultant,
Department of Radiology
KIMSHEALTH Trivandrum



Speaker
**Dr. Manish
Kumar Yadav**

Coordinator & Consultant,
Interventional Radiology
KIMSHEALTH Trivandrum

**A 9 year old girl
gets a gift -
"A Gift of Life"**



Chairperson
Dr. Sasidharan K

Honorary Senior Consultant
Department of Urology
KIMSHEALTH Trivandrum

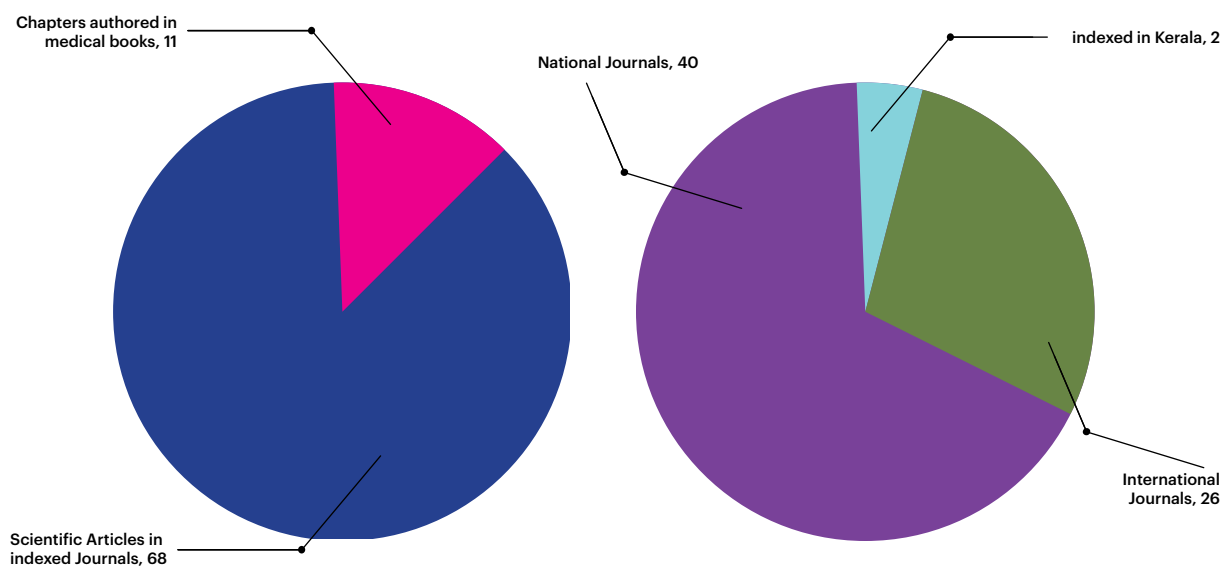


Speaker
Dr. Satish Balan

Coordinator &
Senior Consultant
Department of Nephrology
KIMSHEALTH Trivandrum

Note : SOCOMER sincerely acknowledges the help of IMA Trivandrum and other specialised associations pertaining to the subject covered for their contributions to the effective delivery of the KIMSHEALTH Monthly Webinar.

SCIENTIFIC PUBLICATIONS IN 2021

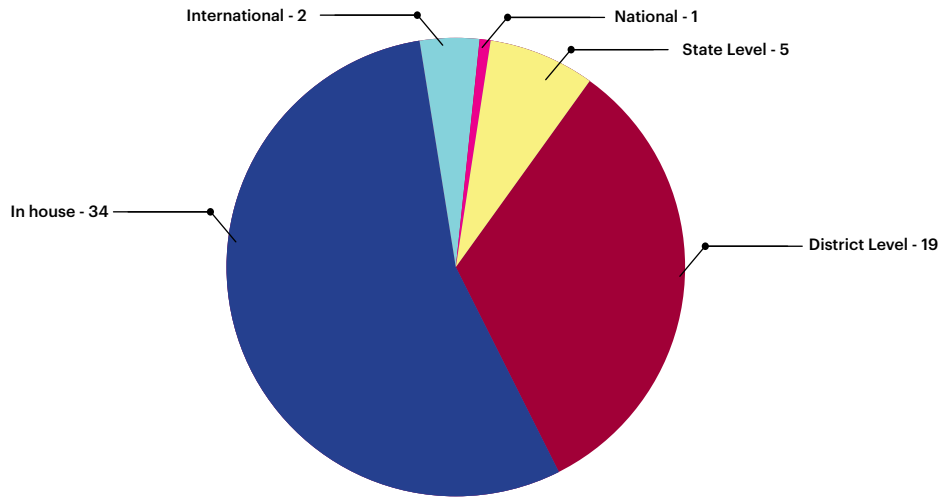


PUBLICATIONS IN BOOKS AND JOURNALS

DEPARTMENT WISE REPORT

SI. NO	Department	No.
1	Neonatology	15
2	Respiratory Medicine	12
3	General Surgery	8
4	Infectious Diseases	8
5	Dental	7
6	HROB	6
7	SOCOMER	5
8	Neurology	4
9	Anesthesia	2
10	Critical Care Medicine	2
11	ENT	2
12	Gastroenterology	2
13	Pediatrics	2
14	Rheumatology	2
15	Cardiology	2
	TOTAL	79

CONTINUING MEDICAL EDUCATION PROGRAMMES IN 2021

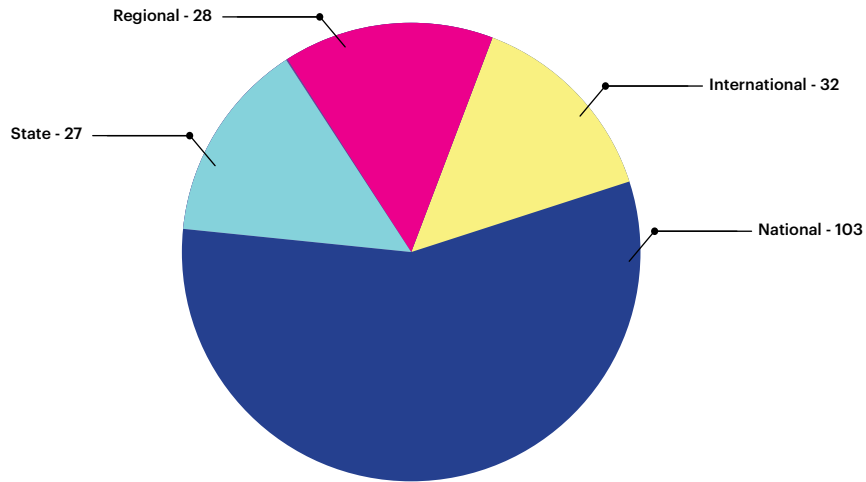


CATEGORY OF CME

DEPARTMENT WISE REPORT

SI. NO	Department	No.
1	Cardiology	16
2	Pediatrics	15
3	Emergency Medicine	10
4	Internal Medicine	6
5	Rheumatology	3
6	HROB	2
7	Orthopedics	2
8	Critical Care Medicine	1
9	ENT	1
10	Family Medicine	1
11	Neonatology	1
12	Nephrology	1
13	Obstetrics & Gynecology	1
14	Oncology	1
	TOTAL	61

PAPER PRESENTATION AT CONFERENCES IN 2021

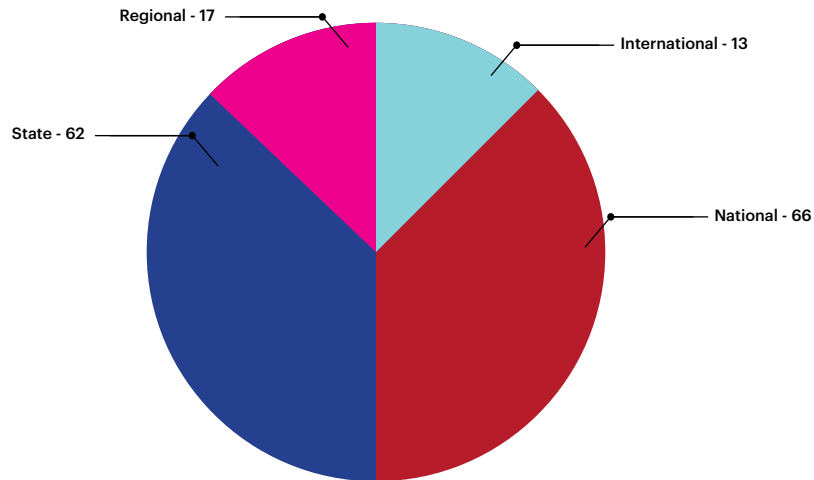


CATEGORY OF CONFERENCE

DEPARTMENT WISE REPORT

SI. NO	Department	No.	SI. NO	Department	No.
1	HROB	30	12	Pediatrics	8
2	Cardiology	26	13	Family Medicine	6
3	Orthopedics	14	14	Rheumatology	5
4	Obstetrics & Gynecology	13	15	Gastroenterology	4
5	Infectious Diseases	12	16	Nephrology	4
6	Respiratory Medicine	12	17	Critical Care Medicine	3
7	Neonatology	11	18	Anesthesia	2
8	Internal Medicine	11	19	Dental	2
9	Neurology	8	20	Emergency Medicine	2
10	ENT	8	21	Radio Diagnosis	2
11	Oncology	8		TOTAL	190

CME PARTICIPATION WITHOUT PRESENTATION IN 2021

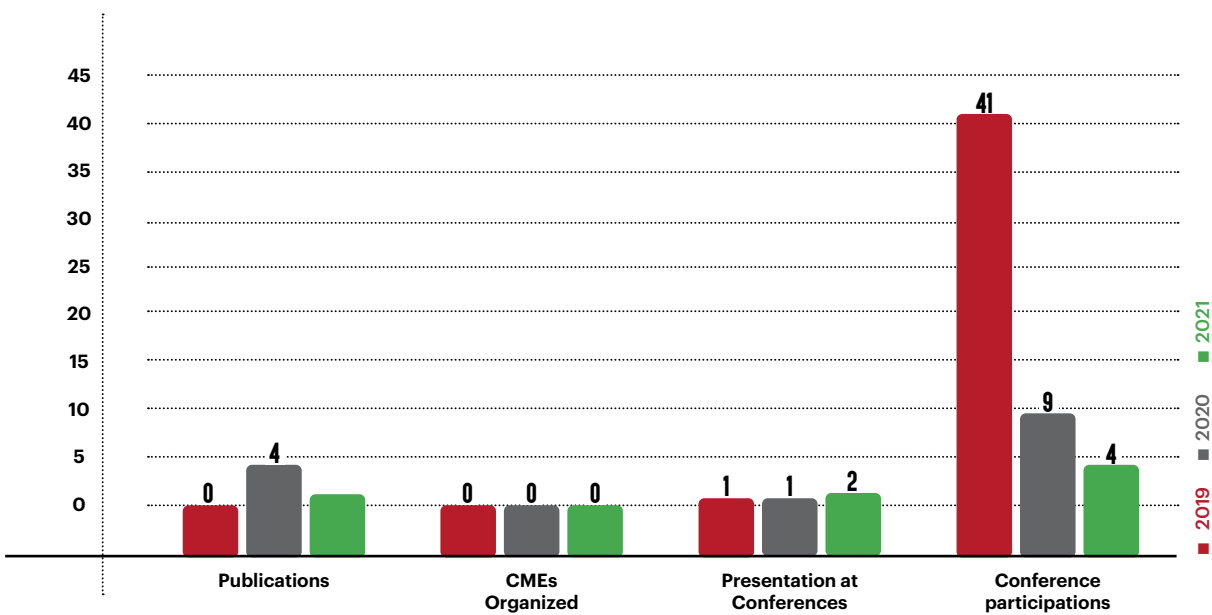


TYPE OF CONFERENCES

DEPARTMENT WISE REPORT

SI. NO	Department	No.	SI. NO	Department	No.
1	Family Medicine	35	12	Infectious Diseases	3
2	Oncology	32	13	Internal Medicine	3
3	Dental	27	14	Orthopedics	3
4	HROB	10	15	Radio Diagnosis	3
5	Pediatrics	8	16	Respiratory Medicine	2
6	Cardiology	6	17	Critical Care Medicine	1
7	Neonatology	6	18	General Surgery	1
8	Nephrology	5	19	Neurology	1
9	Anesthesia	4	20	Obstetrics & Gynecology	1
10	ENT	4		TOTAL	158
11	Emergency Medicine	3			

DEPARTMENT OF ANESTHESIOLOGY



COMPARISON OF ACADEMIC ACTIVITIES : 2019, 2020 & 2021

SCIENTIFIC PUBLICATIONS

- Singh SS, Palangadan S, Yadav M. Incidental finding of interrupted inferior venacava during minimally invasive cardiac surgery. *Ann Card Anaesth.* 2021;24:234-237.
- Poonuraparampil JA, Halemani KR, Karim HMR, John MR, Mistry T. Effect of tonsillar fossa cooling with cold saline on early post-tonsillectomy pain: A randomized, double-blind controlled study. *Indian J Clin Anaesth* [Internet]. 2021 Jun 28 [cited 2022 Jan 10]; 8(2):243–9. Available from: <https://ijca.in/article-details/13932>.

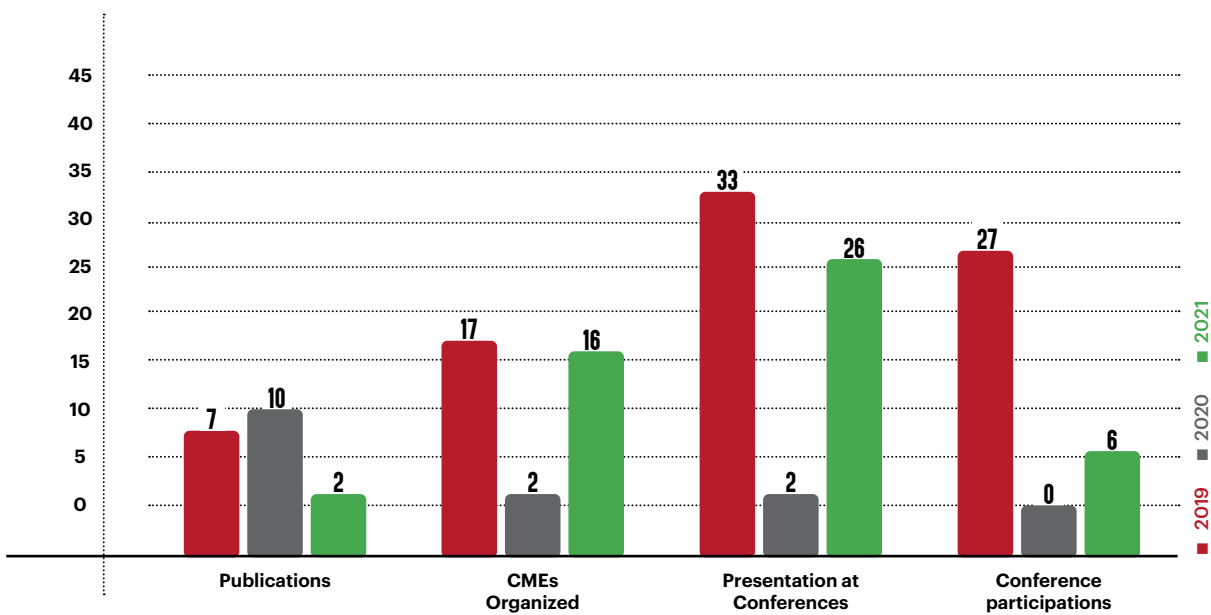
PAPER PRESENTATIONS IN CONFERENCES

- Dr. Divya John presented a paper on “Organ in focus”- strategies to prevent perioperative injury at the ISACON Kerala annual conference 2021 on 11th and 12th December 2021 in Trivandrum.
- Dr. Jacob John Theophilus and Dr. Pooja Prakash presented a paper on “Subglottic Rhinosporidiosis – Hybrid technique for a rare case” at the Difficult Airway Society Meeting held on 4th and 5th November 2021 in London.

CONFERENCE PARTICIPATION

SI No	Name of the program	Name	Date	Role
1	RACE 2021, Sri Ramachandra Medical College & Research Institute, Porur, Chennai.	Dr. Jacob John Theophilus	29 th to 31 st January 2021	Faculty
2	ISAMIDKON 2021.	Dr. Jacob John Theophilus	20 th & 21 st March 2021	Faculty
3	National Airway Conference (NAC)	Dr. Jacob John Theophilus	25 th to 27 th September	Faculty
4	Difficult Airway Society Meeting, London.	Dr. Jacob John Theophilus	4 th and 5 th November 2021	Faculty

DEPARTMENT OF CARDIOLOGY



COMPARISON OF ACADEMIC ACTIVITIES : 2019, 2020 & 2021

SCIENTIFIC PUBLICATIONS

- Vijayaraghavan G, Sivasankaran S. Strain Mimics and longitudinal strain images: Need for detailed 2D Echo Analysis for understanding the meaning of strain images. In: PP Mohanan, MN Krishnan (Eds). Cardiology Update 2020. New Delhi: Evangel Publishing; 2021. p.183-186.
- Vijayaraghavan G, Radhamony D, Suhail P.T. Cardiovascular Diseases in Pregnancy. In: Paily V.P., Ambujam K., Nair V.R., Menon P., Jayaprakash M., Deepthy M. et al. Third Report of Confidential Review of Maternal Deaths, Kerala 2010 to 2020 Why Mothers Die, Kerala 2010- 2020 Observations, Recommendations. Thrissur: Kerala Federation of Obstetrics & Gynaecology. 2021. p. 155-171.

CONTINUING MEDICAL EDUCATION ACTIVITIES

SI No	Name of the program	Type of Programme	Date	No. Hours
1	CME on Pregnancy in Tetralogy of Fallot Data' – IJC Congenital Heart Disease 2020	Internal	6 th January 2021	1
2	CME on Differential Diagnosis of Thickened Myocardium: An Illustrative MRI Review	Internal	20 th January 2021	1
3	CME on Hybrid Coronary Revascularization Vs Conventional CABG	Internal	25 th February 2021	1
4	CME on Arrest Trial Lancet	Internal	31 st March 2021	1
5	CME on Drug Treatment of HOCM	Internal	15 th April 2021	1
6	CME on Sacubitril/ Valsartan Combination in Pediatric HF- A College of Articles	Internal	20 th May 2021	1
7	CME on Left Bundle Branch Pacing	Internal	3 rd June 2021	1
8	CME on GALACTIC – HF Trial	Internal	17 th June 2021	1
9	CME on Digoxin Today	Internal	1 st July 2021	1
10	CME on TALOS AMI Trial	Internal	17 th July 2021	1
11	CME on AHA Statement on Diagnosis and Management of Myocarditis in Children 2021: A New Look At An Old Disease	Internal	28 th July 2021	1
12	KIMSHEALTH Monthly Webinar on Changing Trends in Medical Practice in the COVID ERA	Internal and External	12 th August 2021	1
13	CME on Familial Incidence of Rheumatic Heart Disease	Internal	17 th August 2021	1
14	CME on Medical Arterial Calcification	Internal	13 th October 2021	1
15	CME on Pulmonary Hypertension in Children: Current Status 2021	Internal	3 rd November 2021	1
16	CME on FAME 3 TRIAL	Internal	9 th December 2021	1

PAPERS PRESENTATIONS IN CONFERENCES

SI No	Name of the conference, Date & Venue	Name of the presenter	Title of the presentation
1	Heart Failure Society of India - Annual session lecture, 9 th January 2021	Prof. G. Vijayaraghavan	Heart failure with preserved ejection fraction
2	Imaging and physiology Conclave, 16 th January 2021	Dr. Ramesh Natarajan	Intravascular ultrasound- equipment and methods of imaging
3	Sing Live conference held in Singapore, 23 rd January 2021	Dr. Ramesh Natarajan	Complex case presentation in the session on Nightmares in Cathlab
4	Special talk for IEEE, 13 th January 2021	Prof. G. Vijayaraghavan	Preventive Cardiology – Have a heart for your heart

5	Heart Failure Association of India annual conference, 12 th to 14 th February 2021, Virtual	Prof. G. Vijayaraghavan	Women and gender influences in HF
6	The imaging conclave meet 2021, 6 th March 2021	Dr. Ramesh Natarajan	The role of intravascular ultrasound in stent failure
7	Digital Hypertension Meet 2021, 9 th March 2021	Prof. G. Vijayaraghavan	Hypertension Management in Patients with Diabetes
8	CAD symposium 2021, 25 th March 2021	Dr. Ramesh Natarajan	Compass trial
9	ECMO workshop, 28 th March 2021, Calicut	Dr Shaji Palangadan	Developing an ECMO program
10	WINCARS, 23 rd April 2021	Dr. Meera R.	A narrow escape! Case of calcification with IVL
11	The ACS conclave, 29 th April 2021	Dr. Ramesh Natarajan	Choice of oral antiplatelet agents in acute coronary syndrome
12	The complex case compendium, 15 th May 2021	Dr. Ramesh Natarajan	IVUS guided Rotablation for calcified LAD lesion
13	The Interventional symposium, 25 th June 2021	Dr. Ramesh Natarajan	Polymer free dual drug coated stents at
14	NOVARTIS symposium, 16 th July 21	Dr. Ramesh Natarajan	Phenotype-based management of HFPEF
15	KIMSHEALTH Monthly webinar, 12 th August 2021	Prof. G Vijayaraghavan	Changing trends in medical practice in the COVID ERA
16	The complex case and imaging conclave, 22 nd September 2021	Dr. Ramesh Natarajan	IVUS in Left Main ostial disease
17	IMA-World Heart Day on 29 th September 2021, Trivandrum	Dr. Meera R.	Heart Failure
18	AICC RCOG Annual conference, 1 st to 3 rd October 2021, Virtual	Dr. Padmaja N.P.	A challenging case of hypertrophic cardiomyopathy complicating pregnancy (Poster)
19	10 th Annual Meeting of KHRS, 15 th October 2021	Dr. Meera R.	Detection zones and SVT/VT discrimination programming
20	Indian Academy of Echocardiography, 29 th and 30 th October 2021, Virtual	Prof. G. Vijayaraghavan	Strain incremental value Case studies – discollagenosis and heart. SLE and rheumatoid heart
21	CSI Kerala Chapter Annual Conference, 7 th November 2021	Dr. Meera R.	Breast cancer chemotherapy
22	Talk at the IMA meeting of Neyyatinkara branch, 27 th November 2021	Dr. Ramesh Natarajan	Caring for the heart-case based discussion on stent thrombosis
23	BDECHO 2021- (Annual Scientific Conference on Echocardiography), 31 st December 2021, Bangladesh.	Prof. G. Vijayaraghavan	BECON (Bangla Echo Consortium) Echocardiographic update of Constrictive Pericarditis & Restrictive Cardiomyopathy Sun-set session - Master Echocardiologist's Case Based Discussion

CONFERENCE PARTICIPATION WITHOUT PRESENTATION

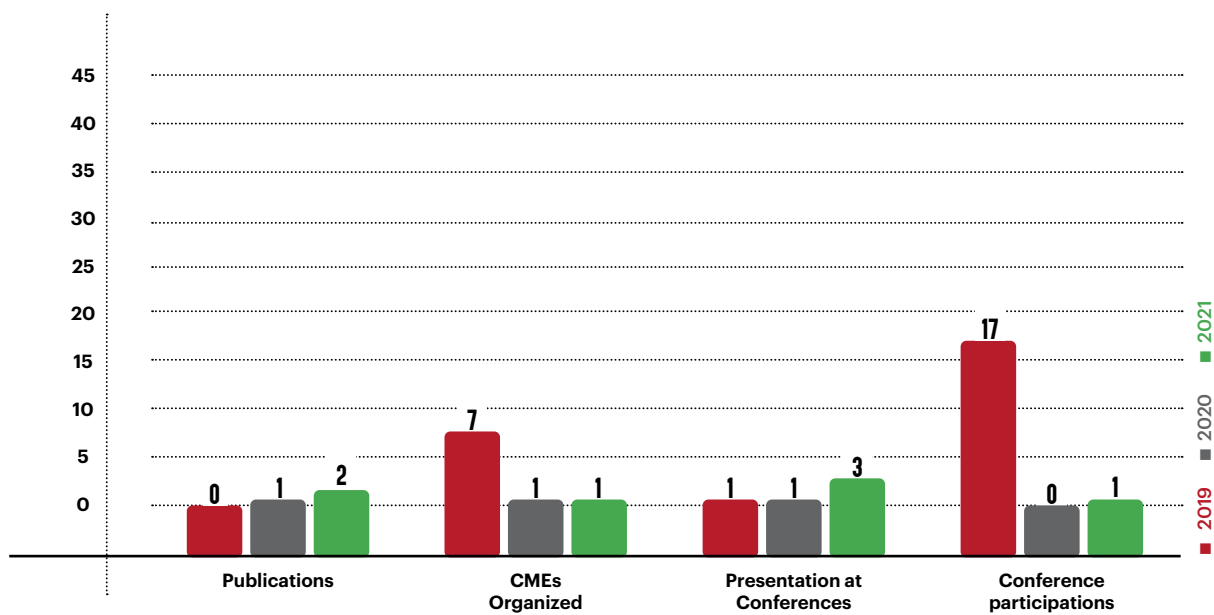
SI No	Name of the program	Name	Date	Role
1	Complex Case presentation on use of Intravascular Lithotripsy in calcified lesion in complex case compendium	Dr. Ramesh Natarajan	22 nd January 2021	Faculty
2	Complex coronary symposium	Dr. Ramesh Natarajan	10 th April 2021	Moderator & case presenter
3	Coronary bifurcation cases conclave	Dr. Ramesh Natarajan	22 nd April 2021	Moderator
4	Conquering coronaries interventional conference organized by Rubber city heart foundation	Dr. Ramesh Natarajan	26 th June 2021	Panelist
5	National complex coronary intervention workshop involving south and west zones	Dr. Ramesh Natarajan	25 th June 2021	Moderator
6	Chronic total occlusion (CTO) session at the ICCK conference held in Kochi	Dr. Ramesh Natarajan	25 th September 2021	Moderator

APPRECIATIONS

- Dr. Ramesh Natarajan served as the organizing secretary for the CME event “Intravascular Ultrasound in Coronary Interventions,” which was held on July 3, 2021, in partnership with the Society for Coronary Imaging and Physiology (SCIP).
- Prof. G. Vijayaraghavan has been selected as a fellow of the Royal Society of Medicine, London



DEPARTMENT OF **CRITICAL CARE MEDICINE**



COMPARISON OF ACADEMIC ACTIVITIES : 2019, 2020 & 2021

SCIENTIFIC PUBLICATIONS

SI No	Title	Name of the Author/s	Name of the Journal/Book
1	Strategies in preventing further COVID	Dr. Deepak V.	Hand of COVID care
2	1000 MCQs in Critical Care	Dr. Deepak V. Dr. Muralidharan R.	Hand of COVID care

CONTINUING MEDICAL EDUCATION ACTIVITIES

- The department organized a CRRT workshop in association with ISCCM in December 2021. There were 40 participants for this programme.

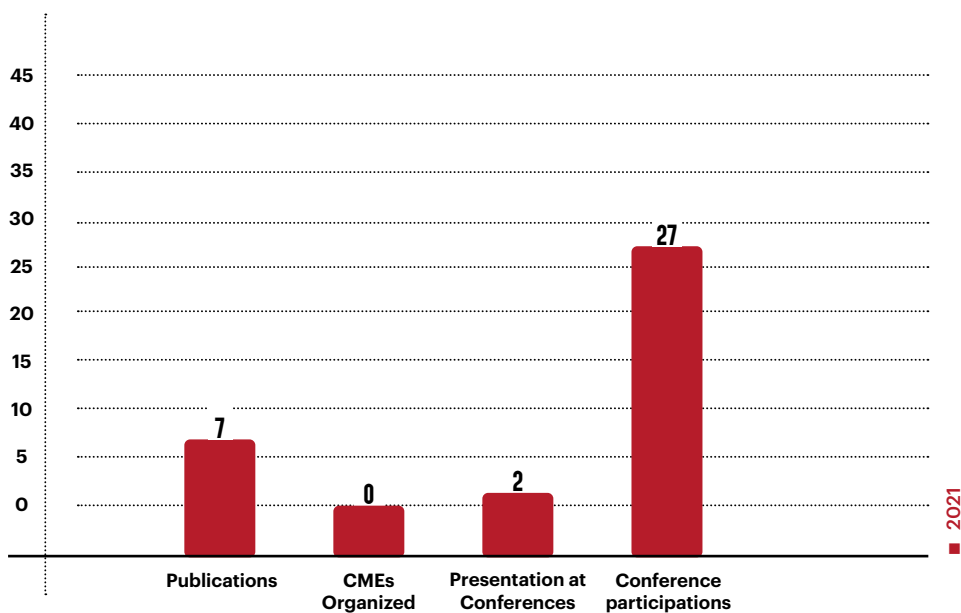
PAPERS PRESENTATIONS IN CONFERENCES

SI No	Name of the conference, Date & Venue	Name of the presenter	Title of the presentation
1	National conference of Critical Care Medicine, February 2021	Dr. Bala P. Dr. Deepak V. Dr. Rajalakshmi A. Dept of Infectious Diseases	Fatal Spontaneous Clostridium Septicum Myonecrosis in an Immunocompetent Host
2	COVID-19 the current challenges, 21 st May 2021, Virtual	Dr. Muralidharan R	Problems in managing COVID 19 pneumonia patients in ICU
3	ISA Conference 2021	Dr. Muralidharan R	Post operative care of liver transplant

CONFERENCE PARTICIPATION WITHOUT PRESENTATION

- Dr. Dipin Mani, Registrar, participated as a delegate in the ECMO workshop 2021 held from 11th to 13th November 2021 in Haryana

DEPARTMENT OF **DENTAL, CLINICAL, ORAL & MAXILLOFACIAL SURGERY**



** Academic activities were not separately reported earlier*

ACADEMIC ACTIVITIES : 2021

SCIENTIFIC PUBLICATIONS

1. Kumar M, Praveena G, Nair KR. Microsoft PowerPoint-based digital smile designing." J Interdiscip Dentistry [Internet]. 2021 [cited 2022 Jan 10]; 11(1):49. Available from: <http://www.jidonline.com/text.asp?2021/11/1/49/314181>.
2. Madhukumar M, Geetha P, Nair KR, Unnikrishnan M. The effects of double antibiotic paste and amoxicillin-clavulanate paste used in endodontic regeneration on microhardness of radicular dentine: An in-vitro study. J Pharm Bioall Sci [Internet]. 2021 [cited 2022 Jan 10];13(5):510. Available from: <http://www.jpbonline.org/text.asp?2021/13/5/510/317512>
3. Stanly B, Mathew CM, Kumar LKS. Nasolabial cyst: a diagnostic dilemma. J Dent Shiraz Univ Med Scien. 2021. https://dentjods.sums.ac.ir/article_47949_7a546a795e530fd00cc1ad1360a43c37.pdf
4. Sebastian B, Bhuvanaraghan A, Thiruvengkatachari B. Orthodontic space closure in sliding mechanics: a systematic review and meta-analysis. Eur J Orthod [Internet]. 2021 Oct 5 [cited 2022 Jan 10]; Available from: <https://academic.oup.com/ejo/advance-article/doi/10.1093/ejo/cjab047/6381541>
5. Kumar L K S, S D, Mm J. Mandibular access osteotomy: Gate way to parapharyngeal space - A case report. Int J Surg Case Rep. 2021 Mar;80:105683. doi: 10.1016/j.ijscr.2021.105683. Epub 2021 Feb 22. PMID: 33639503; PMCID: PMC7921504.
6. Adersh, G.A., Surej Kumar, L.K., Kurien, N.M., Tharakan, M., Rahim, S.N. 3D printed locator guides; Fusion deposited starch guides for surgical removal of impacted maxillary teeth. J Oral BiolCraniofac Res. 2021; 11(2):113-117.
7. Adersh GA, Sibi S, Surej Kumar LK, Kurien N. "Canine tracker"; an app based on android platform for localisation of impacted maxillary canines using digital panoramic radiographs. J Oral BiolCraniofac Res. 2021 Jan-Mar;11(1):9-12. doi: 10.1016/j.jobcr.2020.11.002. Epub 2020 Nov 8. PMID: 33344154; PMCID: PMC7736991.

PAPER PRESENTATIONS IN CONFERENCES

SI No	Name of the conference, Date & Venue	Name of the presenter	Title of the presentation
1	12 th IFEA World Endodontic Congress 2020 & 29 th National Congress of Indian Endodontic Society, 2021	Dr. Meenu Madhukumar	Platelet rich fibrin and it's role in Endodontics - a literature review
2	The Indian Dental Association on 19 th September 2021, Webinar	Dr. Cucoo Mariam Mathew	Oral Potentially Malignant Disorders

CONFERENCE PARTICIPATIONS

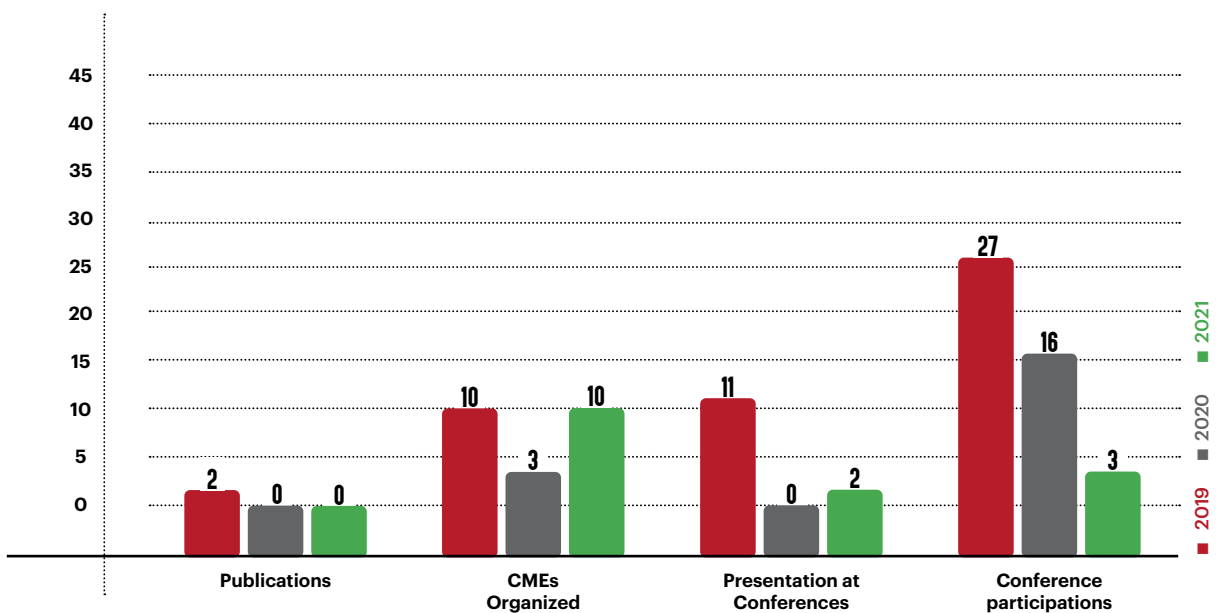
SI No	Name of the program	Name	Date	Role
1	Scientific Project management conducted by Indian Institute of Science Education and research (IISER)	Dr. Biju Sebastian	5 th to 7 th January 2021, Pune	Faculty
2	PROMT 2021 by AOMSI Kerala	Dr. Surejkumar L.K.	January 2021	Panelist
3	AOMSI Virtual Master Class	Dr. Surejkumar L.K.	30 th March 2021	Faculty
4	PMS International Lecture Series	Dr. Surejkumar L.K.	7 th to 10 th April 2021	Faculty
5	IOMSI- Distraction Osteogenesis versus Orthognathic Surgery	Dr. Surejkumar L.K.	5 th May 2021	Delegate
6	IPRIC/K Intellectual Property Rights	Dr. Surejkumar L.K.	6 th May 2021	Delegate
7	Royal College of England Supporting SAS surgeons	Dr. Surejkumar L.K.	19 th May 2021	Delegate
8	EBSCO Information Service -EBSCO Training of Medical and Health Data Base	Dr. Surejkumar L.K.	28 th May 2021	Delegate
9	IOMSI - Paradigms in Dentofacial Corrections from Classic to Virtual Planning	Dr. Surejkumar L.K.	7 th June 2021	Delegate

10	IOMSI - Artificial Intelligence in Surgery	Dr. Surejkumar L.K.	7 th June 2021	Delegate
11	Craniofacial Research Academy Hands on Reviewers Workshop	Dr. Surejkumar L.K.	21 st to 30 th June 2021	Delegate
12	IOMSI - Minimizing patient morbidity in Orthognathic surgery	Dr. Surejkumar L.K.	29 th June 2021	Delegate
13	CDE of Osteoscience Foundation Complications in reconstruction and regeneration	Dr. Surejkumar L.K.	29 th June 2021	Delegate
14	Royal College of England New deal of surgery	Dr. Surejkumar L.K.	6 th July 2021	Delegate
15	ISOI - Natural Guided Regeneration	Dr. Surejkumar L.K.	14 th July 2021	Delegate
16	IAOMS - Template Guided Mandibular Reconstruction	Dr. Surejkumar L.K.	17 th August 2021	Delegate
17	AOMSI Bone Graft for Implant Dentistry	Dr. Surejkumar L.K.	September 2021	Delegate
18	Lecture and Hands on Course on Efficient Aesthetics with Direct Composite Restoration at Pushpagiri College of Dental Sciences	Dr. Biju Sebastian	28 th September, 2021	Delegate
19	2021 Korean Association of Orthodontics 54 th Annual Scientific Conference and 12 th World Implant Orthodontic Conference	Dr. Abdul Shameer C.K.	2021	Delegate
20	CDE of Sri Sankara Dental College	Dr. Surejkumar L.K.	October 2021	Guest speaker
21	CDE of PMS College of Dental Science And Research	Dr. Surejkumar L.K.	1 st November 2021	Guest speaker
22	Tips and Tricks in Oral surgery	Dr. Surejkumar L.K.	1 st November 2021	Guest speaker
23	State AOMSI Kerala Annual Conference	Dr. Surejkumar L.K.	5 th and 6 th November 2021	Guest speaker
24	Maxillofacial Imaging: Third eye in Diagnosis organised by Azeezia College of Dental Sciences and Research, Kollam	Dr. Cucoo Mariam Mathew	8 th November 2021	Delegate
25	Triple "o" Conference (Virtual) - Salivary Gland Disorders- Integrated Multidisciplinary Approach	Dr. Cucoo Mariam Mathew	25 th to 27 th November 2021	Delegate
26	Theoretical CBCT Interpretation for Orthodontics.	Dr. Abdul Shameer C.K.	2 nd and 3 rd December 2021, Cairo, Egypt	Faculty
27	45 th National AOMSI Conference Mangalore	Dr. Surejkumar L.K.	2 nd to 4 th December 2021	Delegate

APPRECIATIONS

- Dr. Abdul Shameer received MFDS RCS (ENGLAND) last month. He has already received MOrth RCS (Edinburgh) and MOrth RCPS (GLASGOW).
- Dr. Surej Kumar L.K. obtained FDSRCS from the Royal College of Surgeons (England). He had already obtained FDS RCPS (GLASGOW)
- Dr. Suvy Manuel was on the Editorial Board for this academic endeavour "Oral and Maxillofacial Surgery for the Clinician"- Springer Singapore Publishers, released in 2021.
- Dr. Biju Sebastian served as an Examiner for the MDS (Orthodontics) examination at Sathyabama Institute of Science & Technology in Chennai on 1st and 2nd September 2021.

DEPARTMENT OF EMERGENCY MEDICINE



COMPARISON OF ACADEMIC ACTIVITIES : 2019, 2020 & 2021

CONTINUING MEDICAL EDUCATION ACTIVITIES

SI No	Name of the program	Type of Programme	Date	No. Participants	No. Hours
1	AHA BLS & ACLS	Provider Course for internal and external candidates	19 th to 21 st January 2021	18	24
2	AHA BLS & ACLS	Provider Course for internal and external candidates	27 th to 29 th January 2021	20	24
3	AHA BLS & ACLS	Provider Course for internal and external candidates	4 th to 6 th February 2021	37	24
4	AHA BLS & ACLS	Provider Course for internal and external candidates	17 th to 19 th July 2021	26	24
5	AHA BLS & ACLS	Provider Course for internal and external candidates	5 th to 7 th August 2021	28	21
6	AHA BLS & ACLS	Provider Course for internal and external candidates	2 nd to 4 th September 2021	27	21
7	AHA BLS & ACLS	Provider Course for internal and external candidates	9 th to 11 th October 2021	32	21
8	AHA BLS & ACLS (Kollam KIMS)	Provider Course for internal and external candidates	16 th to 18 th October 2021	18	21
9	AHA BLS & ACLS	Provider Course for internal and external candidates	4 th to 6 th November 2021	29	21
10	AHA BLS & ACLS	Provider courses	2 nd to 4 th December 2021	30	21

PAPER PRESENTATIONS IN CONFERENCES

- Dr. Jennifer presented a paper on “MDW as screening tool for screening early detection of sepsis” at the Mumbai Hematology Group held on 12th March 2021.
- Dr. Shameem K.U. presented a paper on General Toxicology – Recent Updates at the WACEM 21 conference held from 10th to 19th December 2021, AIIMS, Rishikesh

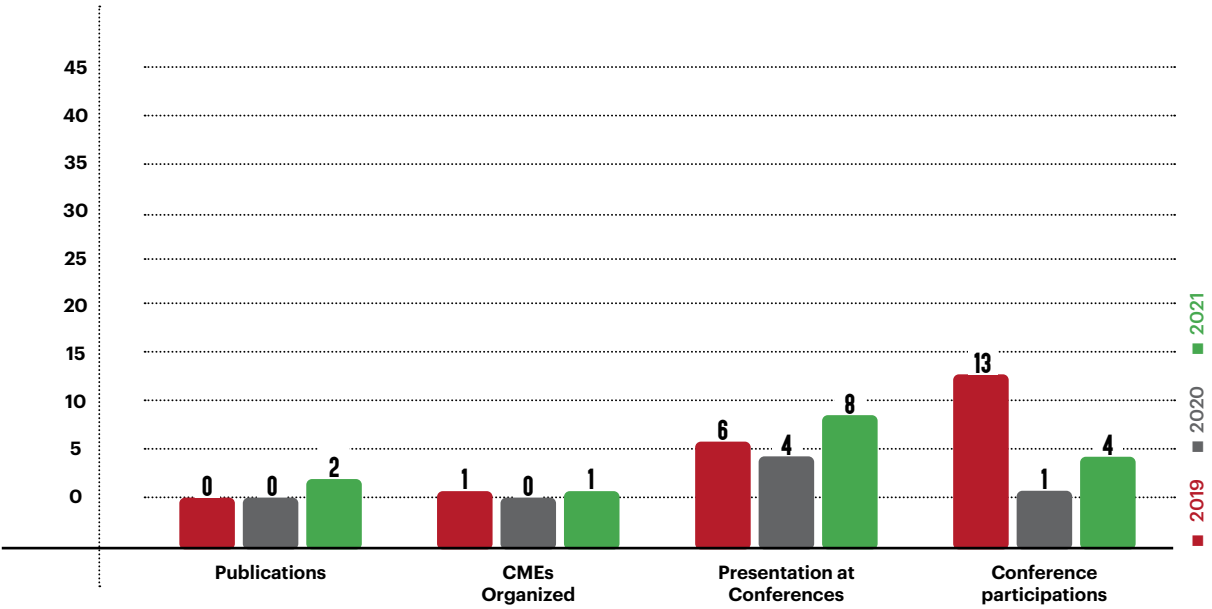
CONFERENCE PARTICIPATION

SI No	Name of the program	Name	Date	Role
1	Academy of Emergency Medicine Forum	Dr. Shameem K.U.	10 th February 2021	Delegate
2	ATLS (Advanced Trauma Life Support), Kochi	Dr. Jennifer	28 th to 30 th June 2021	Delegate
3	ATLS (Advanced Trauma Life Support), Kochi	Dr. Akash A.J.	11 th to 13 th November 2021	Delegate

APPRECIATIONS

- Dr. Shameem K.U., Dr. Jennifer, Dr. Sreejith AS and Dr. Bhadra Menon have cleared the MRCEM course in July 2021.
- Dr. Mark, Dr. Sisira, Dr. John, Dr. Mufeeda, Dr. Sneha, Dr. Shalini have cleared MRCEM Part-A exam held in December 2021

DEPARTMENT OF ENT



COMPARISON OF ACADEMIC ACTIVITIES : 2019, 2020 & 2021

SCIENTIFIC PUBLICATIONS

- Rasheed M, Felix V, Narendrakumar V. Hemostatic and hemodynamic effects of topical administration versus intranasal injection of adrenaline during endoscopic sinus surgery: A prospective observational study. J Head Neck Physicians Surg 2021;9:123-7
- Gautaam SN, Gopakumar KP, Kumar SM, Krishnan RB. Clinicopathological study of non-malignant lesions of larynx: a prospective observational study. Int J Otorhinolaryngol Head Neck Surg 2022;8:57-63.

CONTINUING MEDICAL EDUCATION ACTIVITIES

- The department organized a National CME on ICG endoscopy in endoscopic skull base surgery on 14th October 2021.

PAPER PRESENTATIONS IN CONFERENCES

SI No	Name of the conference, Date & Venue	Name of the presenter	Title of the presentation
1	International Pediatric ENT conference 2021, 21 st September 2021 (virtual)	Dr. Ojus P. Raj	A rare case of otogenic Brain abscess
		Dr. Niharika Sahay	Biphenotypic sinonasal sarcoma-a rare malignancy
2	CME programme of AOI Trivandrum branch, 9 th October 2021 (virtual)	Dr. Shilpa V.	A rare case of Bilateral necrotizing otitis externa in an infant
3	CME programme of AOI Trivandrum branch, 9 th October 2021 (virtual)	Dr. Aneesa Ansar	Use of ICG in Skull base surgery
4	Neurosurgical TV – an online platform for Neurosurgeons and medical faculty 14 th October 2021	Dr. Aneesa Ansar	Use of ICG in advanced Skull base surgery
5	Foundation of Head & Neck Oncology (FHNO) conference 2021, 10 th to 12 th December 2021	Dr. Vinod Felix	Skull base Endoscopic surgery- academic partner- Stryker
		Dr. Aneesa Ansar	Indocyanine Green usage in Sino-orbital Tumor – A new frontier (E-poster)
		Dr. Niharika Sahay	A rare malignancy of childhood

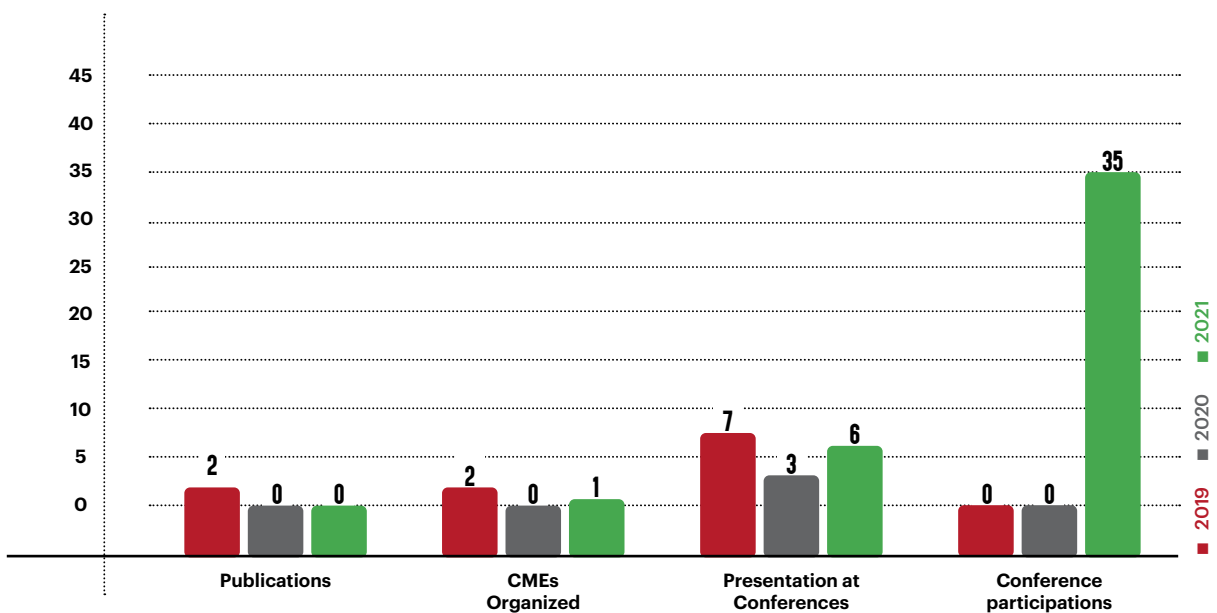
CONFERENCE PARTICIPATION

SI No	Name of the program	Name	Date	Role
1	Cone Beam CT in ENT, KENTCON 2021	Dr. Suresh Kumar	18 th September 2021	Chairperson
2	CME programme of AOI Trivandrum branch	Dr. K.P. Gopakumar	9 th October 2021	Chairperson
3	Webinar programme Neurosurgical TV	Dr. Vinod Felix	14 th October 2021	Chairperson
4	Foundation of Head & Neck Oncology (FHNO)	Dr. Vinod Felix	10 th to 12 th December 2021	Faculty and performed live surgery

APPRECIATIONS

- Dr. Ojus P. Raj secured third prize for the PG paper presentation on “ A rare case of Otogenic Brain Abscess” at the International Pediatric ENT conference 2021, 21st September 2021 (virtual)

DEPARTMENT OF FAMILY MEDICINE



COMPARISON OF ACADEMIC ACTIVITIES : 2019, 2020 & 2021

CONTINUING MEDICAL EDUCATION ACTIVITIES

- The department organized an internal CME on Making Outstanding Presentations by Dr. Kamlesh Bhargava MD, FRCGP (INT), Director of Continuing Professional Development (International) Academy of Family Physicians of India (AFPI) on 9th November 2021. This seminar had 45 participants and was one hour long.

PAPER PRESENTATIONS IN CONFERENCES

SI No	Name of the conference, Date & Venue	Name of the presenter	Title of the presentation
1	AFPI Kerala Chapter South Zone Mid Year CME (Academy of Family Physicians of India), 18 th May 2021	Dr. Namita U.	A healthy mind for a healthy body- Neuropsychiatric aspects of COVID 19 (Scientific Session)
2	23rd World Conference of Family Doctors (WONCA), 22 nd to 27 th November 2021, Abu Dhabi	Dr. Namita U.	Food plate based lifestyle intervention for control of blood glucose and body weight in Diabetes -A study from South India (POSTER)
3	National Conference of Indian Rheumatology Association , IRACON 2021, 9 th December 2021	Dr. Asna Muth	Prevalence of comorbidities among SLE patients in a tertiary care centre of South India (POSTER)
4	National Conference of Indian Rheumatology Association, IRACON 2021, 9 th December 2021	Dr. Shana Sherin	Comorbidity burden at the time of diagnosis of Gout (POSTER)
5	AFPICON 2021 Annual Conference of AFPI Kerala Chapter, 13 th and 14 th February 2021	Dr. Anju Prasad	A case report of posterior reversible encephalopathy syndrome (POSTER)
		Dr. Arya Prasad	A rare but well recognised complication following vasculotoxic snake bite (POSTER)

CONFERENCE PARTICIPATION

SI No	Name of the program	Name	Date	Role
1	Fiesta Medica, Department of General Medicine, Government Medical College, Kottayam	Dr.Vishnu B.S.	30 th January 2021	Delegate
2	AFPICON 2021 - Annual Conference of AFPI Kerala Chapter	Dr. Safdar Basheer Dr. Namita U. Dr.Vishnu B S Dr. Bijin Joseph Dr. Anju Prasad Dr. Arya Prasad Dr. Sajida E. Dr. Shana Sherin Dr. Asna Muth Dr. Aparna S. Dr. Jithin Joseph Dr. Fathima Lafna Dr. Neseeba C.A	13 th and 14 th February 2021	Delegates
3	International Diabetic Foot Guidelines (IWGDF Guidelines) to Doctors in India	Dr.Vishnu B.S.	27 th February 2021	Delegate
4	CAHO -ISQua Webinar : Clinical Communication in Challenging Solutions	Dr.Vishnu B.S.	2 nd March 2021	Delegate
5	AFPI CPD Lifestyle Medicine -Beyond Conventional Medicine	Dr.Vishnu B.S.	27 th March 2021	Delegate
6	WONCA Young Doctors Movements Webinars: Lifestyle Medicine	Dr.Vishnu B.S.	28 th March 2021	Delegate

7	Management Protocol for COVID 19 in the Newborn and Paediatric Age group organized by Ministry of Health and Family Welfare , Govt of India	Dr.Vishnu B.S.	10 th May 2021	Delegate
8	AFPI Kerala Chapter South Zone Mid Year CME (Academy of Family Physicians of India)	Dr.Namita U.	18 th May 2021	Presenter
9	AFPI Kerala Chapter South Zone Mid Year CME (Academy of Family Physicians of India)	Dr.Safdar Basheer Dr.Vishnu B.S. Dr.Bijin Joseph Dr.Anju Prasad Dr.Arya Prasad Dr.Sajida E. Dr.Shana Sherin Dr.Asna Muth Dr.Aparna S. Dr.Jithin Joseph Dr.Fathima Lafna Dr.Neseeba C.A.	18 th May 2021	Delegates
10	Clinical Infectious Diseases Society invites webinar on COVID 19.	Dr.Vishnu B.S.	22 nd May 2021	Delegate
11	Jothydev's Professional Education Forum(JPEF) 2021	Dr.Vishnu B.S.	9 th to 11 th July 2021	Delegate
12	Spice Route India FM 360 Virtual Exchange	Dr.Vishnu B.S.	10 th September 2021	Delegate

APPRECIATION

- Dr.Vishnu B.S. selected as the Member of Academic Research Cell of AFPI Kerala Chapter

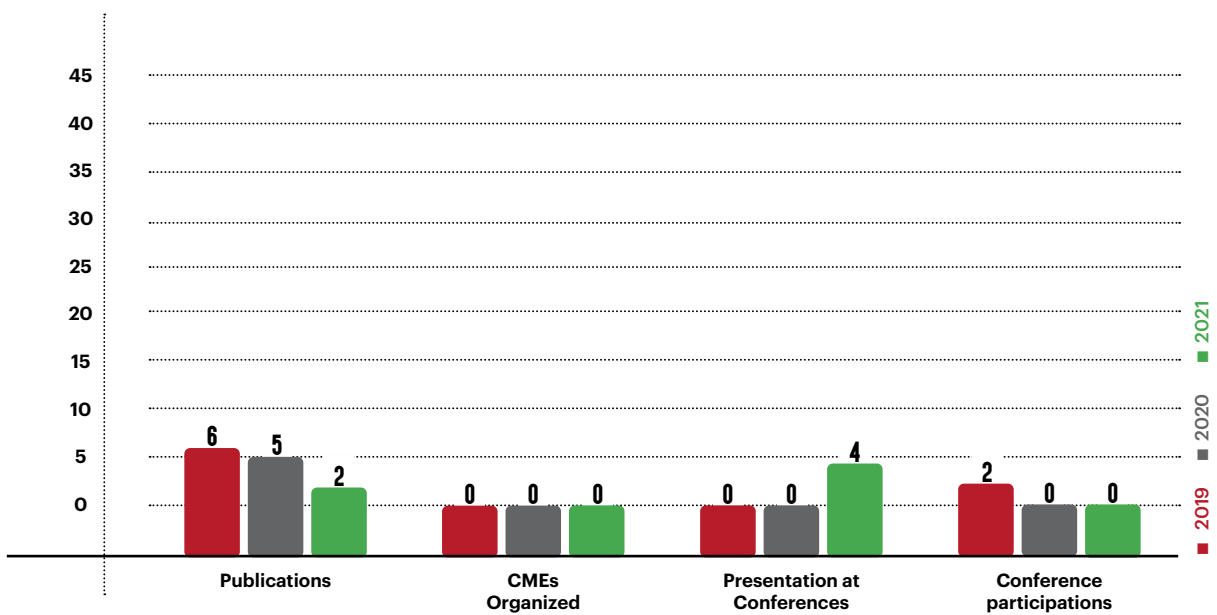
OTHER ACTIVITIES

1	Dr. Arya Prasad final year resident has taken a class on "Leprosy" to ASHA workers as part of leprosy awareness programme - Ashwametham at PHC, Veli
2	Dr. Shana Sherin P. , Final year resident has taken a class on Pneumococcal vaccines to ASHA workers at PHC Veli on 10 th October 2021
3	Dr. Arya Prasad and Dr. Shana Sherin P., final year resident attended Vitamin A prophylaxis programme conducted for children aged 6 months to 5 years at CISF headquarters on 18 th October 2021
4	Dr. Shana Sherin P., Dr. Arya Prasad, and Dr. Asna Muth P., final year residents attended a medical camp conducted at Technopark for migrant workers on 29 th October 2021.
5	Dr. Fathima Lafna, second year resident was a part of the Diabetes day camp conducted on 14 th November 2021 at Kalayikkavilai





DEPARTMENT OF GASTROENTEROLOGY



COMPARISON OF ACADEMIC ACTIVITIES : 2019, 2020 & 2021

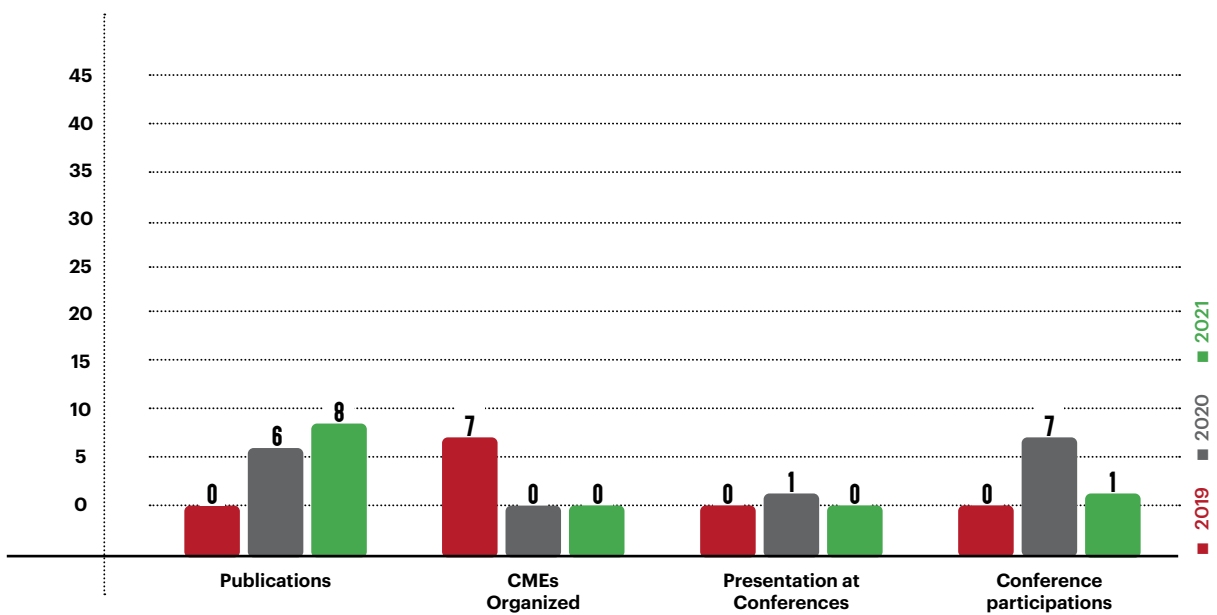
SCIENTIFIC PUBLICATIONS

- Kothakota SR, Kumar Nair A, Sasidharan M, Kareem H, Praveen Kumar C, Kanala J. Extrapulmonary Sarcoidosis Manifested as Cirrhosis with Portal Hypertension. Middle East J. Dig. Dis. [Internet]. 2021 May 29 [cited 2022 Jan 10]; 13(2):160–2. Available from: <http://mejdd.org/index.php/mejdd/article/view/2312>
- Praveen Kumar C, Kothakota SR, Sasidharan M, Kareem H, Nair AK Kanala J. Role of neutrophil to lymphocyte ratio in acute pancreatitis: Retrospective analysis. Trop. gastroenterol. (In press, October 2021)

PAPER PRESENTATIONS IN CONFERENCES

SI No	Name of the conference, Date & Venue	Name of the presenter	Title of the presentation
1	AICC RCOG Annual conference, 1 st to 3 rd October 2021, Virtual	Dr Harish Karim	Budd Chiari syndrome complicating pregnancy: A case Report
2	ISGKCON - Virtual Annual conference, 2 nd and 3 rd October 2021	Dr Harish Kareem	Spiral Enteroscopy - where are we now (paper)
		Dr Madhu Sasidharan	ERCP in Pregnant lady with esophageal stricture (Video)(3 rd Prize)
		Dr Amit A Daphale	Spiral Enteroscopy - KIMS experience(Poster)

DEPARTMENT OF **GENERAL SURGERY**



COMPARISON OF ACADEMIC ACTIVITIES : 2019, 2020 & 2021

SCIENTIFIC PUBLICATIONS

- K.N. Vijayan, Mohamad S, S. Akash. Surgical Management of RetroSternal(Intrathoracic) Goitre. Kerala Surg J . 2021;27:193-8
- Knight SR, Shaw CA, Pius R, Drake TM, Norman L, Ademuyiwa AO, et al. Global variation in postoperative mortality and complications after cancer surgery: a multicentre, prospective cohort study in 82 countries. The Lancet [Internet]. 2021 Jan [cited 2022 Jan 10];397(10272):387–97. Available from: <https://linkinghub.elsevier.com/retrieve/pii/S0140673621000015>
- Vijayan KN, Chandru KR, Successful Medical Management for Bleeding Lingual Thyroid. BMH Med. J. 2021; 8(1):41-44
- Safwan AM, Bharath VM, Robert AS, Jayaprakash M, Sunil BJ. Recurrent spindle cell carcinoma of tongue-report of a rare case in an unusual location. International Journal of Surgery and Surgical Research. 2021;3(1):14-16.
- Safwan AM, Vijayan KN. A Review on Rare Calciphylaxis Due to Primary Hyperparathyroidism. In: Karaman DR, editor. New Frontiers in Medicine and Medical Research Vol 3 [Internet]. Book Publisher International (a part of SCIENCEDOMAIN International); 2021 [cited 2022 Jan 10]. p. 59–68. Available from: <https://stm.bookpi.org/NFMMR-V3/article/view/3142>
- Zachariah SK, P AK, Jayadas R, Devi M. Obstructed Left Paraduodenal Hernia: A Rare Cause of Acute Abdomen in a COVID-19 Patient. Cureus [Internet]. 2021 Jul 8 [cited 2022 Jan 10]; Available from: <https://www.cureus.com/articles/63246-obstructed-left-paraduodenal-hernia-a-rare-cause-of-acute-abdomen-in-a-covid-19-patient/>
- Safwan AM, Khan SA, Vijayan KN, Vikraman, S Akash.A Curious Case of Migrated Mesh into the Urinary Bladder Following Laparoscopic Totally Extra-Peritoneal Inguinal Hernia Repair. Clin Surg J 4(S11): 11-14.
- SafwanM, KN Vijayan, AA Najeeb, TG Jithu. Post-coronavirus disease 2019 de quervain's thyroiditis – a case report and literature review. Innovare Journal of Medical Sciences.2021; 9(2): 4–6.

CONFERENCE PARTICIPATION

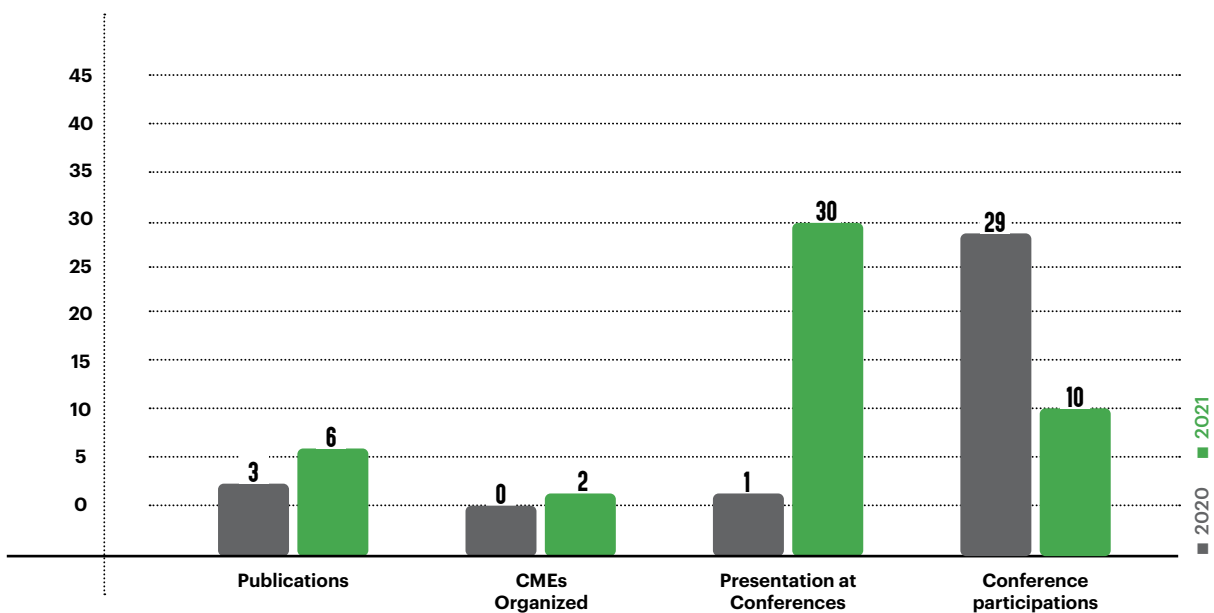
- Dr. Sanoop K. Zachariah was a faculty member at the Association of Surgeons of India's Annual Conference, KASICON, held on 10th and 11th July 2021, and led a session on COVID & THE SURGEON.

APPRECIATIONS

- The department conducted Two DNB final exit examinations on 25th March 2021 and 24th August 2021
- Dr. Firoz Khan attended the Fellowship in Robotic Surgery from 17th to 20th November 2021 in New Delhi
- Dr. Sanoop Koshy Zachariah has been named to the editorial boards of Frontiers in Visceral Surgery (Switzerland), Journal of Minimal Access Surgery (India), and Kerala Surgical Journal (KSJ)
- Research Bureau Veritas has accredited Dr. Mohammad Safwan as a General Surgery researcher in 2021.
- Dr. Mohammad Safwan, resident, received the ISSN Awards Research Vibhushan award (field-general surgery) on 13th October 2021



DEPARTMENT OF
**HIGH RISK PREGNANCY
AND PERINATOLOGY**



COMPARISON OF ACADEMIC ACTIVITIES : 2020 & 2021

SCIENTIFIC PUBLICATIONS

- Navakumar N, Vidyalekshmy R, Paul NA. Nonimmune Fetal Anemia: Exploring the Unfathomed! Case Series and Review of Literature. *Int. J. Infertil. Fetal Med.* [Internet]. 2021 Jan 25 [cited 2022 Jan 10];11(1):20–6. Available from: <https://www.ijifm.com/doi/10.5005/jp-journals-10016-1198>
- Nina N. ECMO in pregnant and postpartum women-a life saving procedure. *BJOG online* (Supplement in June 2021)
- Sabu B. VP22.14: Absent pulmonary valve syndrome: prenatal diagnosis and postnatal correlation with a review of literature. *Ultrasound Obstet Gynecol* [Internet]. 2021 Oct [cited 2022 Jan 10];58(S1):191–191. Available from: <https://onlinelibrary.wiley.com/doi/10.1002/uog.24358>
- Navakumar N, Yadav MK, Vidyalekshmy R, Paul NA. Role of Pelvic Artery Embolisation in Postpartum Hemorrhage. *Crit Care Obst Gyne.* 2021; 7 (3):29.
- Sambangi M, Navakumar N, Ranganayaki V. Varicella Infection During Pregnancy- Maternal and Fetal Outcome; Case Series and Analysis in a Tertiary Centre in South India. *J. Obstetrics Gynecology and Reproductive Sciences.* 2021; 5(4). DOI: 10.31579/2578-8965/071
- Sabu B, Khan T, R V, Jain N. Congenital Intracranial Teratoma—An Intractable Enigma: A Case Report and Review of Literature. *J. Fetal Med.* [Internet]. 2021 Sep [cited 2022 Jan 10];8(3):231–5. Available from: <https://link.springer.com/10.1007/s40556-021-00314-6>

CONTINUING MEDICAL EDUCATION ACTIVITIES

- The department hosted a digital state level CME in observance of World Down Syndrome Day on 22nd March 2021.
- Hosted KIMSEALTH Monthly Webinar on “Prenatal Screening: A Tool to Predict, Prevent and Prepare” on 7th October 2021

PAPER PRESENTATIONS IN CONFERENCES

SI No	Name of the conference, Date & Venue	Name of the presenter	Title of the presentation
1	Gestational Genetics: a practitioner's approach, 20 th May 2021, Virtual	Dr. Brinda Sabu	Mandible Abnormalities Craniosynostosis
2	Fetal Medicine webinar: imaging of foetus & labor, 23 rd May 2021, Virtual	Dr. Brinda Sabu	Guidelines to assess the growth of the fetus: what does it mean to you
3	RCOG World Congress 2021, 9 th to 12 th June 2021, Virtual	Dr. Brinda Sabu (Presenter) Dr. R. Vidyalekshmi Dr. P. Rafeekha Dr. Renu Thomas	Hemorrhagic adrenal pseudocyst in pregnancy- a successful conservative approach (E -POSTER) Congenital intracranial teratoma- the intractable enigma (E -POSTER)
		Dr. R. Vidyalekshmi	Takayasu arteritis in pregnancy(E -POSTER)
		Dr. Nina Navakumar	ECMO in pregnant and postpartum women-a life saving procedure(E -POSTER) <i>(Selected as highest scoring abstracts in RCOG world congress 2021)</i>
		Dr. Tazeen Khan, Dr. Nina Navakumar	Pregnancy Outcome and birth experience with COVID 19- A tertiary care centre study
		Dr. Brinda Sabu	Congenital spinal cord stenosis – A case report of two similar rare anomalies
		Dr. Brinda Sabu	Discordant CRL in Twins – Is it a matter of concern?
		4	Indian Academy of Echocardiography, 20 th June 2021
Dr. Brinda Sabu	Spectrum of fetal tetralogy of fallot		
Dr. Tazeen Khan	Congenital Heart Block (case presentation)		

5	Conference society for Ultrasound in Obstetrics and Gynecology, UK, 17 th and 18 th October 2021	Dr. Vidyalekshmy R. Dr. Nina Navakumar Dr. Brinda Sabu	Obstetrics and perinatal outcome in anti-Ro/SSA-Positive pregnant women: a ten year retrospective analysis (poster)
		Dr. Vidyalekshmy R. Dr. Nina Navakumar Dr. Tazeen Khan	Comparison of Low-risk and high-risk pregnancy outcome based on cerebroplacental Ratio (CPR) (poster)
6	Fetal medicine foundation India research webinar series, 30 th September 2021	Dr. Nina Navakumar	Non immune fetal anemia
7	AICC RCOG Annual conference, 1 st to 3 rd October 2021, Virtual	Dr. Nina Navakumar Dr. Vijayalekshmi R. Dr. Vidyalekshmy R.	Evans syndrome complicating pregnancy case report (Poster)
		Dr. Tazeen Khan Dr. Nina Navakumar Dr. Vidyalekshmy R. Dr. Brinda Sabu	Primary CS rate audit (Oral presentation)
		Dr. R. Vidyalekshmi	Assessment of chorionicity beyond twins (Speaker)
		Dr. Nina Navakumar Dr. Tazeen Khan Dr. Vidyalekshmi R.	COVID-19 induced pre-eclampsia like syndrome: a management dilemma and an evolving enigma (Poster)
		Dr. Vidyalekshmy R.	A challenging case of hypertrophic cardiomyopathy complicating pregnancy (Poster)
		Dr. Tazeen Khan Dr. Vidyalekshmy R. Dr. Brinda Sabu Dr. Nina Navakumar	Association of different categories of prenatal urinary tract dilatation with postnatal urological outcomes-a prospective observational study" (Poster)
		Dr. Vidyalekshmy R	An unique case of ovarian cyst in pregnancy (Poster)
		Dr. Nina Navakumar Dr. Vidyalekshmy R.	Case Series of Critically Ill Covid in Pregnancy-Management Dilemmas (Poster)
		Dr. Nina Navakumar Dr. Vidyalekshmy	Vertical transmission of Covid in pregnancy case report (Poster)
		Dr. Tazeen Khan, Dr. Nina Navakumar Dr. Vidyalekshmy R.	Uterine artery pseudoaneurysm in pregnancy case report (Poster)
		Dr. Vidyalekshmy R. Dr. Nina Navakumar Dr. Brinda Sabu Dr. Vijayalekshmi R.	Budd Chiari syndrome complicating pregnancy: A case Report
		Dr. Nina Navakumar	2 Case reports of uterine artery pseudoaneurysm in pregnancy and postpartum-successfully embolised
Dr. Tazeen Khan, Dr. Nina Navakumar, Dr. Vidyalekshmy R	Improving statistics of primary caesarean section rate by auditing labour management protocols		
8	KIMSHEALTH webinar, 7 th October 2021	Dr. Brinda Sabu	Prenatal screening: A tool to predict, prevent and prepare
9	CAHO webinar - 21 st October 2021	Dr. Vidyalekshmy R	Make mother healthy
9	Indian Academy of Echocardiography, Kerala Chapter, Virtual Conference, 12 th December 2021	Dr. Vidyalekshmi R.	Keynote Lecture: HLHS: My 10 year foetal echo experience

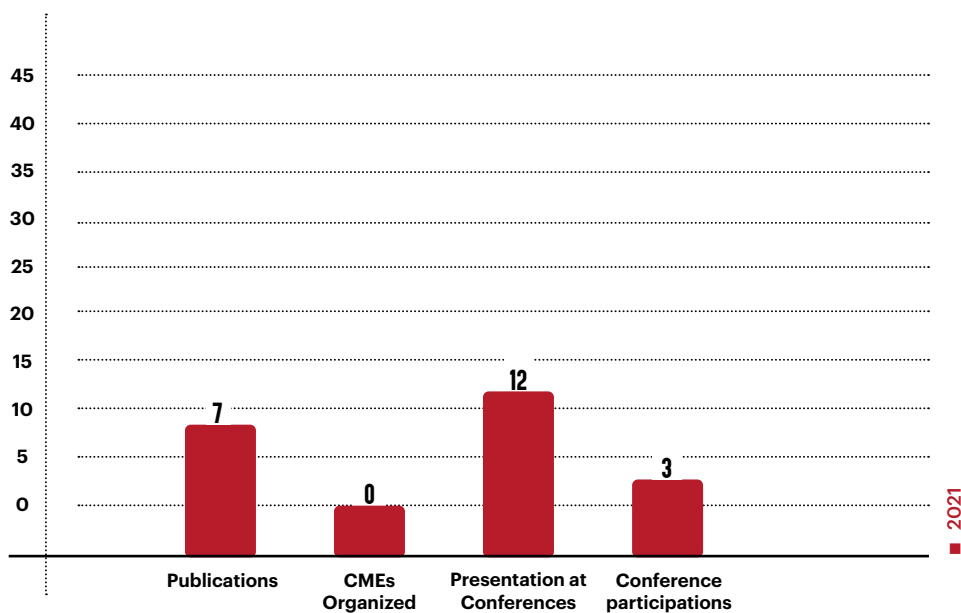
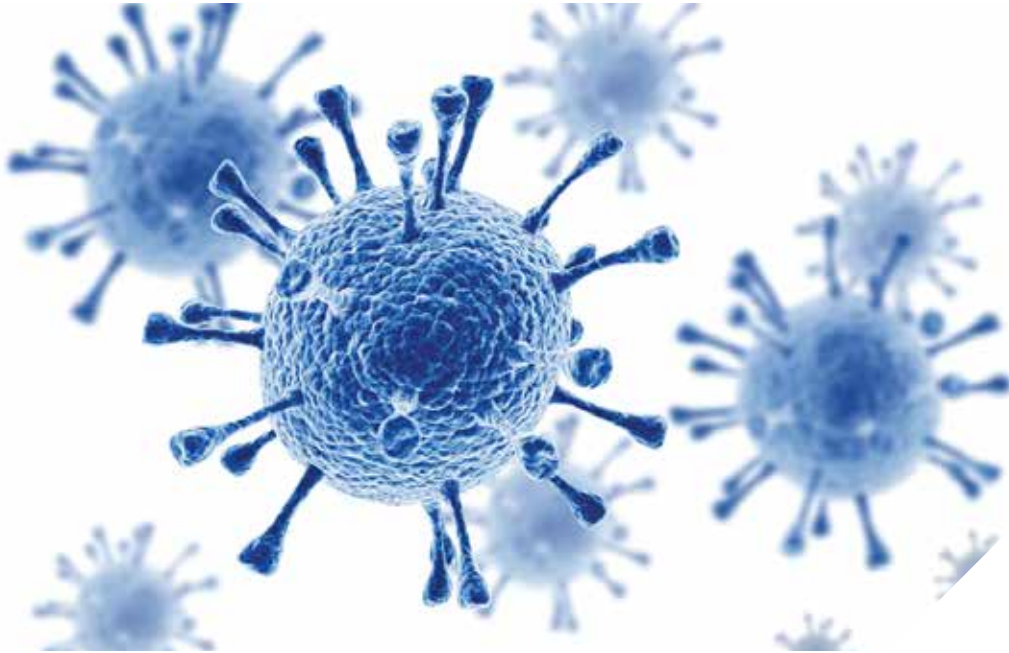
CONFERENCE PARTICIPATION

SI No	Name of the program	Name	Date	Role
1	A webinar on Natural birthing -way to move forward , Virtual	Dr. Vidyalekshmi R.	17 th April 2021	Moderator
2	Management dilemmas & experience of COVID in pregnancy in a tertiary care hospital, Virtual	Dr. Vidyalekshmy R.	29 th May 2021	Moderator
		Dr. Nina Navakumar		Panelist
3	RCOG virtual World Congress, Virtual	Dr. Nina Navakumar	9 th to 12 th June 2021	Delegates
		Dr. Brinda Sabu		Panelist
4	Webinar on Zika Virus Disease	Dr. Vidyalekshmy R.	17 th July 2021	Speaker
5	Conference of the Society of Fetal Medicine	Dr. Vidyalekshmi R.	6 th August 2021	Moderator
		Dr. Nina Navakumar		Panelist
6	KIMSHEALTH webinar : Prenatal screening	Dr. Vidyalekshmi R.	7 th October 2021	Chairperson
7	31 st World Congress on Ultrasound in Obstetrics and Gynecology	Dr. Brinda Sabu	15 th to 17 th October 2021	Speaker
		Dr. Vidyalekshmi R.		Delegates

APPRECIATIONS

- The USG images from Dr. Brinda Sabu, Dr. Tazeen Khan, Dr. Vidyalekshmy R, and Dr. Naveen Jain's article "Congenital Intracranial Teratoma:An Intractable Enigma: A Case Report and Review of Literature" published in Journal of Fetal Medicine (August 2021) have been chosen as the cover page of the October issue of the same Journal.
- Dr. Nina Navakumar was granted the MRCOG in December 2021.
- On-going Research Programmes - Zika virus in pregnancy – Maternal & Perinatal outcome
- Symposium conducted - Dr. Nina Navakumar conducted a symposium on Infections in Pregnancy to FNB & DNB OB&G fellows
- Audit Conducted - Dr. Nina Navakumar and Dr. Tazeen Khan conducted an Audit on Primary CS Rate and Perinatal Mortality in the Department

DEPARTMENT OF INFECTIOUS DISEASES



* Academic activities were not separately reported earlier

ACADEMIC ACTIVITIES : 2021

SCIENTIFIC PUBLICATIONS

- Niyas VKM, Arjun R. Breakthrough COVID-19 infections among health care workers after two doses of ChAdOx1 nCoV-19 vaccine. QJM; QJM-INT J MED [Internet]. 2021 Dec 20 [cited 2022 Jan 10];114(10):757-8. Available from: <https://academic.oup.com/qjmed/article/114/10/757/6297399>.
- Niyas VKM, Arjun R. Response to: The new context in which breakthrough infections might emerge. QJM; QJM-INT J MED [Internet]. 2021 Jul 2 [cited 2022 Jan 10]; Available from: <https://academic.oup.com/qjmed/advance-article/doi/10.1093/qjmed/hcab183/6313177>
- Arjun R, Felix V, Niyas VKM, Kumar MAS, Krishnan RB, Mohan V, et al. COVID-19-associated rhino-orbital mucormycosis: a single-centre experience of 10 cases. QJM: An International Journal of Medicine [Internet]. 2022 Jan 5 [cited 2022 Jan 10]; 114(11):831-4. Available from: <https://academic.oup.com/qjmed/article/114/11/831/6310755>
- Rajalakshmi A, John KE, Niyas VKM, Nair SR, Mohan V, Ratheesh RS. Achromobacter spp. Bacteremia outbreak related to contaminated furosemide ampoules. Le Infezioni in Medicina, n. 3, 427-433, 2021
- Niyas VKM, Arjun R. Breakthrough COVID-19 infections among health care workers after two doses of ChAdOx1 nCoV-19 vaccine. QJM; QJM-INT J MED [Internet]. 2021 Dec 20 [cited 2022 Jan 10];114(10):757-8. Available from: <https://academic.oup.com/qjmed/article/114/10/757/6297399>
- Niyas VKM, Arjun R. Response to: The new context in which breakthrough infections might emerge. QJM; QJM-INT J MED [Internet]. 2021 Jul 2 [cited 2022 Jan 10]; Available from: <https://academic.oup.com/qjmed/advance-article/doi/10.1093/qjmed/hcab183/6313177>
- Arjun R, Felix V, Niyas VKM, Kumar MAS, Krishnan RB, Mohan V, et al. COVID-19-associated rhino-orbital mucormycosis: a single-centre experience of 10 cases. QJM; QJM-INT J MED [Internet]. 2022 Jan 5 [cited 2022 Jan 10];114(11):831-4. Available from: <https://academic.oup.com/qjmed/article/114/11/831/6310755>
- Arjun R, Niyas VK, Sasidharan A, Rahulan SD. ICU-acquired Candidemia in COVID-19 Patients: An Experience from a Tertiary Care Hospital in Kerala, South India. Indian Journal of Critical Care Medicine [Internet]. 2021 Oct 26 [cited 2022 Jan 10];25(10):1207-8. Available from: <https://www.ijccm.org/doi/10.5005/jp-journals-10071-23980>

PAPER PRESENTATIONS IN CONFERENCES

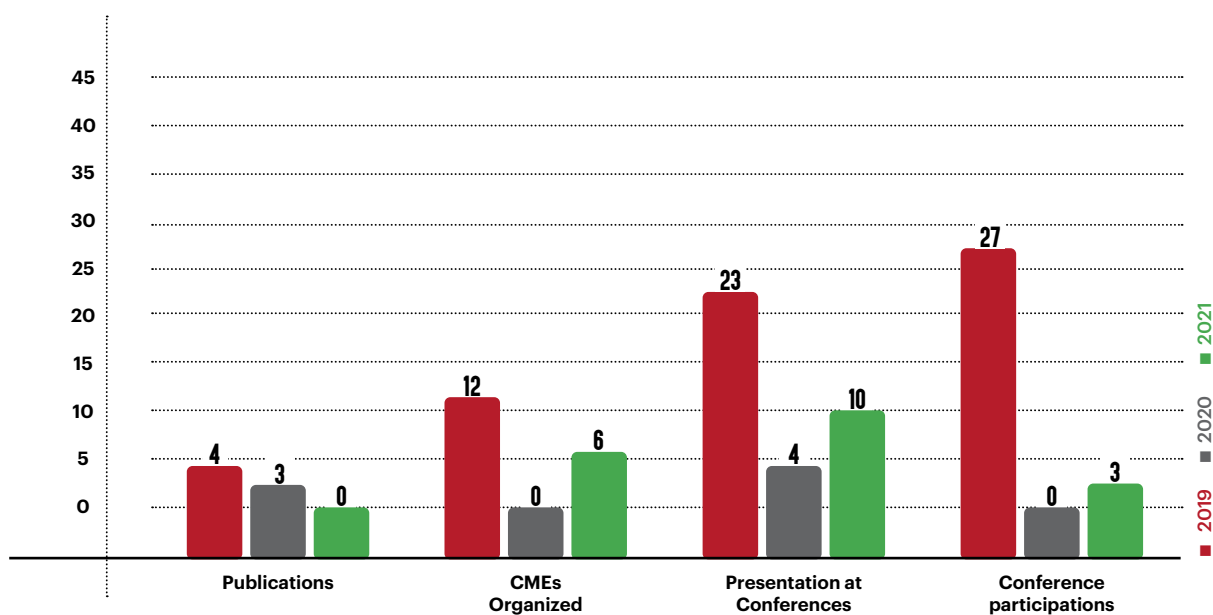
SI No	Name of the conference, Date & Venue	Name of the presenter	Title of the presentation
1	COVID-19 the current challenges (in remembrance of Prof. A. Joseph), 21 st May 2021, Virtual	Dr. A Rajalakshmi	The struggle of managing COVID-19 in a private hospital wanting to maintain a good public image
		Dr. Muhammed Niyas	Current status of the benefits of COVID-19 vaccination - Controversy
2	AICC RCOG Annual conference, 1 st to 3 rd October 2021, Virtual	Dr. Muhammed Niyas Dr. A. Rajalakshmi	Case Series Of Critically Ill COVID In Pregnancy-Management Dilemmas (Poster)
		Dr. A. Rajalakshmi Dr Muhammad Niyas	Vertical transmission of COVID in pregnancy case report (Poster)
		Dr.Muhammad Niyas	COVID-19 induced preeclampsia like syndrome case reports (Poster)
3	CME at SankaraNethralaya, Chennai, 11 th November 2021	Dr. A. Rajalakshmi	TB and Infection control in hospitals- for IC doctors
4	Masterclass Indian-Dutch Antimicrobial Stewardship (MIDAS), 25 th to 28 th November 2021	Dr. A. Rajalakshmi	AMSP implementation barriers and facilitators in a large private hospital - how do we do it?
5	CME at Medicity, Kollam, 20 th November 2021	Dr. A. Rajalakshmi	AMSP implementation - for doctors, microbiologists and pharmacologists and pharmacists
6	AFPI (Academy of Family Physicians of India), 18 th May 2021, Virtual	Dr. Mohammed Niyas	Taming the storm-Where are now an update on 2 nd wave of COVID-19

7	Annual conference of the International Society of Infectious Diseases (IMED 2021), 5 th November 2021	Dr. Muhammad Niyas Dr. A. Rajalakshmi Dr. Vinod Felix Dr. Suresh Kumar M. Dr. Sree L. Dept of ENT	COVID-19 associated Invasive Rhinosinusitis: Retrospective analysis of 15 cases
8	IDWeek 2021, 29 th September to 3 rd October 2021, Virtual	Dr. Mohammed Niyas Dr. A. Rajalakshmi Mr. Jeffrey Mr. Arun S.S. Ms. Aswathy S.S.	Most Psoas Abscesses are Pyogenic; not Tuberculous Experience from South India.
		Dr. Mohammed Niyas Dr. A. Rajalakshmi Ms. Aswathy S.S.	Epidemiology and microbiology of infective Endocardities

CONFERENCE PARTICIPATIONS

SI No	Name of the program	Name	Date	Role
1	Management dilemmas & experience of COVID in pregnancy in a tertiary care	Dr. A. Rajalakshmi	29 th May 2021	Panelist
2	Infection control in COVID- CME of IC by Sankara Nethralaya, Chennai	Dr. A. Rajalakshmi	12 th August 2021	Faculty
3	HAI - SSI & CAUTI - risk factors and prevention- 1 year program on IC, CMC Vellore	Dr. A. Rajalakshmi	2021	Faculty

DEPARTMENT OF INTERNAL MEDICINE



**Report includes activities of Departments of Dermatology and Pathology*

COMPARISON OF ACADEMIC ACTIVITIES : 2019, 2020 & 2021

CONTINUING MEDICAL EDUCATION ACTIVITIES

SI No	Name of the program	Type of Programme	Date	No. Hours
1	Clinicopathological Meeting (Zoom)	Internal CME by the Dept of Pathology	7 th April 2021	1
2	Clinicopathological Meeting (Zoom)	Internal CME by the Dept of Pathology	23 rd June 2021	1
3	IgG4 related disease an update, KIMSHEALTH Trivandrum	State level CME by the Dept of Pathology	23 rd July 2021	1
4	Clinicopathological Meeting (Zoom)	Internal CME by the Dept of Pathology	13 th August 2021	1
5	Clinicopathological Meeting (Zoom)	Internal CME by the Dept of Pathology	23 rd September 2021	1
6	Clinicopathological Meeting Zoom)	Internal CME by the Dept of Pathology	27 th October 2021	1

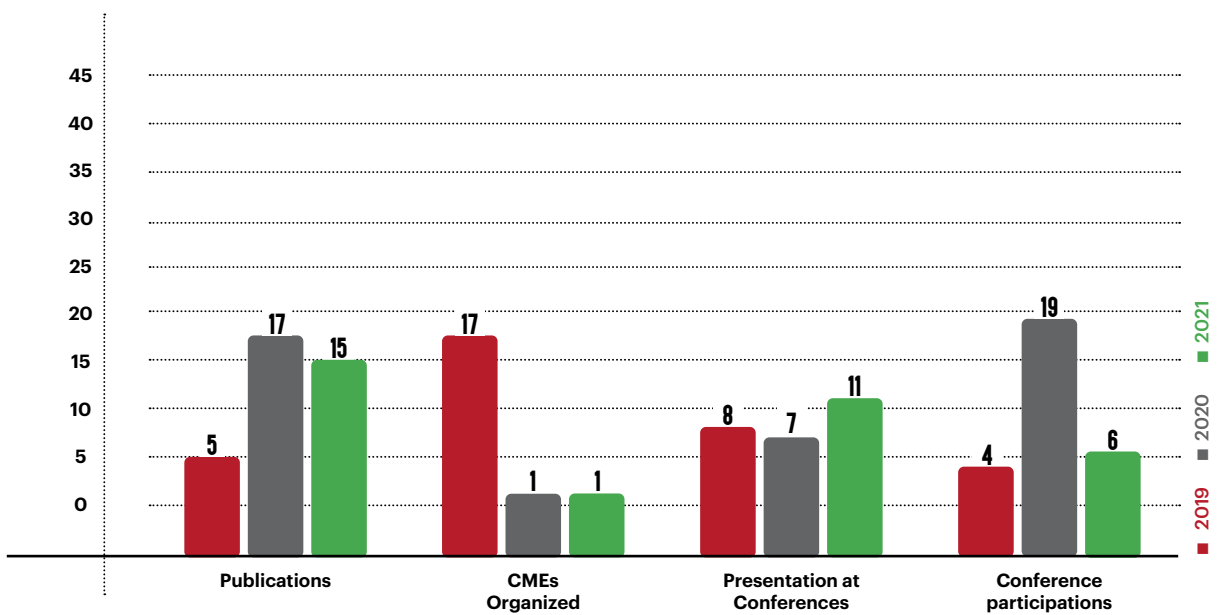
PAPER PRESENTATIONS IN CONFERENCES

SI No	Name of the conference, Date & Venue	Name of the presenter	Title of the presentation
1	86th IAPM, Kerala Chapter on Slide Seminar on Pathology of Bone and Joints, 7 th March 2021, Virtual	Dr. Ann Susan Wilson	Presented long case for discussion in slide seminar- Liposclerosing Myxofibrous tumour of rib
		Dr. Nair Parvati Ramachandran Dept of Pathology	Short case in Slide Seminar - Intraosseous Ganglion of left 2 nd toe
3	IgG4 related disease an update on 23 rd July 2021, KIMSHEALTH, Trivandrum	Dr. Rachel Abraham Dept of Pathology	Histopathology and Immunohistochemistry of IgG4 disease
		Dr. Rajesh S. Dept of Rheumatology	Clinical spectrum and management of IgG4 disease
2	API Association of Physicians of India), 9 th May 2021, Virtual	Dr. Sushruthan Ramakrishnan Dr. Mathew Tomas Dept of General Medicine	A case of chronic respiratory infection
	COVID-19 the current challenges (in remembrance of Prof.A.Joseph), 21 st May 2021, Virtual	Dr. Ashalatha Nair Dept of Microbiology	Diagnostic tests in COVID -19 merits and demerits
	Indian association of Dermatologists, Venereologist and Leprologist, 9 th June 2021, Virtual	Dr. Rema Devi T.J. Dept of Dermatology	Clinical evaluation of alopecia areata
4	ACSICON 2021, 19 th National Conference of Association of Cutaneous Surgeons (India), 3 rd to 5 th September 2021, Guwahati, Assam	Dr. Rema Devi Dept of Dermatology	Chemical peeling – prerequisites, preepeel and postpeel care
5	SARCOIDOSI (KIMSHEALTH Pathology scientific programme) on 18 th Nov 2021	Dr. Lakshmi K. Dept Pathology	Treatment and prognosis

CONFERENCE PARTICIPATIONS

SI No	Name of the program	Name	Date	Role
1	IgG4 related disease an update, KIMSHEALTH Trivandrum	Dr. K.R. Leena Devi Dept of Pathology	23 rd July 2021	Faculty
2	Practitioner's Forum IADVL Kerala, Virtual	Dr. Asha Zachariah Dept of Dermatology	15 th August 2021	Panelist
3	Immune Blistering Disorders at the 9 th Mid Year Annual Conference of Indian Association of Dermatologists, Venereologists & Leprologists	Dr. Remadevi T.J. Dept of Dermatology	29 th October 2021	Panelist

DEPARTMENT OF NEONATOLOGY



COMPARISON OF ACADEMIC ACTIVITIES : 2019, 2020 & 2021

SCIENTIFIC PUBLICATIONS

- Sathyan S, Pournami F, Madhavilatha GK, Tuteja A, Nandakumar A, Prabhakar J, et al. Homozygous Missense Mutation on Exon 22 of PKHD1 Gene Causing Fatal Autosomal Recessive Polycystic Kidney Disease. *J. Child Sci* [Internet]. 2021 Jan [cited 2022 Jan 10];11(01):e70–3. Available from: <http://www.thieme-connect.de/DOI/DOI?10.1055/s-0041-1725175>
- Pillai A, Pournami F, Prabhakar J, Nair P, Jain N. Effect of Early Parent Participation Program on Physiological Stability in Preterm Infants: A Randomized Controlled Trial. *Am J Perinatol* [Internet]. 2021 Mar 23 [cited 2022 Jan 10];s-0041-1726126. Available from: <http://www.thieme-connect.de/DOI/DOI?10.1055/s-0041-1726126>
- Anand V, Pournami F, Madhavilatha GK, Prabhakar J, Nandakumar A, Jain N. Genetic Testing in Neonatal Intensive Care: Experience from a Tertiary Care Unit. *Indian J Pediatr* [Internet]. 2021 Apr [cited 2022 Jan 10];88(4):398–9. Available from: <https://link.springer.com/10.1007/s12098-020-03639-8>
- Anand V, Pournami F, Nandakumar A, Prabhakar J, Jain N. Precision Medicine with Genetic Testing in Neonatal Intensive care. *J. Child Sci* [Internet]. 2021 Jan [cited 2022 Jan 10];11(01):e216–7. Available from: <http://www.thieme-connect.de/DOI/DOI?10.1055/s-0041-1733875>
- Femitha P. Neonatal Pulmonary Graphics. In: Plakkal N, B. Bhat V(Eds). India: *Indian J. Pediatr.*; 2021.
- M.K AK, Pournami F, Prabhakar J, Nandakumar A, Jain N. Iron Status of the Moderate and Late Preterm Infant: A Prospective Cohort Study. *J. Trop. Pediatr.* [Internet]. 2021 Oct 6 [cited 2022 Jan 10];67(5). Available from: <https://academic.oup.com/tropej/article/doi/10.1093/tropej/fmab088/6401040>
- Jyothi P. Procedures in newborns. In. Deorari A, Parekh BJ, Pejaver RK, Thakre R, Murki S, Kabra NS et al. Daryaganj, New Delhi: Jaypee Brothers Medical Publishers (P), Ltd; 2021
- Femitha P. Neonatal hyperglycaemia. In. Deorari A, Parekh BJ, Pejaver RK, Thakre R, Murki S, Kabra NS et al. Daryaganj, New Delhi: Jaypee Brothers Medical Publishers (P), Ltd; 2021
- Anand N. Floppy infant. In. Deorari A, Parekh BJ, Pejaver RK, Thakre R, Murki S, Kabra NS et al. Daryaganj, New Delhi: Jaypee Brothers Medical Publishers (P), Ltd; 2021
- Sathyan S, Femitha P, Panackala AV, Anand N, Prabhakar J, Jain Naveen, PMC Nair. Perinatal Chikungunya – A Report of 2 Cases. *Fetus and Newborn.* 2021 Jan;51(1):103-105.
- Prakash R, Pournami F, Prabhakar J, Nandakumar A, Nair PMC, Jain N. Duration of Caffeine for Apnea of Prematurity—A Randomized Controlled Trial. *Indian J Pediatr* [Internet]. 2021 Dec [cited 2022 Jan 10];88(12):1174–9. Available from: <https://link.springer.com/10.1007/s12098-021-03659-y>
- Sahil A, Femitha P, Anand N, Jyothi P, Naveen J. Neurodevelopmental outcomes of preterm infants at preschool age- 8 years’ experience from a level IIIB unit. E- SOUVENIR of 11th AOCN International Annual Conference held 9th to 11th April 2021
- Reddy GVSK, Femitha P, Anand N, Jyothi P, Naveen J. Hammersmith neonatal neurological examination before discharge: a diagnostic study evaluating prediction of neurodevelopmental outcomes. E- SOUVENIR of 11th AOCN International Annual Conference held 9th to 11th April 2021
- Pournami F. The Neonatal Resuscitation Protocol: Keep It Simple? *Indian Pediatr.* [Internet]. 2021 May [cited 2022 Jan 10];58(5):491–2. Available from: <https://link.springer.com/10.1007/s13312-021-2224-4>
- Kumar M.KA, Femitha P, Jyothi P, Anand N, Naveen J. Iron Status of the Moderate and Late Preterm Infant: A Prospective Cohort Study. *J. Trop. Pediatr.* 2021, 67(5), 1–9

CONTINUING MEDICAL EDUCATION ACTIVITIES

- The department hosted KIMSHEALTH monthly webinar on “The Journey of a Tiny Baby” on 2nd September 2021

PAPER PRESENTATIONS IN CONFERENCES

Sl No	Name of the conference, Date & Venue	Name of the presenter	Title of the presentation
1	Child Neuro Con 2021 (11th AOCN international annual conference), 9th to 11 th April 2021, virtual meeting hosted by KIMSHEALTH, Trivandrum.	Dr. Femitha P., Dr. Sahil A. Dr. Jyothi Prabhakar Dr. Anand N. Dr. Naveen Jain	Neurodevelopmental outcomes of preterm infants at preschool age - 8 years’ experience from a Level 3B unit (E-poster)
		Dr. Femitha P. Dr. Sujith Kumar Reddy G.V. Dr. Jyothi Prabhakar Dr. Anand N., Dr. Naveen Jain	Predictive ability of Early Hammersmith Neonatal Neurological examination in high risk neonates (E-Poster)

2	Webinar entitled NEOPRACS-2021, 24 th April 2021, Virtual	Dr. Arif A.K.	Case of neonatal encephalopathy
		Dr. Sajna Sathyan	Case of extreme low birth weight baby with intact neurological outcome
3	Kerala State Neocon 2021, 7 th to 9 th May 2021, Virtual	Dr. Arif A.K., Dr. Femitha P., Dr. Anand N., Dr. Jyothi Prabhakar, Dr. Naveen Jain	Measuring what matters: Respiratory archetypes in extreme premies - Award paper category
		Dr. Vishnu Anand, Dr. Femitha P., Dr. Anand N., Dr. Jyothi Prabhakar, Dr. Naveen Jain	Advocacy for microsampling techniques in Neonatal intensive care: Transfusion requirements before and after implementation of Blood Conservation strategies : Oral paper category
		Dr. Aswathy B., Dr. Femitha P., Dr. Anand N., Dr. Jyothi Prabhakar, Dr. Naveen Jain	Basic Life support is not an esoteric science: Training parents of ICU graduates and its effect on domains of learning
		Dr. Arif A.K., Dr. Femitha P., Dr. Anand N., Dr. Jyothi Prabhakar, Dr. Naveen Jain	Is early Intravenous phosphorus a game changer? incidence of Metabolic bone disease of prematurity after implementation of Bone Safe Bundles.
4	KIMSHEALTH monthly webinar, 2 nd September 2021	Dr. Naveen Jain	Journey of a tiny Baby
5	AICC RCOG Annual conference, 1 st to 3 rd October 2021, Virtual	Dr. Naveen Jain	Association of different categories of prenatal urinary tract dilatation with postnatal urological outcomes-a prospective observational study" (Poster)
6	National NNF Neocon 2021 Bangalore, 16 th to 19 th December 2021	Dr. Femitha P.	Advanced brain function monitoring in NICU

CONFERENCE PARTICIPATION WITHOUT PRESENTATION

SI No	Name of the program	Name	Date	Role
1	Webinar entitled NEOPRACS-2021, Virtual	Dr. Naveen Jain	24 th April 2021	Panelist
2	Management dilemmas & experience of Covid in pregnancy in a tertiary care hospital, Virtual	Dr. Naveen Jain	29 th May 2021	Panelist
3	National NNF NEOCON 2021, Bangalore	Dr. Naveen Jain Dr. Femitha P	16 th to 19 th December 2021	Faculty for workshop on Neurodevelopmental follow up of high risk neonates
4	Indian Academy of Pediatrics – Neonatology chapter: FEAT	Dr. Naveen Jain Dr. Femitha P	December 2021	Faculty

APPRECIATIONS

- Dr. Aswathy B., Dr. Femitha P, Dr. Anand N., Dr. Jyothi Prabhakar, Dr. Naveen Jain won the First prize in the oral paper presentation on "Basic Life support is not an esoteric science: Training parents of NICU graduates and its effect on domains of learning" and Dr. Arif A.K., Dr. Femitha P., Dr. Anand N., Dr. Jyothi

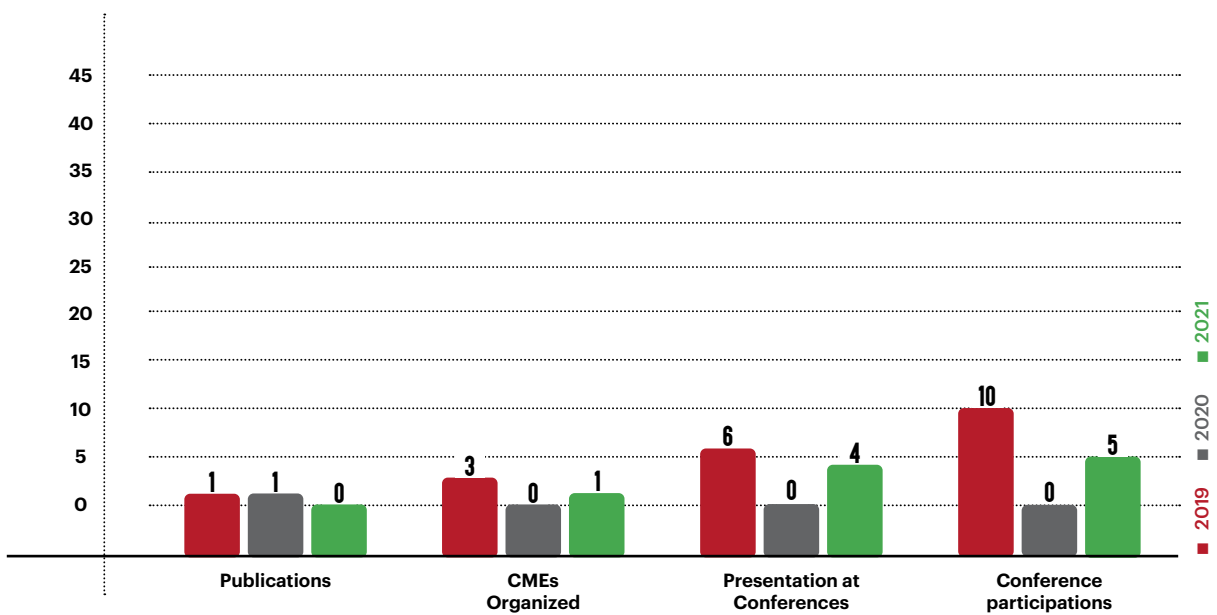
Prabhakar, Dr. Naveen Jain won the Second prize in the oral paper presentation on “Is early Intravenous phosphorus a game changer? incidence of Metabolic bone disease of prematurity after implementation of Bone Safe Bundles” at Kerala State Neocon 2021 held on 7th to 9th May 2021, Virtual.

- Distinguished Teacher Award - ANBAI South Zone



Dr. Naveen Jain has been awarded Distinguished Teacher Award - ANBAI South Zone at the ANBAI National Conclave 2021 held on 5th August 2021, Hyderabad

DEPARTMENT OF **NEPHROLOGY**



COMPARISON OF ACADEMIC ACTIVITIES : 2019, 2020 & 2021

CONTINUING MEDICAL EDUCATION ACTIVITIES

- The department hosted KIMSHEALTH Monthly webinar on "A 9 year old girl gets a gift-A Gift of Life" on 2nd December 2021. There were 83 participants in the webinar and the duration of it was one hour.

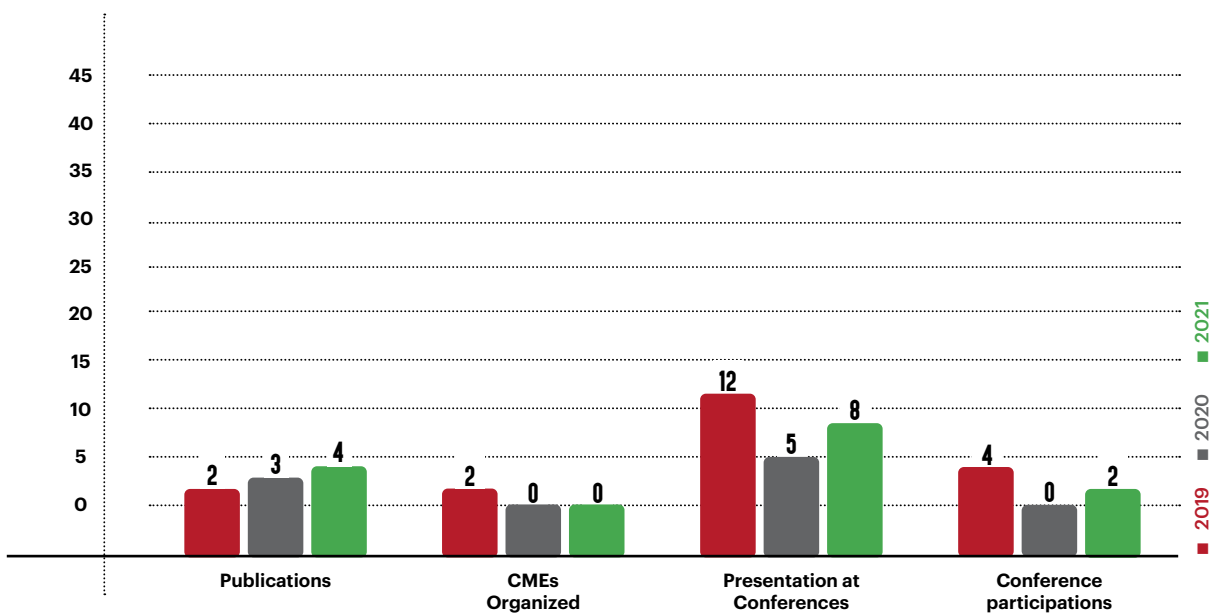
PAPER PRESENTATIONS IN CONFERENCES

SI No	Name of the conference, Date & Venue	Name of the presenter	Title of the presentation
1	NAK Conference (Nephrology Association of Kerala), 18 th August 2021	Dr. Shaun Jacob	A case of HLH following COVID vaccination (E- Poster)
2	ISOT 2021, 10 th October 2021	Dr. Elaiyaraja	Post Transplant lymphoproliferative disorders – A case series
		Dr. Meenu	Correlation between donor derived cell free DNA levels and acute allograft rejection
3	KIMSHEALTH Monthly webinar on "A 9 year old girl gets a gift-"A Gift of Life", 2 nd December 2021	Dr. Satish Balan	A 9 year old girl gets a gift -"A Gift of Life"

CONFERENCE PARTICIPATIONS

- Dr. Elaiyaraja, Dr. Meenu and Dr. Shamnad attended NAK Conference (Nephrology Association of Kerala) on 18th August 2021 as delegates.
- Dr. Shaun Jacob and Dr. Shamnad attended ISOT 2021 on 10th October 2021 as delegates.

DEPARTMENT OF **NEUROLOGY**



COMPARISON OF ACADEMIC ACTIVITIES : 2019, 2020 & 2021

SCIENTIFIC PUBLICATIONS

- Chandran S et al. Eye Movement Abnormalities in Movement Disorders. Essentials of Movement Disorders-A Problem Based Approach published by Nova Science Publishers, New York, USA
- Chandran S, Sugunan A, Shibu J. Case of paroxysmal kinesigenic myoclonus with episodic piloerection. Ann Indian Acad Neurol [Internet]. 2021 [cited 2022 Jan 10]; 0(0):0. Available from: <http://www.annalsofian.org/preprintarticle.asp?id=307431;type=0>
- Chandran S, Biradar V, Haridas S. Motor Stereotypy in Anti NMDAR Encephalitis. European Journal of Neurology
- Chandran S. Anti LGI1 Encephalitis–A Retrospective Analysis of Clinical Features and Treatment Response. Neurology 2021, 96 (15 Supplement) 2716

PAPER PRESENTATIONS IN CONFERENCES

SI No	Name of the conference, Date & Venue	Name of the presenter	Title of the presentation
1	National epilepsy management meet, 21 st May 2021, Virtual	Dr. Syamlal S.	Challenges in the management of focal epilepsy & the role of oxcarbazepine
2	Association of otolaryngologist of India, 31 st May 2021 (KIMSHEALTH, Trivandrum), Virtual	Dr. Syamlal S	Vertigo demystified
3	7 th International Congress of the European Academy of Neurology (ean2021), 19 th to 22 nd June 2021	Dr. Suresh Chandran Dr. Virupaxappa Biradar Dr. Sarath Haridas	Motor Stereotypy in Anti NMDAR Encephalitis
4	Webinar of Association of the Otolaryngologist of India – Kanyakumari Branch, 25 th July 2021	Dr. Syamalal S	Dizziness and vertigo demystified
5	WCN 2021 world congress of Neurology on 3 rd to 7 th October 2021, Virtual	Dr Suresh Chandran C J Dr Sarath Haridas Dr Joseph Shibu Dr Joseph Eugene	Neurosyphilis- the grate imitator in disguise
		Dr Suresh Chandran C J Dr Anoop Sugunan Dr Virupaxappa Biradar Dr Mervyn Paul	RCVS in a case of aplastic anemia
6	XI th Asia Pacific Stroke Congress, 9 th to 11 th December 2021, Chennai	Dr. Virupaxappa Biradar Dr. Syamlal S. Dr. Sarath Haridas	Hidden in plain sight: Hypereosinophilia – an elusive cause of recurrent stroke
		Dr. Sarath Haridas, Dr. Syamlal S. Dr. Virupaxappa Biradar Dr. Hari T.A. Dept of Internal Medicine Dr. Satish B Dept of Nephrology	'VITT', A 'HIT' with the 'SHIELD'

CONFERENCE PARTICIPATIONS

- Dr. Suresh Chandran C.J. contributed as a faculty member for the National Post Graduate Clinical Neurology Teaching Course (Virtual) on February 27th and 28th, 2021, as well as the 14th Indian National Stroke Conference (Virtual) on 19th and 21st March 2021.

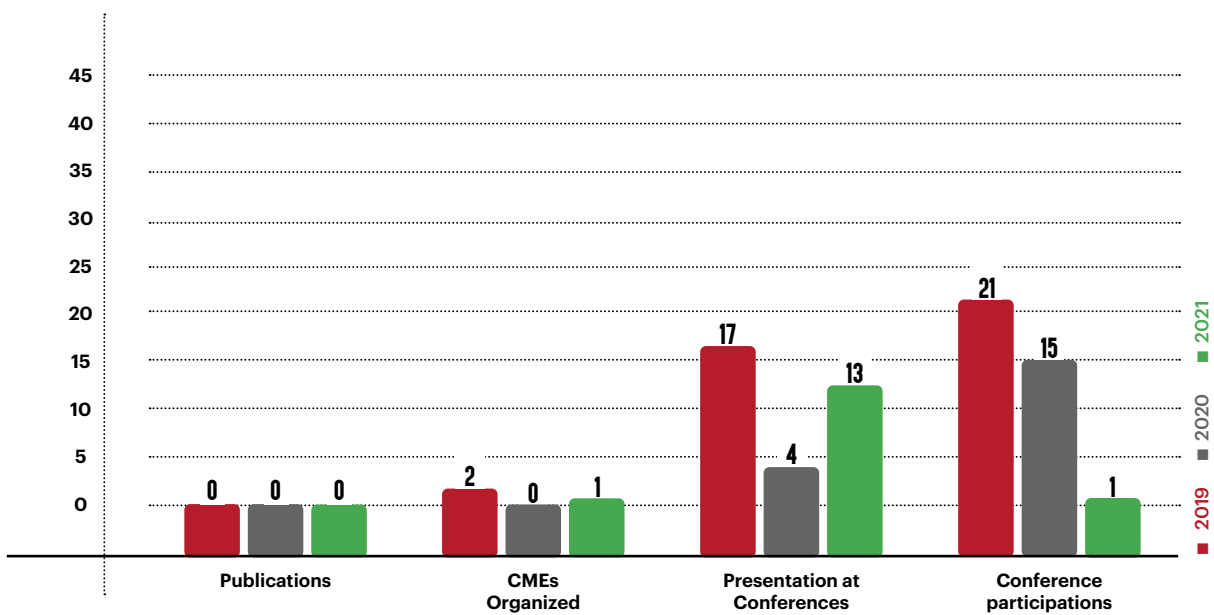
APPRECIATIONS

- Dr. Suresh Chandran was awarded a corresponding membership in the European Academy of Neurology (EAN) for the calendar year 2021 as a prize for the abstract he submitted in the EAN 2021 virtual conference and the high grade he obtained.
- The Department received the World Stroke Organization's Angels Award Q2 2021 for Stroke Care.

OTHER DETAILS

- Dr. Krishnasree, Department of Neurology, published an article in Manorama Online കുട്ടുകാരുടെ പേരു പോലും മറന്നു, ഭേദമാവില്ലെന്നു കേട്ടത്; ഭയക്കരുത്! ചികിത്സയുണ്ട്, ഒപ്പം ഞങ്ങളും... on 29th November 2021.

DEPARTMENT OF OBSTETRICS & GYNECOLOGY



COMPARISON OF ACADEMIC ACTIVITIES : 2019, 2020 & 2021

CONTINUING MEDICAL EDUCATION ACTIVITIES

- The department hosted ALSO (Advanced Life Support in Obstetrics), on 6th March 2021 which drew ten participants.

PAPER PRESENTATIONS IN CONFERENCES

SI No	Name of the conference, Date & Venue	Name of the presenter	Title of the presentation
1	AICC RCOG Annual conference, 1 st to 3 rd October 2021, Virtual	Dr. Annapoorna, , Dr. Nina Navakumar, Dr. Muhammad Niyas,) (Dept of ID), Dr. Vidyalekshmy (Dept of HROB), Dr. Rafeekha P., Dr Rajalakshmi (Dept of ID)	Vertical transmission of Covid in pregnancy case report poster in AICC RCOG 2021
		Dr Kavita S, Dr. Nina Navakumar Dr. Vidyalekshmy R. (Dept of HROB) Dr. Sajith Mohan, Dr Rajalakshmi A. Dr. Muhammad Niyas (Dept of ID), Critical care team, Neonatology team	Critical covid in pregnancy case series management dilemmas poster. Secured 5 th place in AICC RCOG 2021 poster presentation
		Dr. Rafeeka P., Dr. Brinda Sabu (Dept of HROB)	Evans Syndrome Complicating pregnancy : A Case Report (Poster)
		Dr. Kavitha S., Dr. Sajith Mohan Dr. Nina Navakumar, Dr. Vidyalekshmi R. (Dept of HROB), Dr. Muhammed Niyas (Dept of ID)	Case Series Of Critically Ill Covid In Pregnancy-Management Dilemmas (Poster)
		Dr. Sameera Hakkim Dr. Rafeekha P.	An unique case of ovarian cyst in pregnancy (Poster)
		Dr. Amala Jose, Dr. Rafeekha P. Dr. Vidyalekshmi R. (Dept of HROB)	A challenging case of hypertrophic cardiomyopathy complicating pregnancy (Poster)
		Dr. Remya S, Dr.Vinoo Balakrishnan	“Ovarian teratoma -NMDA positive-diagnostic dilemma” Selected in the best 10 of 160 posters.
		Dr. Remya S, Dr. Roshini Ambat	Pregnancy in a Double valve replacement
		Dr. Girija Gurudas	2 Case reports of uterine artery pseudoaneurysm in pregnancy and postpartum-successfully embolised
		Dr. Anusha , Dr. Vinoo Balakrishnan	A novel approach to uterine prolapse in a woman of childbearing age grope
		Dr. Tazeen Khan(Dept of HROB) Dr. Sajith Mohan	Improving statistics of primary caesarean section rate by auditing labour management protocols
		Dr Sajith Mohan Dr. Tazeen Khan (Dept of HROB)	Primary CS rate audit (Oral presentation)
Dr. Sruthy and Dr. Vinoo Balakrishnan	Correction of Mullerian anomaly - Video Presentation		

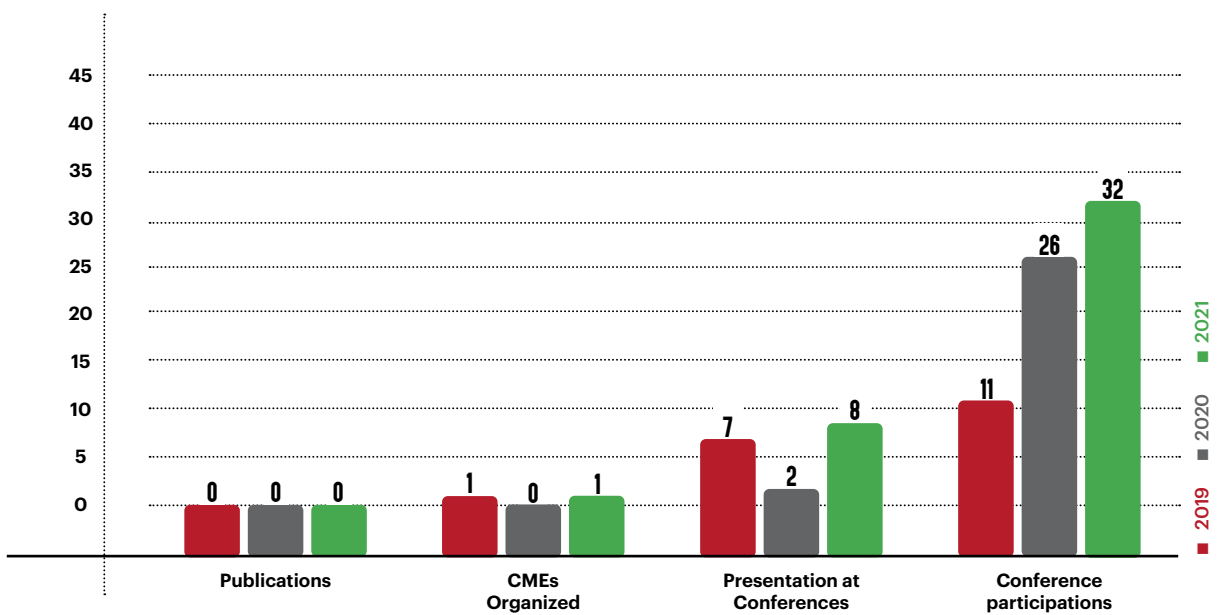
CONFERENCE PARTICIPATION

- Dr. Sajith Mohan was a panelist for the CME on “Management dilemmas & experience of COVID in pregnancy in a tertiary care” held on 29th May 2021 (Virtual).

APPRECIATIONS

- The department hosted two DNB exit examinations on 23rd March 2021 and 28th August 2021

DEPARTMENT OF **ONCOLOGY**



COMPARISON OF ACADEMIC ACTIVITIES : 2019, 2020 & 2021

CONTINUING MEDICAL EDUCATION ACTIVITIES

- The Department organized a Webinar on World Hospice and Palliative Care Day 2021 on 9th October 2021

PAPER PRESENTATIONS IN CONFERENCES

SI No	Name of the conference, Date & Venue	Name of the presenter	Title of the presentation
1	KASO meet, June 2021	Dr. Bharath Veerabadhran	Versatility of infra-mammary crease incision in deciding the perforator flap in inferior quadrant defects (Video Presentation)
2	The Indian Dental Association, 19 th September 2021, Webinar	Dr. Jayaprakash Madhavan Dr. Bharat V.M. Dr. Benoy Stanly Dr. Sooraj S. Dr. Cucoo Mariam Mathew Dept of Maxillofacial Surgery	Oral potentially malignant disorders
3	Trivandrum surgical Club, October 2021	Dr. Bharath Veerabadhran	ICG in Cancer surgery
4	Awareness talk, Melbourne	Dr. Bharath Veerabadhran	Women and health
5	World Hospice and Palliative Care Day 2021 Webinar, 9 th October 2021	Dr. Vineetha G. Gopal	Interventional pain management for cancer pain
		Dr. Shali S. Nair	Palliative care, it is more that you think
6	Trivandrum Surgical Club, November 2021	Dr. Bharath Veerabadhran	Chemoport best practices (Video presentation)
7	Trivandrum Surgical Club, December 2021	Dr. Bharath Veerabadhran	Energy based devices (Video presentation)

CONFERENCE PARTICIPATION WITHOUT PRESENTATION

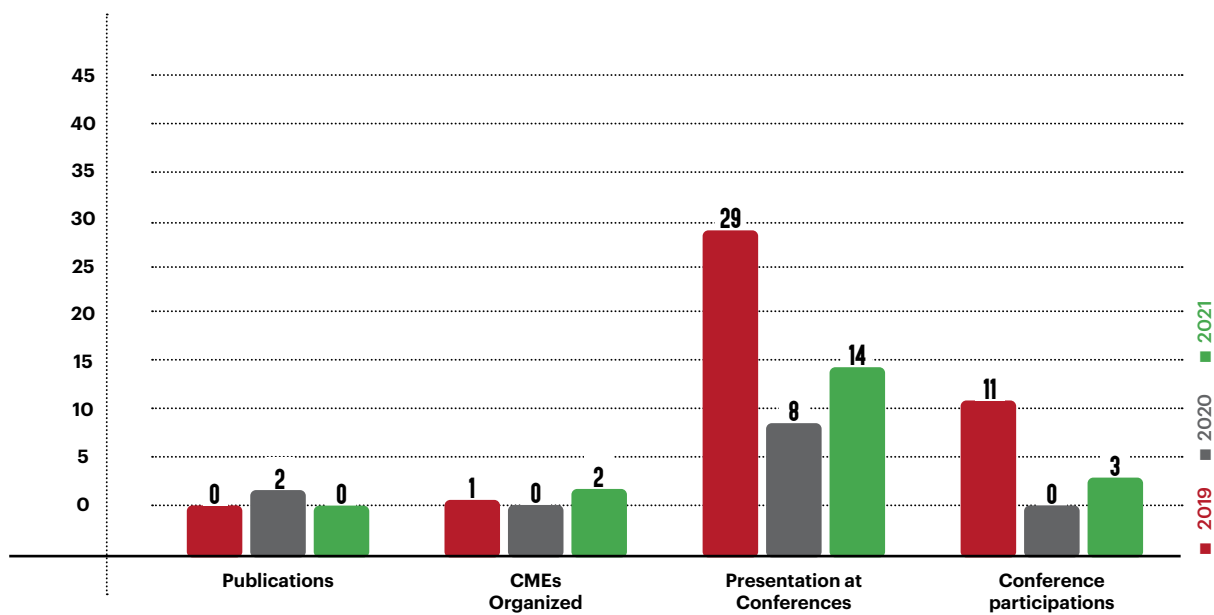
SI No	Name of the program	Name	Date	Role
1	Brest cancer expert series- Neoadjuvant therapy: A multidisciplinary approach to patient care.	Dr. Rajitha	January 2021	Panelist
2	Gynecological malignancies: An overview – Nagercoil obstetrics & Gynecological Society FOGSI	Dr. Jayanand Sunil	January 2021	Speaker
3	Anatomy of Head & Neck Region- AROI	Dr. Shabin K Siddique	February 2021	Participant
4	Practice of Oncology - Beyond pandemic, Online lecture series	Dr. Veena V.P.	20 th and 21 st February 2021	Participant
5	Role of Immunotherapy in PDL1 positive mTNBC	Dr. Rajitha	March 2021	Speaker
6	Indian GI Cancer Congress- Esophagus & Stomach	Dr. Veena V.P. Dr. Ann Mary Augustine	12 th and 13 th March 2021	Participant
7	16 th annual virtual conference of AONEI	Dr. Ann Mary Augustine	March 2021	Participant
8	Medical Physics online course - National Cancer Grid	Dr. Veena V.P.	April 2021	Participant

9	Rad-Onc Conclave - Prostate Cancer	Dr. Veena V.P.	9 th April 2021	Participant
10	Breast Cancer Radiation Oncology Update	Dr. Veena V.P.	2 nd May 2021	Participant
11	KASO meet	Dr. Bharath Veerabadhran	June 2021	Panelist
12	Virtual scientific session "Immunotherapy in Extensive Stage Small Cell Lung Cancer"	Dr. Rajitha	July 2021	Panelist
13	Current oncology update series- What is new in Breast & Lung Ca in 2021?	Dr. Ann Mary Augustine	July 2021	Participant
14	Curing Breast cancer : The Team Matters of KASO & IASO	Dr. Rajitha	3 rd August 2021	Panelist
15	Neuroanatomy for Radiation Oncologists - Oncology Classroom Webinar	Dr. Yadu Vinayak	6 th August 2021	Participant
16	Webinar on Carcinoma Prostate - Practice Updates - Kaizen Oncology Network	Dr. Yadu Vinayak	6 th August 2021	Participant
17	MRD in Myeloma - Live webinar	Dr. Abdul Shahid	September 2021	Panelist
18	19 th Annual conference of women's cancer initiative- TMH Breast Oncology-Asian reflections	Dr. Ann Mary Augustine	October 2021	Participant
19	Live webinar on Multiple myeloma, Where are we going?	Dr. Abdul Shahid	November 2021	Panelist
20	KIMSHEALTH CME on Pedigree Drawing and Inheritance Pattern	Dr. Yadu Vinayak	23 rd November 2021	Participant
21	Exploring SBRT as a treatment of Metastatic Lymph node - Oncology Virtual Master class	Dr. Yadu Vinayak	24 th November 2021	Participant
22	Lung Cancer update	Dr. Ann Mary Augustine	November 2021	Participant
23	Sarcoma-melanoma update- Webinar	Dr. Ann Mary Augustine	November 2021	Participant
24	Basics of Molecular Techniques - ACTREC, Mumbai	Dr. Yadu Vinayak	27 th November 2021	Participant
25	How do I manage T - Cell lymphomas -An update from ASH 2021	Dr. Abdul Shahid	December 2021	Panelist
26	Head & Neck -ACTREC TMC- Mumbai	Dr. Shabin K. Siddique	December 2021	Participant
27	Reirradiation in Head & Neck cancer - ACTREC TMC- Mumbai	Dr. Shabin K. Siddique	December 2021	Participant
28	ASH update - Bombay	Dr. Jayaprakash Madhavan	2021	Faculty
29	Breast Cancer update - TMH	Dr. Jayaprakash Madhavan	2021	Faculty
30	Lung Cancer update - TMH	Dr. Jayaprakash Madhavan	2021	Faculty
21	AROI Bengal annual meeting	Dr. Jayaprakash Madhavan	2021	Faculty

APPRECIATIONS

- Dr. Shali S Nair, Registrar, Pain & Palliative Medicine, successfully completed the International Fellowship course offered by the Institute of Palliative Medicine in Calicut, India, in collaboration with St Christopher's Hospice in London, UK, and Bangabandhu Sheikh Mujib Medical University in Bangladesh.

DEPARTMENT OF **ORTHOPEDICS**



COMPARISON OF ACADEMIC ACTIVITIES : 2019, 2020 & 2021

CONTINUING MEDICAL EDUCATION ACTIVITIES

- The department organized a state level digital CME on Osteoporosis on 25th March 2021
- International AO Trauma Online Seminar - Introduction to Basic Principles of Fracture Management was organized on 30th October 2021 at KIMSHEALTH, Trivandrum

PAPER PRESENTATIONS IN CONFERENCES

SI No	Name of the conference, Date & Venue	Name of the presenter	Title of the presentation
1	IOACON 2021, May 2021, Jaipur	Dr. Ranjith Unnikrishnan	Biopsy in Spine Tumor Sciatica minimizing Fracture Spine - Complications
2	Webinar on Childhood Disabilities, 28 th November 2021	Dr. Vinod Krishnan Consultant Pediatrician Orthopedician	Therapeutic Interventions for cerebral palsy: an overview
3	IOACON 2021, December 2021, Goa	Dr. Ranjith Unnikrishnan	MIS in adult deformity
4	KOACON 2021, Virtual	Dr. Ranjith Unnikrishnan	Spondylolisthesis complications
5	ASSCON 2021, Virtual	Dr. Ranjith Unnikrishnan	Post operative neurodeficit non to MX
6	ISSICON 2021, Virtual	Dr. Ranjith Unnikrishnan	Complications in disc replacement Fusion Vs TDR in spine surgery
7	TNOACON 2021, Virtual	Dr. Ranjith Unnikrishnan	MIS in degenerative lysthesis
8	BSSCON 2021, Virtual	Dr. Ranjith Unnikrishnan	MIS in spine management
9	Nepal Spine Society Annual Conference 2021	Dr. Ranjith Unnikrishnan	Spondylolisthesis decision making
10	Bangladesh Spine Society Annual Conference 2021	Dr. Ranjith Unnikrishnan	Decision making in spine fractures
11	CIOS 2021, Cochin	Dr. Ranjith Unnikrishnan	Complications in MIS

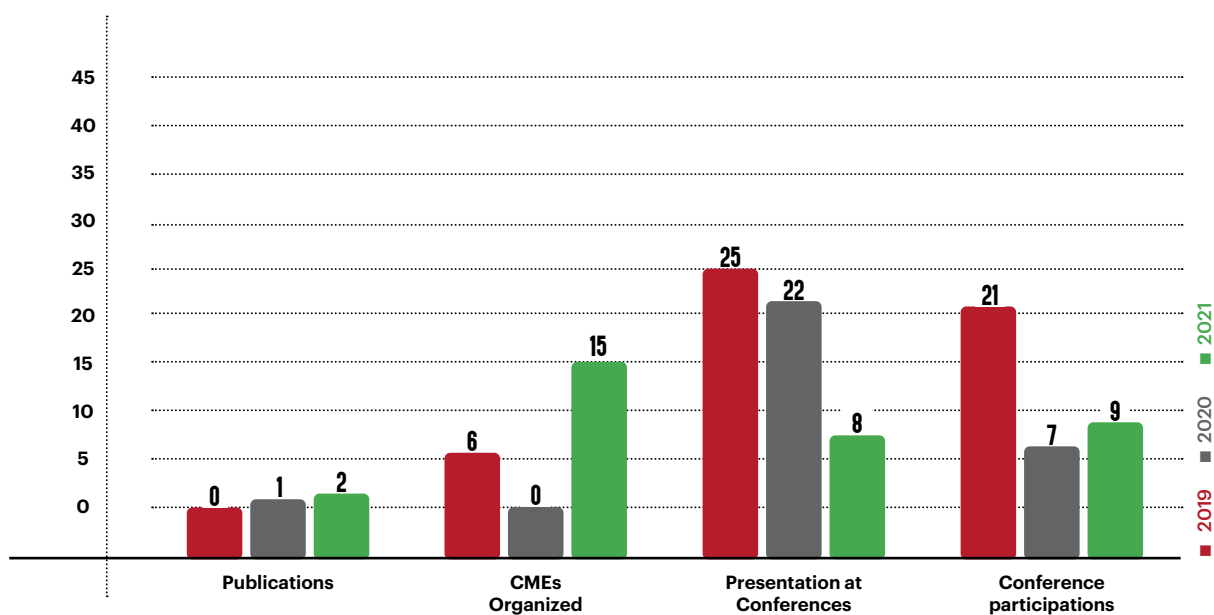
CONFERENCE PARTICIPATIONS

SI No	Name of the program	Name	Date	Role
1	IMAST 2021	Dr. Ranjith Unnikrishnan	July 2021	Delegate
2	AO Spine 2021 - Seminar on TL fractures	Dr. Ranjith Unnikrishnan	August 2021	Country Chairperson and speaker
3	SRS Annual Conference 2021	Dr. Ranjith Unnikrishnan	September 2021	Speaker

APPRECIATIONS

- The department hosted DNB exit examination on 16th March 2021

DEPARTMENT OF PEDIATRICS



**Academic activities of the Pediatric Neurology Department is also included*

COMPARISON OF ACADEMIC ACTIVITIES : 2019, 2020 & 2021

SCIENTIFIC PUBLICATIONS

- Subash S, Kumar V. Point-of-Care Ultrasound Measurement of Diaphragm Thickening Fraction as a Predictor of Successful Extubation in Critically Ill Children. J Pediatr Intensive Care DOI: 10.1055/s-0041-1730931
- Joji P, Arif T K, Kumar A. Intranasal midazolam versus IV lorazepam in control of acute seizure in children aged 6 month -15 years – Open label RCT. Journal of evidence based medicine healthcare.

CONTINUING MEDICAL EDUCATION ACTIVITIES

SI No	Name of the program	Type of Programme	Date	No. Participants	No. Hours
1	AHA BLS & PALS	Provider Course for internal and external candidates	16 th to 18 th January 2021	15	24
2	AHA BLS & PALS	Provider Course for internal and external candidates	25 th to 27 th February 2021	3	24
3	Clinical Skills Training	Internal	15 th to 18 th March 2021	12	4
4	Child Neuro Con 2021 (11 th AOCN international annual conference)	International virtual meeting hosted by KIMSHEALTH, Trivandrum.	9 th to 11 th April 2021,	240	16
5	Clinical Skills Training	Internal	23 rd April 2021	8	4
6	Clinical Skills Training	Internal	30 th April 2021	8	4
7	Clinical Skills Training	Internal	6 th August 2021	2	3
8	AHA BLS & PALS	Provider Course for internal and external candidates	16 th to 18 th Sep 2021	15	21
9	Clinical Skills Training	Internal	24 th September 2021	9	3
10	Clinical Skills Training	Internal	1 st October 2021	5	3
11	Clinical Skills Training	Internal	22 nd October 2021	9	3
12	Clinical Skills Training	Internal	5 th to 6 th November 2021	8	4
13	Simulation Instructor course	Internal	9 th to 11 th November 2021	12	19
14	Clinical Skills Training	Internal	19 th November 2021	8	4
15	Clinical Skills Training	Internal	31 st December 2021	6	3

PAPER PRESENTATIONS IN CONFERENCES

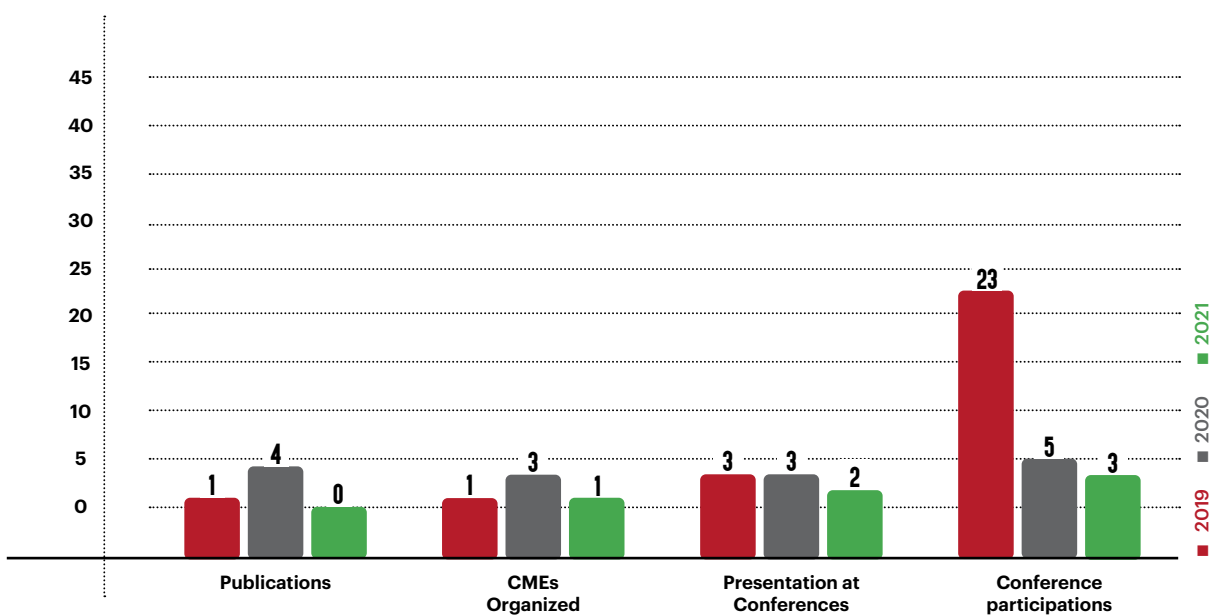
SI No	Name of the conference, Date & Venue	Name of the presenter	Title of the presentation
1	Child Neuro Con 2021 (11 th AOCN International annual conference), 9 th to 11 th April 2021, virtual meeting hosted by KIMSHEALTH, Trivandrum.	Dr. Kalpana D Dept of Pediatric Neurology	Cerebral palsy: Not always what it seems
		Dr PA Mohammed Kunju Dept of Pediatric Neurology	Key note address: Renewing hope through innovation
2	Neurogenetics, 11 th September 2021, virtual	Dr. Greeshma Baby	A treatable cause of neuroregression
		Dr. Varun P.G.	Gene therapy for SMA-Our experience
		Dr Ardra Krishnan and Dr Sreelekshmi F	Neuro fibromatosis 1-Two rare presentations

	Neurogenetics, 11 th September 2021, virtual	Dr Dona Teresa Dept of Pediatric Neurology	Recurrent stroke in a child secondary to a rare systemic vasculitis syndrome
		Dr Payal Keswani Dept of Pediatric Neurology	A rare muscular dystrophy-phenotype genotype correlation
3	Kerala State IAP Pediatric Endocrine Annual State Conference, 30 th October 2021, Virtual	Dr. Ardra Prakash	A case of Adrenocortical carcinoma (Best paper presentation award)

CONFERENCE PARTICIPATIONS

SI No	Name of the program	Name	Date	Role
1	Lead instructor for IAP advanced pediatric life support course, Trivandrum	Dr. Prameela Joji Dr. Neethu Gupta	30 th and 31 st March 2021	Faculty
2	Follow up of asthma	Dr. Neetu Gupta	April 2021	Faculty
3	Pediatric trauma CME	Dr. Prameela Joji	July 2021	Faculty
4	Art of science of health care communication	Dr. Prameela Joji	September 2021	Faculty
5	OSCE sessions – Apollo children’s hospital PICU refresher course	Dr. Swathy Subash	18 th and 25 th September 2021	Faculty
6	Pediatric trauma IAP PICU group	Dr. Nisha Nair	October 2021	Faculty
7	Health care communication for pharmacists	Dr. Prameela Joji	November 2021	Faculty
8	Mental care of children during COVID	Dr. Prameela Joji	December 2021	Faculty

DEPARTMENT OF RADIO DIAGNOSIS



COMPARISON OF ACADEMIC ACTIVITIES : 2019, 2020 & 2021

CONTINUING MEDICAL EDUCATION ACTIVITIES

- The department hosted KIMSHEALTH Monthly webinar on “Newer Treatment Modalities Intervention Radiology – Pinhole Surgery” on 11th November 2021.

PAPER PRESENTATIONS IN CONFERENCES

- Dr. Maria Mathachan presented an E-poster on “Air leak syndrome in COVID – 19 patients” at the conference of Indian Radiology & Imaging Association Kerala state on 16th May 2021 (Virtual)
- Dr. Zunimol P.K.M. took a session on “Exam oriented OSCE & case discussion on Gynecology” at the PG teaching webinar organized by IRIA (Indian Radiological and imaging association) / ICRI (Indian college of radiology imaging) on 23rd May 2021

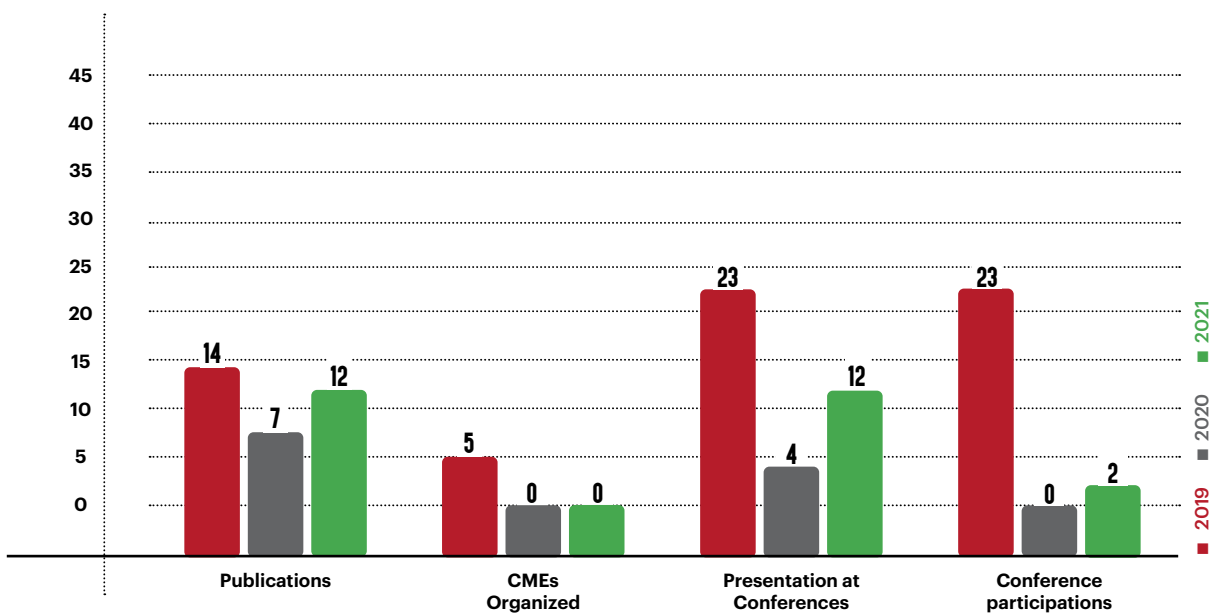
CONFERENCE PARTICIPATIONS

SI No	Name of the program	Name	Date	Role
1	Calirad- PG training program, Virtual	Dr. Zunimol P.K.M.	2 nd and 3 rd January 2021	Faculty
2	MRI Teaching Course, Mumbai (Virtual)	Dr. Zunimol P.K.M.	13 th to 15 th and 22 nd August 2021	Delegate
3	CALIRAD –PG training program	Dr. Zunimol P.K.M.	18 th & 19 th December 2021	Faculty

APPRECIATIONS

- Dr. Maria Mathachan received first price in the poster competition at the All India Symposium on Pandemic and Radiology conducted by Aster Medical Imaging.

DEPARTMENT OF RESPIRATORY MEDICINE



COMPARISON OF ACADEMIC ACTIVITIES : 2019, 2020 & 2021

SCIENTIFIC PUBLICATIONS

- Arjun P, Gopinath R, Mahendran B, Balan G. Muscle involvement in sarcoidosis. Postgraduate Medical Journal [Internet]. 2021 Jul 21 [cited 2022 Jan 10];postgradmedj-2021-140747. Available from: <https://pmj.bmj.com/lookup/doi/10.1136/postgradmedj-2021-140747>
- Arjun P., Soofia M. Oxygen as a Drug. 2021, NCCP(i) Lung Bulletin Index
- Arjun P, Soofia M. Pre-Operative Pulmonary Assessment. NCCP(i) Lung Bulletin Index
- Arju P, Shaji P, Rachel A, Azharul H, Rahul R. An Unusual Posterior Mediastinal Mass - Ectopic Thyroid within the Oesophagus. J Assoc Physicians India. 2021 Jul; 69(7):11-12.
- Abraham SV, KA Ameer, Arjun P. An unusual case of granulomatous pleural effusion. Pulmon. Jan-Apr 2021;23(1):52
- Abraham SV, KA Ameer, Arjun P, Kesavan VK. Utility of needle core specimen in improving the diagnostic yield EBUS TBNA. Pulmon. Jan-Apr 2021;23(1): 22
- Padmanabhan A, Mohammed S. Acute exacerbation of chronic obstructive pulmonary disease: The clot matters a lot! Lung India [Internet]. 2021 [cited 2022 Jan 10]; 38(6):584. Available from:https://journals.lww.com/lungindia/Fulltext/2021/11000/Acute_exacerbation_of_chronic_obstructive.17.aspx
- Ganesh B, Arjun P, Ameer KA, Kesavan VK,. Rajalakshmi A. Niyas VKM, Muralidharan R, Deepak V. RT-PCR Negative COVID 19 – Akin to Smear Negative Pulmonary Tuberculosis? – A Case Report. IMA Kerala Medical Journal. 2021 Mar 26; 14(1):1–2.
- Arjun P. Mood disorders in asthma – There is more to it than meets the eye. Pulmon 2021 ; 23:2 71- 129
- Nair SC, Nivya R, Arjun P, Sanjeev N, K A Ameer. Absolute Eosinophil Count as a marker to differentiate COVID-19 from other short febrile illness. Pulmon. 2021; 23(3): 145-150.
- Nair SC, Arjun P, Azeez AK, Nair S. Proportion of rapid eye movement sleep related obstructive sleep apnea (REM related OSA) in patients with sleep disordered breathing: A cross sectional study. Lung India 2022; 39:38-43.

CHAPTER IN A BOOK

- Arjun P., Soofia M. Biologics in asthma. In: Chetambath R. Panicker V (Eds). Clinical Allergy and Asthma Management in Adolescents and Young Adults. Oxon, New York: CRC Press; 2022. P-236-242.

PAPER PRESENTATIONS IN CONFERENCES

SI No	Name of the conference, Date & Venue	Name of the presenter	Title of the presentation
1	NAPCON 2020, 21 st to 31 st January 2021, Virtual	Dr. P. Arjun	<ul style="list-style-type: none"> Fluticasone in Asthma Burden of OCS in severe Asthma The Combination of Atomoxetine and Oxybutynin Greatly Reduces Obstructive Sleep Apnea Severity. A Randomized, Placebo-controlled, Double-Blind Crossover Trial.
2	AIMSVIRTUAL PG UPDATE, 26 th to 28 th February 2021, Virtual	Dr. P. Arjun	<ul style="list-style-type: none"> Newer Biologics in Asthma Case discussion.
3	World TB Day Commemorations, 21 st March 2021, Virtual	Dr. P. Arjun	Increasing notification in private sector
4	ILD Update 2021 9 th April 2021, Virtual	Dr. P. Arjun	Lung function tests for the diagnosis and follow-up of ILD
5	IMA PEPS, 8 th June 2021	Dr. P. Arjun	COVID Care: Pulmonologist perspectives
6	European Respiratory Society Annual Meeting, 5 th to 8 th September 2021	Dr. P. Arjun	Bronchiectasis severity assessments tools to predict clinical outcomes in the Indian Bronchiectasis Registry (Poster)
7	22 nd Annual National Conference of APCCM, 30 th and 31 st October 2021, Thrissur	Dr. Ameer K.A.	RP EBUS – Procedural Techniques
		Dr. Ameer K.A. Dr. Arjun P.	<ul style="list-style-type: none"> APCCM Oration – Pulmonologist’s challenges with laryngopharyngeal disorders Polysomnography – Indications and Interpretations

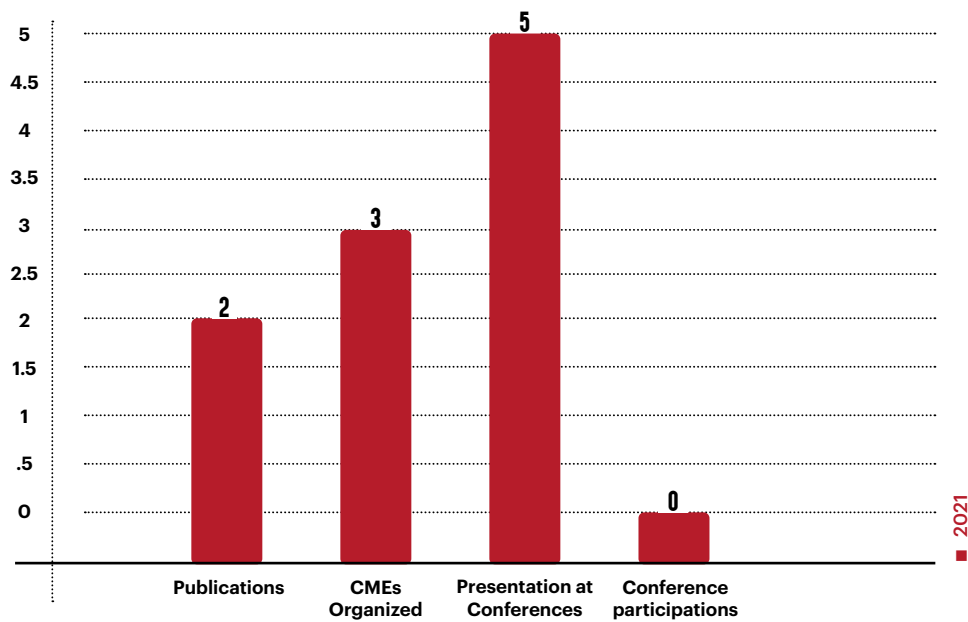
CONFERENCE PARTICIPATIONS

- Dr. P. Arjun and Dr. Ameer K.A. were faculty members of the 22nd Annual National Conference of APCCM held in Thrissur on 30th and 31st October 2021

APPRECIATIONS

- The Department hosted the DNB Final Exit examination on 5th August 2021. Dr. P. Arjun was the Examination Coordinator and Dr. K.A. Ameer was the Examination Coordinator.
- Dr. Ganesh B, DNB Resident won Gold Medal at the APCCM Gold Medal Exam 2021
- The Article titled "Recurrent endobronchial actinomycosis following an interventional procedure" published in Lung India 2017; 34:189 has been cited as a reference in UpToDate for the article on Treatment of actinomycosis

DEPARTMENT OF **RHEUMATOLOGY**



** Academic activities were not separately reported earlier*

ACADEMIC ACTIVITIES : 2021

SCIENTIFIC PUBLICATIONS

- Bhuvanesh M, Rajesh S. Human Leukocyte Antigen-B27. In: Manual of Laboratory Investigations in Rheumatology.
- Krishna Priya E K Srinivas L, Rajesh S, Sasikala K, Banerjee M. Pro-inflammatory cytokine response predominates immuno-genetic pathway in development of rheumatoid arthritis. Mol Biol Rep. 2020; 47: 8669–867. <https://doi.org/10.1007/s11033-020-05909-2>

CONTINUING MEDICAL EDUCATION ACTIVITIES

SI No	Name of the program	Type of Programme	Date	No. Hours
1	Webinar on Osteoporosis (Zoom)	External	25 th March 2021	1
2	Webinar on IgG4 related disease an update	External	23 rd July 2021	2
3	Webinar on Sarcoidosis	External	18 th November 2021	2

PAPER PRESENTATIONS IN CONFERENCES

SI No	Name of the conference, Date & Venue	Name of the presenter	Title of the presentation
1	36 th Annual Conference of Indian Rheumatology Association - IRACON 2021, 9 th to 12 th December 2021	Dr. Rajesh S. Dr. Aflak Dr. Karthik Asok Dept Internal Medicine	Retrospective analysis of COVID Patients with autoimmune rheumatic diseases
		Dr. Rajesh S. Dr Shana Sherin Dept of Family Medicine	Comorbidity burden at the time of diagnosis of Gout
		Dr. Rajesh S. Dr Asna Muth P, Dept of Family Medicine, Dr. Femin Glora, Dept Internal Medicine	Prevalence of Comorbidities in SLE patients from a tertiary care centre in South Kerala
2	SARCOIDOSI (KIMSHEALTH Pathology scientific programme), 18 th November 2021	Dr. Rajesh S. Dept of Rheumatology	Clinical presentation and investigations
		Dr. Bhuvanesh M	Treatment and prognosis

KIMSHEALTH

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