

Name of the Institute: Institute of Nephrology, Rajiv Gandhi Government General Hospital**Instructions:**

- Please mention all the research activity existing in the institute since year 2021.
- Mention the details in order of date (i.e., Starting from year 2021 till date)
- The subsections should be:
 - ✓ Research Forum
 - i. Completed Projects
 - ii. Ongoing projects
 - iii. Sponsored projects
 - iv. Publications
- No images needed in this section

SCIENTIFIC FORUM**Completed Projects till year 2025:**

S.NO	Year	Title of the project	FundedYes / No, If Yes - Details
1	2019	CREDENCE trial (RCT of canagliflozin in diabetic nephropathy)	Yes/Janssen – 28Lakhs
2	2022	TESTING trial (RCT of steroids in IgA nephropathy)	Yes/Pfizer -2.5lakhs
3	2022	RCT of steroids in infection-related GN	No
4	2024	ITANGIBLE STUDY	YES/ George Institute
5	2025	ICKD STUDY	Yes/George Institute- 14.4 Lakhs
6	2025	ACHIEVE STUDY	Yes/PHFI- Canada- 5Lakhs
7	2022	TN CKD Prevalence study	Yes/National Health mission/ 20 Lakhs
8	2023	CKDu in Agricultural labourers	Yes / National Health Mission/ 25 lakhs

Ongoing Projects: (include PGs ongoing thesis & e-journal)

S.NO	Year	Title of the project	FundedYes / No,If Yes - Details
1	2023	FIND-CKD	Yes/Bayer
2	2025	Grace IgA nephropathy trial	Yes / wellcome Trust - 5lakhs
3	2025	Perioperative Acute kidney Injury	no
4	2023	Dialysis requiring AKI	ICMR/ 25 LAKHS
5	2025	Rhabdomyolysis related AKI	No
6	2024	Outcomes of Paediatric Kidney Transplant	No

Sponsored Projects: (include projects which are funded by State Govt/Central.Govt)

S.NO	Year	Title of the project	Funded Yes / No, If Yes - Details
1	2023	DRAKI	Yes/ICMR/20 lakhs

Publications:

S.NO	Year	Citation in Vancouver format	Indexing of Journal: Scopus, PubMed, google scholar or any other
1	2021	Aiswarya D, Arumugam V, Dineshkumar T, et al. Use of Remdesivir in Patients With COVID-19 on Hemodialysis: A Study of Safety and Tolerance. Kidney Int Rep. 2021 Mar;6(3):586-593.	PubMed
2	2021	Arora A, Kumar A, Prasad N, et al. INASL-ISON Joint Position Statements on Management of Patients with Simultaneous Liver and Kidney Disease. J Clin Exp Hepatol. 2021 May-Jun;11(3):354-386.	PubMed
3	2021	Aravinth R, Dhanapriya J, Gopalakrishnan N, Arumugam V, Thanigachalam D, Sakthirajan R (2021). Cytomegalovirus Infection and Kidney Transplantation- A Retrospective Study of Risk Factors and Long-term Clinical Outcome. Indian Journal of Transplantation. 15. 125-30	PubMed
4	2021	Sajmi S, Goutham K, Arumugam V, et al. Efficacy and safety of convalescent plasma therapy in SARS-CoV2 patients on hemodialysis. Hemodial Int. 2021;25(4):515-522. doi:10.1111/hdi.12951	PubMed
5	2021	Lamech TM, Nithya G, Aiswarya D, Sastry BVRH, Arumugam V, Gopalakrishnan N. Cavitary pulmonary disease in a patient on dialysis. Semin Dial. 2021;34(4):315-318. doi:10.1111/sdi.12984	PubMed
6	2021	Nithya G, Lamech TM, Arumugam V, et al. A clinical study on the changing dynamics of disease severity, management strategies and outcomes of COVID-19 in patients requiring haemodialysis. J Nephrol. 2021;34(4):999-1006. doi:10.1007/s40620-021-01072-4	PubMed
7	2021	Arumugam V, Sastry BV, Solomon DJ,	PubMed

		Gopalakrishnan N, Kannan BS, Shankar P, Alavudeen N S, Dakshinamoorthy S, Natarajan M. Clinical characteristics and outcome of novel coronavirus disease in kidney transplant recipients: A single-center prospective observational study. Indian J Transplant 2021;15:189-98	
8	2021	Kumar M, Arcot Thanjan M, Gopalakrishnan N, et al. Snake envenomation-induced acute kidney injury: prognosis and long-term renal outcomes. Postgraduate Medical Journal Published Online First: 10 March 2021.	PubMed
9	2021	Muthukumaran A, Natarajan G, Thanigachalam D, Sultan SA, Jeyachandran D, Ramanathan S. The Role of Psychosocial Factors in Depression and Mortality Among Urban Hemodialysis Patients. Kidney Int Rep. 2021;6(5):1437-1443. Published 2021 Feb 13.	PubMed
10	2021	John O, Gummuudi B, Jha A, Gopalakrishnan N, Kalra OP, Kaur P, et al. Chronic Kidney Disease of Unknown Etiology in India: What Do We Know and Where We Need to Go. Kidney Int Rep (2021) 6, 2743–2751; https://doi.org/10.1016/j.ekir.2021.07.031	PubMed
11	2021	Prasad N, Yadav AK, Kundu M, Sethi J, Jaryal A, Sircar D, et al. Prescription Practices in Patients With Mild to Moderate CKD in India. Kidney Int Rep. 2021;6(9):2455-62.	PubMed
12	2021	Etherajan T, Zahir Hussain S, Rajendran K, Ramachandran A, Natrajan M, Venugopalan N, et al. Profile of COVID-19 Patients at Zero Delay COVID-19 Ward, Tertiary Care Hospital in South India. J Prim Care Community Health. 2021;12:21501327211035094	PubMed
13	2021	Prasad N, Behera MR, Bhatt M, Agarwal SK, Gopalakrishnan N, Fernando E, et al. Outcomes of symptomatic coronavirus disease 19 in maintenance hemodialysis patient in India. Semin Dial. 2021;34(5):360-7.	PubMed
14	2021	Kumar V, Yadav AK, Sethi J, Ghosh A, Sahay M, Prasad N, et al. The Indian Chronic Kidney Disease (ICKD) study:	PubMed

		baseline characteristics. Clinical Kidney Journal. 2021.	
15	2022	Arivazhagan S, Lamech TM, Myvizhiselvi M, et al. Efficacy of Corticosteroids in Infection-Related Glomerulonephritis-A Randomized Controlled Trial. Kidney Int Rep. 2022 Aug 4;7(10):2160-2165	PubMed
16	2022	Jha CM, Dastoor HD, Gopalakrishnan N, Holt SG. Obstacles to Early Diagnosis and Treatment of Pruritus in Patients with Chronic Kidney Disease: Current Perspectives. Int J Nephrol Renovasc Dis. 2022 Dec 6;15:335-352.	PubMed
17	2023	Ethirajan T, Natarajan G, Velayudham R, et al. Clinico-Epidemiological Profile of COVID-19 Patients with Omicron Variant Admitted in a Tertiary Care Center, South India. Int J Gen Med. 2023 Jan 17;16:185-191.	PubMed
18	2022	WHO Solidarity Trial Consortium. Remdesivir and three other drugs for hospitalised patients with COVID-19: final results of the WHO Solidarity randomised trial and updated meta-analyses. Lancet. 2022 May 21;399(10339):1941-1953.	PubMed
19	2023	G. SENTHILKUMARAN, V. Devi Rajarathinam, C. Muthukumaran BA, et al. WCN23-0628 CLINICAL PROFILE AND OUTCOMES OF PATIENTS WITH MEMBRANOUS NEPHROPATHY RESISTANT TO MODIFIED PONTICELLI REGIMEN. Kidney Int Reports. 2023 Mar; 8(3):S74. [abstract]	PubMed
20	2023	P.K. DEVARAJU, V. Murugesan, C.M. Balasubramanian, et al. WCN23-0581 TRADITIONAL MEDICATION ASSOCIATED GLOMERULAR DISEASES – A SINGLE CENTRE STUDY. Kidney Int Reports. 2023 Mar; 8(3):S73. [abstract]	PubMed
21	2023	C.M. BALASUBRAMANIAN, G. Natarajan, G. Senthilkumaran, et al. WCN23-0596 Prevalence of APOL1 gene polymorphisms in patients with kidney disease in South India- A single-center observational study. Kidney Int Reports. 2023 Mar; 8(3):S246. [abstract]	PubMed
22	2023	V. MURUGESAN, P. Devaraju, C.M.	PubMed

		Balasubramanian, et al. WCN23-0679 CLINICAL CHARACTERISTICS AND OUTCOMES OF PATIENTS ON CONTINUOUS AMBULATORY PERITONEAL DIALYSIS - A SINGLE CENTRE EXPERIENCE. Kidney Int Reports. 2023 Mar; 8(3):S353-354. [abstract]	
23	2023	J. V S, C.M. Balasubramaniam, G. Senthilkumaran, et al. WCN23-0575 PHAEOPHYCOMYCOSIS IN RENAL TRANSPLANT RECIPIENTS- A TERTIARY CENTRE EXPERIENCE. Kidney Int Reports. 2023 Mar; 8(3):S396. [abstract]	PubMed
24	2023	RAJARATHINAM V.D, Senthilkumaran G, Vs J. Murugesan V, et al. WCN23-0578 LONG TERM OUTCOMES OF PATIENTS WITH LUPUS NEPHRITIS. Kidney Int Reports. 2023 Mar; 8(3):S73. [abstract]	PubMed
25	2022	P.K. Devaraju, V. Murugesan, J. Vs, et al. POS-101 A STUDY ON BACTERIAL INFECTIONS IN KIDNEY TRANSPLANT RECIPIENTS. Kidney Int Reports. 2022 Sept; 7(9):S512-513. [abstract]	PubMed
26	2022	C.M. Balasubramanian, G. Natarajan, G. Senthilkumaran, et al. POS-102 INCIDENCE, MICROBIOLOGICAL SPECTRUM AND OUTCOME OF ACUTE PERITONITIS IN CONTINUOUS AMBULATORY PERITONEAL DIALYSIS PATIENTS. Kidney Int Reports. 2022 Sept; 7(9):S513. [abstract]	PubMed
27	2022	V. Murugesan, P.K. Devaraju, C.M. Balasubramanian, et al. POS-023 CLINICAL PROFILE AND PREDICTORS OF MORTALITY IN PATIENTS WITH COVID 19 - RELATED ACUTE KIDNEY INJURY A SINGLE CENTRE EXPERIENCE. Kidney Int Reports. 2022 Sept; 7(9):S472. [abstract]	PubMed
28	2022	G. Senthilkumaran, G. Natarajan, V.D. Rajarathinam, et al. POS-022 ACUTE KIDNEY INJURY IN COVID-19	PubMed

		RELATED MUCORMYCOSIS. Kidney Int Reports. 2022 Sept; 7(9):S471-472. [abstract]	
29	2022	J. V S, S. Shaji, G. Natarajan, et al. POS-100 AN UNUSUAL SITE FOR A COMMON DISEASE IN A RENAL TRANSPLANT RECIPIENT. Kidney Int Reports. 2022 Sept; 7(9):S511-512. [abstract]	PubMed
30	2022	V.D. Rajarathinam, N. Gopalakrishnan, G. Senthilkumaran, et al. POS-021 COVID VACCINE ASSOCIATED GLOMERULAR DISEASES- A CASE SERIES. Kidney Int Reports. 2022 Sept; 7(9):S471. [abstract]	PubMed
31	2022	V.P, S. Sajmi, G. Senthilkumaran, et al. POS-052 CLINICAL PROFILE AND OUTCOME OF ACUTE KIDNEY INJURY DURING AN OUTBREAK OF ACUTE GASTROENTERITIS FOLLOWING MONSOON FLOODS IN CHENNAI CITY, INDIA. Kidney Int Reports. 2022 Sept; 7(9):S487. [abstract]	PubMed
32	2022	Lv J, Wong MG, Hladunewich MA, et al; TESTING Study Group. Effect of Oral Methylprednisolone on Decline in Kidney Function or Kidney Failure in Patients With IgA Nephropathy: The TESTING Randomized Clinical Trial. JAMA. 2022 May 17;327(19):1888-1898.	PubMed
33	2022	Selvanathan DK, Johnson PG, Thanikachalam DK, Rajendran P, Gopalakrishnan N. Acute Kidney Injury Complicating Severe Acute Pancreatitis: Clinical Profile and Factors Predicting Mortality. Indian J Nephrol. 2022 Sep-Oct;32(5):460-466.	PubMed
34	2022	B M, N G, T DK, J D, R S, N M. Clinical Outcome of Idiopathic Membranous Nephropathy-A Single Centre Study. J Assoc Physicians India. 2022 Mar;70(3):11-12. PMID: 35438279.	PubMed
35	2022	Jayaprakash V, Gopalakrishnan N. A clarion call for follow-up of acute kidney injury survivors: perspective from a developing country. J Nephrol. 2022 Apr;35(3):1029-1031.	PubMed
36	2021	Jayaprakash V, Kumar TD,	PubMed

		Gopalakrishnan N, Kurien AA. 'Snapshot' of an annual data from a large South Indian Renal Biopsy Registry. Saudi J Kidney Dis Transpl. 2021 Mar-Apr;32(2):522-529.	
37	2021	Jyothindrakumar J, Dhanasekaran R, Natarajan G, et al. Diarrhea in renal transplant recipients – Retrospective observational study from a center in South India. Indian Journal of Transplantation 15(4):p 320-324, Oct–Dec 2021.	PubMed
38	2022	Prasad N, Yadav AK, Kundu M, et al. Renin-angiotensin blocker use is associated with improved cardiovascular mortality in Indian patients with mild-moderate chronic kidney disease-findings from the ICKD study. Front Med (Lausanne). 2022 Dec 20;9:1060148.	PubMed
39	2021	T. LAMECH, V. Arumugam, S. Bhagavatula VRH, et al. POS-198 ACUTE KIDNEY INJURY IN PEOPLE LIVING WITH HIV/AIDS. Kidney Int Reports. 2021 April; 6(4):S83-84. [abstract]	PubMed
40	2021	Govindasamy N, Aiswarya D, Moses Tet al. POS-722 SPECTRUM OF RENAL ALLOGRAFT BIOPSY – A SINGLE CENTRE EXPERIENCE. Kidney Int Reports. 2021 April; 6(4):S315-316. [abstract]	PubMed
41	2021	Arumugam V, Lamech T, Govindasamy N, et al. POS-558 CLINICAL CHARACTERISTICS AND OUTCOMES OF PATIENTS WITH COVID-19 AND RENAL FAILURE REQUIRING INITIATION OF HEMODIALYSIS. Kidney Int Reports. 2021 April; 6(4):S245. [abstract]	PubMed
42	2021	Aiswarya D, Govindasamy N, Moses T, et al. (2021). POS-140 SPECTRUM OF BIOPSY PROVEN RENAL DISEASES IN SOUTH INDIA- A SINGLE CENTER EXPERIENCE. Kidney Int Reports. 2021 April; 6(4):S56. [abstract]	PubMed
43	2022	KAMALAKANNAN G, Shaji S, Solomon D, et al. POS-023 SECONDARY THROMBOTIC MICROANGIOPATHY – CLINICAL PROFILE AND OUTCOME. Kidney Int Reports. 2022 Feb; 7(2):S9-10.	PubMed

		[abstract]	
44	2022	ARUYERCHELVAN C, Gopalakrishnan N, Kumar D, et al. POS-752 CLINICAL PROFILE AND OUTCOMES IN POST TRANSPLANT COLLAPSING GLOMERULOPATHY. Kidney Int Reports. 2022 Feb; 7(2):S325-326. [abstract]	PubMed
45	2022	P V, Ravindran K, Solomon D, et al. POS-801 COVID ASSOCIATED MUCORMYCOSIS IN KIDNEY TRANSPLANT RECIPIENTS- A CASE SERIES. Kidney Int Reports. 2022 Feb; 7(2):S343-344. [abstract]	PubMed
46	2022	KRISHNA R, Srinivasan A, Thanigachalam D, et al. POS-172 ANALYSIS OF KIDNEY BIOPSY DATA IN ABOVE SIXTY YEAR OLD PATIENTS. Kidney Int Reports. 2022 Feb; 7(2):S74-75. [abstract]	PubMed
47	2022	Shaji S, Ravindran K, Paulpandian V, et al. POS-959 CLINICAL PROFILE AND OUTCOME OF SARS-CoV2 INFECTION IN RENAL TRANSPLANT RECIPIENTS - A SINGLE CENTRE EXPERIENCE. Kidney Int Reports. 2022 Feb; 7(2):S418. [abstract]	PubMed
48	2022	SOLOMON D, Paulpandian V, Ravindran K, et al. POS-915 DETERMINANTS OF MORTALITY OF COVID-19 INFECTION IN HEMODIALYSIS PATIENTS: DATA FROM A TERTIARY CARE INSTITUTE IN SOUTH INDIA. Kidney Int Reports. 2022 Feb; 7(2):S398-399. [abstract]	PubMed
49	2022	Yadav AK, Ghosh A, Divyaveer S, et al; Indian Chronic Kidney Disease Study Group. Serum catalytic iron and progression of chronic kidney disease: findings from the ICKD study. Nephrol Dial Transplant. 2022 Oct; 37(10):1879-1887.	PubMed
50	2021	Zhou Z, Jardine MJ, Li Q, et al; CREDENCE Trial Investigators*. Effect of SGLT2 Inhibitors on Stroke and Atrial Fibrillation in Diabetic Kidney Disease: Results From the CREDENCE Trial and Meta-Analysis. Stroke. 2021	PubMed

		May;52(5):1545-1556.	
51	2025	Kumar M, Jayaprakash V, Gopalakrishnan N, Dineshkumar T, Sakthirajan R, Dhanapriya J. Anti-Glomerular Basement Membrane Antibody Disease: Clinicopathologic Profile and Outcomes. Indian J Nephrol. 2025 Mar-Apr;35(2):265-269.	Pubmed
52	2025	Vinant Bhargava, Priti Meena, Vivek Kute, Natrajan Gopalakrishnan, Shafeeqe Rahman, Sree Bhushan Raju, Deepak Shankar Ray, Sandeep Guleria, Ashay Shingare, Abi Abraham, Vivek Pathak, Manisha Sahay, Edwin Fernando, Dinesh Khullar, M.M. Bahadur, Aarthi Muthukumaran, Nauka Shah, Anurag Gupta, Manish Malik, Ashwani Gupta, Vaibhav Tiwari, Anil Bhalla, Devinder Singh Rana, Sumathi Govindaraju, A Long-Term Analysis of Pregnancy Outcomes in Kidney Transplant Recipients in an Indian Cohort, Kidney International Reports, Volume 10, Issue 6,2025, Pages 2041-44,	Pubmed
53	2025	Priti Meena Dinesh kumar T et al Study Design of a Nationwide Network Indian Cohort of Pregnancy-Associated Acute Kidney Injury (iPRAKI NET)	Pubmed
54	2025	Swamikannu, Charankumar Seshadri J et al.A 67-year-old woman with peripheral neuropathy and nephrotic syndromeKidney International Reports, Volume 10, Issue 2, 291 - 295	Pubmed
55	2025	Gopalakrishnan N, Seshadri J, Thanigachalam D. Nephrology in Tamil Nadu. Indian J Nephrol. doi: 10.25259/IJN_769_2024	Pubmed