

Prof. NAVEEN KUMAR C



1.0 Personal Data:

1	Name	NAVEEN KUMAR C
2	Date of birth*	13 TH DECEMBER 1974
3	Place of birth & State	BENGALURU, KARNATAKA
4	Period of stay in Karnataka**	SINCE BIRTH
5	Present Position Held / Designation	PROFESSOR OF PSYCHIATRY HEAD OF COMMUNITY PSYCHIATRY UNIT OFFICER IN-CHARGE, Centre of Excellence in Climate Change and Mental Health, National Program for Climate Change and Human Health, Ministry of Health and Family Welfare, Govt. of India FACULTY: FORENSIC PSYCHIATRY & LEGAL AID SERVICES FACULTY: TELEPSYCHIATRY DEPARTMENT OF PSYCHIATRY FACULTY: Dept of Psychosocial Support in Disaster Management NATIONAL INSTITUTE OF MENTAL HEALTH AND NEUROSCIENCES (NIMHANS), BENGALURU

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Note: * Enclose the proof of age

** Enclose self-attested domicile certificate clearly indicating period of stay in Karnataka. Applicable only to those who are not born in Karnataka (as **Annexure -I**)

2.0 Academic Qualifications:

(Indicate your educational qualifications, starting with the latest)

Period	Qualification	University / Institute	Subject / field
Sept 2003- Aug 2005	Doctor of Medicine (MD)	National Institute of Mental Health and Neurosciences (NIMHANS), Bangalore	Medical Science/ Psychiatry
Sept 2001- Aug 2003	Diploma in Psychological Medicine (DPM)	National Institute of Mental Health and Neurosciences (NIMHANS), Bangalore	Medical Science/ Psychiatry
Dec 1993- Sept 2000	Bachelor of Medicine and Surgery (Graduation in Medicine)	Jagadguru Sri Shivarathreeshwara Medical College (JSSMC), Shivarathreeshwara Nagar, Mysore 15	Medical Science

3.0 Professional Career

Indicate your professional career for the past 20 years, starting with the latest.

Period	Years	Organization	Designation	Nature of work / responsibility
13 th May 2019 till date	Three years	National Institute of Mental Health and Neurosciences (NIMHANS), Bangalore	Professor of Psychiatry	<p>Mental health capacity building in states to scale up the District Mental Health Program (DMHP) in underserved areas including Bihar, Chhattisgarh, Uttarakhand, Karnataka, Sikkim, Punjab, Maharashtra etc., covering non-specialist doctors, Community Health Officers, Rural Health Organizers, ASHAs</p> <p>Convener, for the sub-committee on mental health, Karnataka Health Vision Group (constituted by the hon'ble Health Minister, Govt. of Karnataka), helped develop the Karnataka Mental Health Action Plan for the next decade</p> <p>Member of the Core-Committee currently drafting the Karnataka Mental Health Regulations under the Mental Healthcare Act, 2017</p> <p>Leadership role in developing training manuals for various cadres of primary healthcare workforce of the country, conducting TOTs (training of Trainers) and preparing pool/s of master trainers</p> <p>Designing newer hybrid/blended courses in mental health for various cadres of primary healthcare workforce of the country, and for lay-volunteers interested in serving the society.</p> <p>Leadership role in preparing National Health Adaptation Plan, SOPs, TOT manuals, IEC materials, surveillance plans as part of the Centre of Excellence in</p>

				<p>Climate Change and Mental Health.</p> <p>Co-ordinated the initiation, execution and monitoring of the National Helpline for Psychosocial Distress and Mental Health Services at NIMHANS, at the behest of Ministry of Health and Family Welfare Services, Govt. of India, during the first wave of COVID 19 (March 2020)</p> <p>Co-ordinating work for the National Tele Mental Health Program (Tele MANAS), working with multiple stakeholders across the country; preparing the groundwork for its nationwide roll out</p> <p>Assisting Central and State-Govts in scrutinizing the State Rules and Regulations, both related to the Mental Healthcare Act, 2017</p> <p>Research in the above-mentioned areas</p> <p>Teaching post-graduate students of various disciplines of mental health</p> <p>Clinical work</p>
July 2016 till 12 th May 2019	Two years & Ten Months	National Institute of Mental Health and Neurosciences (NIMHANS), Bangalore	Additional Professor of Psychiatry	<p>In addition to the clinical work, academic work, and teaching, I was involved in community intervention programs for those with severe mental illnesses in rural communities of Karnataka, building partnership with other tertiary care academic centres, to collaborate for upscaling public mental health in their respective states.</p> <p>Administrative work (Head of Posting Committee, Head of Sub-Committee on Seminars; Dept Academic Committee,</p>

				<p>Training of trainers for</p> <p>Clinical work included General Adult Psychiatry, Forensic Psychiatry and Tele Psychiatry</p>
July 2013 to June 2016	Three years	National Institute of Mental Health and Neurosciences (NIMHANS), Bangalore	Associate Professor of Psychiatry	<p>Clinical responsibilities, conducting action-oriented Research in rural communities of Karnataka</p> <p>Initiating a community-based-rehabilitation program in Jagalur taluk (for those with severe mental illnesses including schizophrenia and Bipolar Affective Disorder)</p> <p>Academic work (teaching post graduate students of mental health),</p> <p>Training Judges, and other professionals in mental health</p>
May 2010 till June 2013	Three years	National Institute of Mental Health and Neurosciences (NIMHANS), Bangalore	Assistant Professor of Psychiatry	<p>Clinical responsibilities, teaching, and guidance to students, training professionals, taking part in disaster management work in Uttarakhand</p> <p>Administrative work at departmental level and</p> <p>Conducting independent research (service-cum-research activity in rural communities of Karnataka: identification, providing clinical care and following up of all persons with schizophrenia in Thirthahalli and Turuvekere taluks)</p> <p>Research on clinical aspects of Electroconvulsive therapy</p>
Nov 2008 till April 2010	One and a	Bangalore Medical College and	Assistant Professor of Psychiatry	Clinical Service, teaching undergraduate medical students,

	half years	Research Institute (BMCRI), Bangalore		<p>Post graduate medical students, administrative work, research.</p> <p>During this tenure, the cohort of persons with schizophrenia was initiated in Turuvekere Taluk.</p> <p>Research in Electroconvulsive therapy</p> <p>Worked towards initiating MD Psychiatry Course in BMCRI, Bengaluru</p>
May 2006 till Nov 2008	Two and a half years	National Institute of Mental Health and Neurosciences (NIMHANS), Bangalore	Senior Resident	<p>Being a manager and fulcrum of activities in the clinical unit, managing patients, teaching students, and coordinating multidisciplinary team; initiated working in rural community intervention program of Thirthahalli under the guidance of senior faculty members of the Dept of Psychiatry</p> <p>Research on the clinical aspects of Electroconvulsive therapy</p> <p>Learning basics of conducting research, data analysis and writing up journal articles</p>
Dec 2005 till April 2006	Six months	National Institute of Mental Health and Neurosciences (NIMHANS), Bangalore	Senior Research Fellow	Co-ordinating a Phase III clinical trial, Clinical services, conducting independent research
Sep 2005 till Nov 2005	Two months	National Institute of Mental Health and Neurosciences (NIMHANS), Bangalore	Non-PG Junior Resident	Clinical services, teaching students of mental health disciplines including Psychiatry, Clinical Psychology and Psychiatric Social Work
Sep 2003 till Aug 2005	Two years	National Institute of Mental Health and	PG Junior Resident	Was pursuing MD in Psychiatry, Clinical services including emergency duties, doing thesis, attending academic classes

		Neurosciences (NIMHANS), Bangalore		
Sep 2001 till Aug 2003	Two years	National Institute of Mental Health and Neurosciences (NIMHANS), Bangalore	PG Junior Resident	Was pursuing Diploma in Psychological Medicine; Clinical services including emergency duties, inpatient work, electroconvulsive therapy, attending academic programs
Dec 1993 till Sep 2000	Six and a half years	Jagadguru Sri Shivarathreshwara Medical College, Mysuru	MBBS	Was pursuing MBBS degree including internship

4.0 Profile professional career/life sketch: (write-up not to exceed 300 words. Please submit the write-up both in Kannada and English)

My professional career started in 2001 when I joined postgraduation in psychiatry. All along, my responsibilities have straddled across clinical services, teaching/guiding students, and research. Foray into research started with MD thesis, comparing clinical efficacy of two benzodiazepines in treating alcohol withdrawal syndrome. It took shape during senior residency, when I worked in the areas of electroconvulsive therapy and forensic psychiatry, in addition to community psychiatry. Sooner however, I realized my strengths lay in the latter and have continued to contribute across dimensions including developing community-based treatment models, capacity building, leveraging technology, both for teaching/training non-specialists and clinical service delivery. I have been contributing to innovations by involving in designing new courses and newer teaching methods that consider ground realities of our primary healthcare/public healthcare delivery systems. An enduring feature since the past one and a half decade is the work with rural community cohorts of persons with schizophrenia that has given crucial insights into several research questions of public health dimensions. Considering the burgeoning treatment gap of psychiatric disorders in India and the need to design newer scalable/sustainable public health strategies to strengthen the existing National Mental Health Program, I believe, my work has given insights and leads to design/implement such strategies. One example is the concept of ‘Taluk Mental Health Program (TMHP), now, running in a pilot mode in 10 taluks of Karnataka. The success of this program has potential to expand throughout the country. Technology will have to play an indispensable role in all these and my work in telepsychiatry/tele-mentoring has demonstrated its utility and the potential for an exponential scale up. These concepts also have fed into the Karnataka Mental Health Action Plan, a mental health blueprint of the mental health sub-committee under the Health Vision Group, constituted by the Govt. of Karnataka in 2020. These also helped me during the COVID 19 first wave to conceptualize, implement and co-ordinate the National Helpline for Psychosocial Support and Mental Health Services, an initiative appreciated by the hon’ble High Court of Karnataka and the then Union Health Secretary.

Future career plan is to strive for the successful roll out of the National Tele Mental Health Program (Tele MANAS; announced in this years’ budget, with NIMHANS as a nodal center

for coordinating its countrywide implementation) and to integrate that into the existing National Mental Health Program. As the officer-in-charge of the Centre of Excellence in Climate Change and Mental Health, I would be working to implement, collaborate and assist States and the Centre to realize the vision of the National Program on Climate Change and Human Health

5.0 Area of Professional Activity (any of the areas listed below)

- **Medical Sciences**

6.0 Research Papers/ Publications (Only those publications published on or before 28th February of respective award year (i.e., 28.02.2020 for the award year 2020 and 28.02.2021 for the award year 2021).

1. Summary of Publications (Please indicate numbers only)

	Publications	Numbers
a	Papers published in International Journals	101
b	Papers published in National Journals	62
c	Papers published in International Conferences / seminars	38
d	Papers published in National Conferences / seminars	193
e	Books	10
f	Chapters in Books	11
g	Technical Reports / Posters	06
h	General / popular articles published in newsletter / bulletin	1
i	Other types of publications if any	NONE
j	Patents granted	NONE
k	Total citations (as Dec 2020)	1855
	h-index (as of May 2022)	28
	i-index (as of May 2022)	90

6.2 Details of Publications: (Please give details as indicated below)

- a) **Papers published in International Journals (Title, Author & Co-authors, Journal, Volume, Year of publication and Page Numbers and Total citation)**

1. *Accredited Social Health Activist (ASHA) and her Role in District Mental Health Program: Learnings from the COVID 19 Pandemic.* Rahul P, Chander KR, Murugesan M, Manjappa AA, Parthasarathy R, Manjunatha N, **Kumar CN**, Math SB. *Community Ment Health J* Apr; 57 (3); 2021: 442-445. (6)

2. *Dissimilar social cognition signatures in remitted schizophrenia and bipolar disorder.* Mahalingaiah P, Mehta UM, **Kumar CN**, Reddy YCJ, Kumar KJ, Thirthalli J. *Asian J Psychiatry.* Mar; 57:102593. doi: 10.1016/j.ajp.2021.102593. Epub 2021 Feb 5. 2021: 1-4 (0)
3. *Telephonic follow-up during COVID-19 to maintain continuity of care for persons with psychiatric disorders.* Naik SS, Rahul P, Harihara S, Pahuja E, Chithra NK, Ramachandraiah S, Kumar V, Mehta UM, Manjunatha N, **Kumar CN***, Math SB, Thirthalli J. *Asian J Psychiatry.* 57, 2021; 102564 (4)
4. *Comparable effects of 0.5 ms and 1.5 ms pulse-widths on cardiovascular response in schizophrenia patients receiving electroconvulsive therapy.* Ithal D, Mitra S, Nallur SV, Arumugham SS, **Kumar CN**, Ramesh VJ, Thirthalli J, Gangadhar BN. *J Psychiatr Res.* 132 Jan; 2021:195–7 (0)
5. *Antidepressant effects of ketamine and ECT: A pilot comparison.* Sharma RK, Kulkarni G, **Kumar CN***, Arumugham SS, Sudhir V, Mehta UM, Mitra S, Thanki MV, Thirthalli J. *J Affect Disord.* Nov 1, 276; 2020: 260–6. (5)
6. *Embracing Technology for Capacity Building in Mental Health: New Path, Newer Challenges.* Malathesh BC, Ibrahim FA, Nirisha PL, **Kumar CN***, Chand PK, Manjunatha N, Math SB, Thirthalli J, Manjappa AA, Parthasarathy R, Reddy S, Arora S. *Psychiatr Q.* Nov 19, 2020: 1–8. (7)
7. *Identification of Psychiatric Disorders by Rural Grass-Root Health Workers: Case Series & Implications for the National Mental Health Program of India.* Ibrahim FA, Nirisha L, Barikar M, **Kumar CN***, Chand PK, Manjunatha N, Math SB, Thirthalli J, Manjappa AA, Parthasarathy R, Reddy S, Arora S. *Psychiatr Q.* 2020 Aug 9: <https://doi.org/10.1007/s11126-020-09807-5> (3)
8. *Care at doorsteps for persons with severe mental disorders: A pilot experience from Karnataka district mental health program.* Basavaraju V, Murugesan M, **Kumar CN***, Gowda GS, Tamaraiselvan SK, Thirthalli J, et al. *Int J Soc Psychiatry.* Dec 24; 2020 20764020983856. (3)
9. *Mental health concerns in quarantined international air passengers during COVID-19 pandemic - An experiential account.* Ritish D, Dinakaran D, Chander R, Ibrahim FA, Parthasarathy R, Pandey PK, Sharma PK, Pandian D, Manjunatha N, Reddi SK, Moirangthem S, **Kumar CN**, Math SB, Gangadhar BN. *Asian Journal of Psychiatry.* Aug; 53:102364. 2020 DOI: 10.1016/j.ajp.2020.102364 (3)
10. *Homeless persons with mental illness and COVID pandemic: collective efforts from India.* Gowda GS, Chithra NK, Moirangthem S, **Kumar CN**, Math SB. *Asian J Psychiatry.* 54; 2020: 102268 (12)
11. *Thirthalli J, Patley R, Kumar CN. Training Mental Health Professionals for COVID-19 pandemic and beyond.* *Indian J Soc Psychiatry.* 36; 2020: S58-60 (1)
12. *Crossing barriers: Role of a Tele-outreach program addressing psychosocial needs in the midst of COVID-19 pandemic.* Ravindran S, Nirisha L, **Kumar CN**, Seshadri S P, Kasi S, Sanjeev KM, Cherian A V, Palanimaatu S T, Sudhir P, Govindan R, Reddy BP, Daniel A C, George S. *Asian J Psychiatry.* Aug 15, 2020: 102351. doi: 10.1016/j.ajp.2020.102351. (23)

13. *Homeless people with mental illness in India and COVID.* Naik SS, Gowda GS, Shivaprakash P, Subramaniyam BA, Manjunatha N, Reddi VSR, **Kumar CN**, Math SB, Gangadhar BN. *Lancet Psychiatry* Aug; 7 (8); 2020: e51-e52 (13)
14. *Fitness to stand trial in a person with intellectual developmental disorder-a case report.* Malathesh BC, Gowda GS, **Kumar CN**, Moirangthem S, Vinay B, Math SB. *Asian J Psychiatry.* 50; 2020; Doi: 10.1016/j.ajp.2020.101964 (1)
15. *Feasibility testing of a supported education programme for students with severe mental disorders.* Annapally S, Jagannathan A, Kishore MT, Daliboina M, **Kumar CN**. *Int J Soc Psychiatry.* 67 (1); 2020: 22-34 (0)
16. *Addressing the mental health concerns of migrant workers during the COVID 19 pandemic: an experiential account.* Chander R, Murugesan M, Ritish D, Damodharan D, Arunachalam V, Parthasarathy R, Raj A, Sharma MK, Manjunatha N, Math SB, **Kumar CN**. *Int J Soc Psychiatry.* Nov 67 (7) 2021: 826-829. DOI: 10.1177/0020764020937736. Epub 2020 Jun 29 (29)
17. *Implementing National Mental Health Program: local leaders' perspective and lessons for national action.* Kalivanan RC, Basavaraju V, Sadh K, Patley R, Nagabhushana SH, Manjunatha N, **Kumar CN**, Math SB. *As J Psychiatry.* Oct, 53; 2020: <https://doi.org/10.1016/j.ajp.2020.102233> (0)
18. *Collaborative video consultation from tertiary care based tele-psychiatrist to a remote primary care doctor to manage opioid substitution therapy clinic.* Pahuja E, Kumar S, Kumar A, Uzzafar F, Sarkar S, Manjunatha N, Balhara YPS, Kumar CN, Math SB. *J Neurosci Rural Pract.* Jul; 11(3) 2020; 498-501. Doi: 10.1055/s-0040-1713293. Epub 2020 Jun12 (7)
19. *Neuropsychiatric aspects of COVID 19 pandemic: a selective review.* Dinakaran D, Manjunatha N, Kumar CN, Suresh BM. *As J Psychiatr* May 30, 53; 2020: 102188. Doi: 10.1016/j.ajp.2020.102188 (86)
20. *Virtual Physical Examination in Video Consultations: A valid inspection component of physical examination.* Manjunatha N, **Kumar CN**, Math SB et al. *National Medical Journal of India.* Vol 34, No 2; 2021: 122 (3)
21. *Diploma in Primary Care Psychiatry: an innovative digitally driven course for primary care doctors to integrate psychiatry in their general practice.* Pahuja E, Santosh KT, Harshitha N, Fareeduzaffer, Manjunatha N, Gupta R, **Kumar CN**, Math SB, Chandra PS. *As J Psychiatry.* Aug 52; 2020: <https://doi.org/10.1016/j.ajp.2020.102129> (10)
22. *Response to: Rethinking online mental health services in China during the COVID-19 epidemic.* Malathesh BC, Gowda GS, **Kumar CN**, Manjunatha N, Math SB. *Asian J Psychiatry.* 51; 2020: 102-105 (17)
23. *Telemedicine- Based Tobacco Treatment Model in Primary Care from a Low-Resource Setting.* Bhushan MP, Santhosh TK, Uzzafar F, Manjunatha N, **Kumar CN**, Math SB. *J Neurosci Rural Pract.* 10; 2019: 690-692 (5)

24. *Tele-Psychiatric after care clinic for the continuity of care: A pilot study from an academic hospital.* Das S, Manjunatha N, **Kumar CN**, Math SB, Thirthalli J. *Asian J Psychiatr.* Nov (101886); 2019: 1-4 (31)
25. *Comparison of cognitive adverse effects and efficacy of 2 pulse widths (0.5ms and 1.5ms) of brief pulse bilateral electroconvulsive therapy in patients with schizophrenia - A randomized single blind controlled trial.* Ithal D, Arumugham SS, **Kumar CN**, Venkatapura RJ, Thirthalli J, Gangadhar BN. **Schizophr Res.** Feb; 216; 2020: 520-522 (3)
26. *Repetitive Superficial Self harm as an Acting Out on Delusion of persecution: A case report and mini review.* Manjunatha N, **Kumar CN**, Math SB, Rajmohan P, Salam Abdu, Pahuja E. *Asian J Psychiatr.* Feb; 48; 2020: 101904 (1)
27. *Collaborative Tele-Neuropsychiatry Consultation Services for Patients in Central Prisons.* Agarwal PP, Manjunatha N, Gowda GS, Kumar MNG, Shanthaveeranna N, **Kumar CN**, Math SB. *J Neurosci Rural Pract.* 2019 Jan-Mar;10(1):101-105 (17)
28. *Impact of community-based rehabilitation for mental illness on 'out of pocket' expenditure in rural South India.* Sivakumar T, James JW, Basavarajappa C, Parthasarathy R, Kumar CN, Thirthalli J. *As J Psychiatry.* 44; 2019: 138-142
29. *Symposium summary on "Community Psychiatry and DMHP—An update"* Sadh K, **Kumar CN***, Malathesh BC, Kumar S, Chander R, Gowda GS, Gowda VB, H N S, Manjunatha N, Parthasarathy R, Rao GN, Math SB, Chandra PS. *Asian J Psychiatr.* 2019 Jan; 39:29-31 (4)
30. *Diminished modulation of motor cortical reactivity during context-based action observation in schizophrenia.* Irappa BV, Meherwan UM, Shalini SN, Govindaraj R, Varambally S, Sundar SA, **Kumar CN**, Thirthalli J 2019 Feb *Schizophrenia research* 2019 Feb; 204:222-229 (6)
31. *Lower pulse frequency, and no longer stimulus duration, helps reduce seizure threshold in ECT.* Thanki MV, Mitra S, **Kumar CN**, Thirthalli J, Gangadhar BN. *Brain Stimul.* 2018 May - Jun;11(3):656-657 (1)
32. *Barriers to Disclosure of Intimate Partner Violence among Female Patients Availing Services at Tertiary Care Psychiatric Hospitals: A Qualitative Study.* Vranda MN, **Kumar CN**, Muralidhar D, Janardhana N, Sivakumar PT. *J Neurosci Rural Pract.* 2018 Jul-Sep;9(3):326-330 (38)
33. *Maternal filicide: A case series from a medico-legal psychiatry unit in India.* Gowda GS, **Kumar CN**, Mishra S, Malathesh BC, Komal S, Math SB, Chandra PS. *Asian J Psychiatr.* 2018 Aug; 36:42-45 (4)
34. *Conference summary of ten days On-site Training Module of 'Primary Care Psychiatry Program' for Primary Care Doctors of Uttarakhand".* Kulkarni K, Gowda GS, Malathesh BC, Kumar S, Manjunatha BR, Shashidhara HN, Vinay B, Manjunatha N, **Kumar CN**, Math SB. *Asian J Psychiatr.* 2018 Aug; 36:29-30 (9)

35. *Feasibility and Utility of Tele-Neurorehabilitation Service in India: Experience from a Quaternary Center.* Khanna M, Gowda GS, Bagevadi VI, Gupta A, Kulkarni K, S Shyam RP, Basavaraju V, Ramesh MB, Sashidhara HN, Manjunatha N, **Kumar CN**, Math SB. *J Neurosci Rural Pract.* 2018 Oct-Dec;9(4):541-544 (26)
36. *Cerebral Oxygen Saturation During Electroconvulsive Therapy: A Secondary Analysis of a Randomized Crossover Trial.* Sriganesh K, Jadhav T, Venkataramaiah S, **Kumar CN**, Armugham S, Philip M, Madhusudan Reddy KR, Thirthalli J, Umamaheswara Rao GS. *J Neurosurg Anesthesiol.* 2018 Oct;30(4):314-318. (3)
37. *Duration of Pupillary Unresponsiveness to Light: A Physiological Adjunct to Electroencephalography and Motor Seizure Duration Monitoring During Electroconvulsive Therapy.* Venkataramaiah S, Umamaheswara Rao GS, Kamath S, Jadhav T, **Kumar CN**, Arumugham SS, Reddy M, Philip M, Thirthalli J. *J ECT.* 2018 Dec;34(4):e61-e64 (1)
38. *A study on collaborative tele psychiatric consultations to outpatients of district hospitals of Karnataka, India.* Gowda GS, Kulkarni K, Bagevadi VI, Shyam RPS, Manjunatha BR, Shashidhara HN, Basavaraju V, Manjunatha N, Moirangthem S, **Kumar CN**, Math SB. *Asian J Psychiatry.* 2018 Oct;37: 161-166 (20)
39. *Prevalence & correlates of areca use among rural south Indian schizophrenia patients: A comparative study with general population.* Udupi SA, **Kumar CN***, Suresh KK, Arunachala U, Thirthalli J. *Asian J Psychiatr.* 2018 Dec; 38:60-64. (4)
40. *Need for micro-finance self-help groups among women family caregivers of persons with mental disability in rural India.* Nair S, Jagannathan A, Suresha KK, **Kumar CN**, Thirthalli J. *Mental Health and Social Inclusion* 2018, 22: 34-45 (5)
41. *Six months' course and outcome of metabolic abnormalities in a cohort of patients with schizophrenia in rural India.* Bijjal S, Ganesh S, Rawat VS, Agarwal V, Shanivaram Reddy K, Renuka Devi NR, **Kumar CN***, Christopher R, Thirthalli J. *Schizophr Res.* 2018 Nov;201:415-416. (3)
42. *Prof Ravishankar Pandey Obituary, (1st July 1951 to 1st July 2018): a teacher extraordinaire.* **Kumar CN***. *Nat Med J India Natl Med J India.* 2018 Jul-Aug;31(4):241. (0)
43. *Prevalence and predictors of metabolic syndrome in patients with schizophrenia and healthy controls: a study in rural south Indian population.* Rawat VS, Ganesh S, Bijjal S, Shanivaram Reddy K, Agarwal V, Devi Renuka, **Kumar CN***, Christopher R, Thirthalli J. *Schiz Res.* 192; 2018: 102-107, (19)
44. *Factors influencing advance directives among psychiatric inpatients in India.* Gowda GS, Noorthorn EO, Lepping P, **Kumar CN**, Nanjegowda RB, Math SB. *Int J Law Psychiatry.* 56; 2018: 17-26, (17)
45. *Koro: much more than a culture bound syndrome.* Garg K, **Kumar CN**. Sharadhi A. *Asian J Psychiatr.* 29; 2017: 146-147, (2)

46. *Koro in Panic Disorder: Beyond A Culture bound Phenomena.* Garg K, Das N, **Kumar CN.** Asian J Psychiatry.31; 2018: 73-74, (1)
47. *Sociodemographic and clinical profiles of homeless mentally ill admitted in mental health institute of South India: 'Know the Unknown' project.* Gowda GS, Gopika G, Manjunatha N, **Kumar CN,** Yadav R, Srinivas D, Rose Dawn B, Math SB. Int J Soc Psychiatry. 63; 2017: 525-531, (17)
48. *Multimodal sensory distortions in postpartum exacerbation of schizophrenia.* Mehta UM, **Kumar CN,** Venkatasubramanian G, Thirthalli J. Clin Schizophr Relat Psychoses Winter. 10; Winter 2017: 222-224 (1)
49. *Concomitant anticonvulsants with bitemporal electroconvulsive therapy: a randomized controlled trial with clinical and neurobiological application.* Rakesh G, Thirthalli J, **Kumar CN,** Muralidharan K, Phutane VH, Gangadhar BN. J ECT. 33; 2017: 16-21 (17)
50. *Factors influencing participation of psychiatry inpatients in clinical trials.* Mopuru NR, Jose SP, Viswanath B, **Kumar CN***, Math SB, Thirthalli J. Asian J Psychiatr,32; 2018: 40-43, (3)
51. *Unknown patients and neurology casualty services in an metropolitan city: A decade's experience.* Umesh A, Gowda GS, **Kumar CN***, Srinivas D, Dawn BR, Botta R, Yadav R, Math SB. Ann Indian Acad Neurol. 20; 2017; 109-115, (4)
52. *Novel method of altering stimulus parameter to facilitate seizure induction during electroconvulsive therapy Stimulation.* Thirthalli J, **Kumar CN,** Mitra S, Ashok HA, Gangadhar BN. Brain Stimul. 10; 2017: 1143-1144 (5)
53. *Conference summary on "Digital mental health: opportunities and challenges in India".* Manjunatha N, Lakshmanan S, **Kumar CN,** Chand PK, Sharma S, Math SB, Chandra PS. Asian J Psychiatr.28; 2017: 80-81, (3)
54. *Clinical outcome and rehabilitation of homeless mentally ill patients admitted in mental health institute of South India: Know the Unknown project.* Gowda GS, Gopika G, **Kumar CN,** Manjunatha N, Yadav R, Srinivas D, Dawn BR, Math SB. Asian J Psychiatr. 30; 2017: 49-53, (23)
55. *Treatment discontinuation in schizophrenia: a qualitative exploration from a rural south Indian community.* Shanivaram Reddy K, Thirthalli J, **Kumar CN,** Krishna Reddy N, Bijjal S, Renukadevi NR, Rawat VR. J Neurosci Rural Pract. 8; 2017 254-260, (4)
56. *Effect of atropine premedication on cardiac autonomic function during electroconvulsive therapy: A randomized cross-over study.* Jadhav T, Kamath S, Thirthalli J, Reddy M, Venkataramaiah S, **Kumar CN,** Shyamsundar A. J ECT. 33; 2017: 176-180, (8)
57. *A comparative study of short-term efficacy of aripiprazole and risperidone in schizophrenia.* Sajeew Kumar PB, Pandey RS, Thirthalli J, Sivakumar PT, **Kumar CN.** Curr Neuropharmacol. 15; 2017: 1073-1084, (8)

58. *Involuntary admission and treatment experiences of persons with schizophrenia: Implications for the Mental Health Care Bill 2016.* Gowda GS, Kondapuram N, **Kumar CN**, Math SB. *As J Psychiatry.* 29; 2017: 3-7 (9)
59. *Prevalence and determinants of metabolic syndrome in patients with schizophrenia: a systematic review and meta-analysis of Indian studies.* Ganesh S, Ashok HA, **Kumar CN**, Thirthalli J. *Asian J Psychiatr.* 22; 2016: 86-92, (21)
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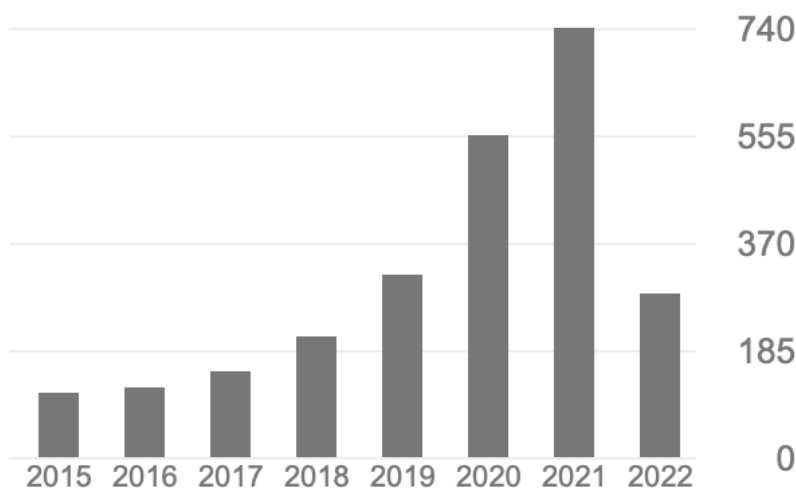
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<https://meetings.fic.nih.gov/Home/Tab2/29464>

3. **Kumar CN**. Interface between Community Psychiatry and Geriatric Psychiatry. Symposium, Sakalawara Community Mental Health Centre, NIMHANS, Feb, 2021
4. **Kumar CN**, Gopi Gajera, Sujai R, Malathesh BC, Lakshmi Nirisha, Manjunatha N, Suresh Bada Math. Presentation on “Mental health and Telepsychiatry” at 16th International Conference of Telemedicine Society of India - TELEMEDICON 2020 (online) on Friday, 18th December 2020.
5. Vijayalakshmi P, Kathyayani BV, Manjunatha N, **Kumar CN**, Math SB. Nursing intern’s perceptions of telenursing: Implications for nursing education. Poster presentation at 16th International Conference of Telemedicine Society of India - TELEMEDICON 2020 (online) on Sunday, 20th December 2020.
6. Nagendrappa S, Mukku SR, Venu MA, Harshitha NR, Manjunatha N, Sivakumar PT, **Kumar CN**, Math SB. (S113) Tele-psychiatric after care (TAC) Clinic from India: Pattern of continuity of care of patients with severe mental disorders. Scheduled for poster presentation at Schizophrenia International Research Society (SIRS) 2020 to be held at Florence, Italy on April 4-8, 2020. (Postponed in view of COVID-19)
7. Enara A, Manjunatha N, **Kumar CN**, Math SB. Tele-after care clinics for Geriatric patients- Insights from a low- and middle-income country. In a multi-national symposium (YHPT Symposium 2) titled “IMPROVING ACCESS TO CARE, INSIGHTS FROM AROUND THE WORLD” at 23rd World Congress of Social Psychiatry- 2019 at Bucharest on 25-28, Oct 2019.
8. Garg K, Kumar S, Manjunatha N, **Kumar CN**, Math SB. Psychiatric Training of Primary Care Doctors – A model from a low resource state in India. In a multi-centric Symposium (Symposium 8) titled ‘Improving Access To Care, Insights From India’ at 23rd World Congress of Social Psychiatry- 2019 at Bucharest on 25-28, Oct 2019.
9. Enara A, Manjunatha N, **Kumar CN**, Math SB. Ethical and Legal challenges in the planning and implementation of telepsychiatry based primary care doctors training modules from a low- and middle-income country in a multi-centric Symposium (Symposium 8) titled ‘Improving Access To Care, Insights From India’ at 23rd World Congress of Social Psychiatry- 2019 at Bucharest on 25-28, Oct 2019.
10. Reddy KS, Devaraj R, Manjunatha N, **Kumar CN** et al. An Initial experience of DMHP link clinic from NIMHANS Bengaluru across Karnataka. Oral presentation at 38th Annual National Conference of Indian Society of Professional Social Work at Central Institute of Psychiatry, Ranchi on 28 Feb- 1 March, 2020.
11. Kumar CN, Prasad Rao G. Insurance and Mental Health, Tele Arogya Series. Jul 2020
12. Reddy KS, Devaraj R, Manjunatha N, **Kumar CN**, Suresh BM, Rahul P, Chander R, Vinay B, Shashidhara HN, Thirthalli J. An Initial experience of DMHP link clinic from NIMHANS Bengaluru across Karnataka. Oral presentation at 38th Annual National Conference of Indian Society of Professional Social Work at Central Institute of

Psychiatry, Ranchi on 28 Feb- 1 March 2020.

13. Dinakaran D, Alekhya TSL, Nagendrappa S, Manjunatha N, **Kumar CN**, Math SB. Mental Healthcare Management Systems (MHMS) – The Integration of mental healthcare, information technology and Law. A symposium presented at Annual Conference of Indian Psychiatric Society (ANCIPS) 2020 at Kolkata on 22-25 January 2020.
14. Chander R, Manjunatha N, **Kumar CN**, Math SB, Reddy YCJ. Comparative prevalence of Common and severe mental disorders at mental health institute. Poster presentation (for Dr Murugappan poster award) at Annual Conference of Indian Psychiatric Society (ANCIPS) 2020 at Kolkata on 22-25 January 2020.
15. Pahuja E, Santhosh KT, Fareeduzzafar, Manjunatha N, **Kumar CN**, Gupta R, Math SB. Impact of a digitally driven and module based Primary Care Psychiatry Program for Uttarakhand State. *Poster presentation (for Prof KC Dubey poster award)* at Annual Conference of Indian Psychiatric Society (ANCIPS) 2020 at Kolkata on 22-25 January 2020.
16. Shashidhara HN, Vinay B, Manjunatha N, **Kumar CN**, Math SB. A review of the utilization of telepsychiatric services in India and discussion on challenges and opportunities in effective utilization of telepsychiatry in India. Free paper presented at Annual Conference of Indian Psychiatric Society (ANCIPS) 2020 at Kolkata on 22-25 January 2020.
17. Manjunatha N, Math SB, Gupta R, **Kumar CN**, Balhara YS. Primary care psychiatry program in India: Focus on addiction psychiatry. A symposium presented on 13-16 November 2019 at New Delhi in 21st Annual Conference of International Society of Addiction Medicine.
18. Srikanth D M, Nishanth K N, Sagi M, Kulkarni AV, Manjunatha N, **Kumar CN**, Math SB, Thirthahalli J, Parthasarathy R, Basavaraju V, Shashidhara H N, Binukumar B. Challenges in implementation of telepsychiatric-on consultation training for primary care doctors in Karnataka. Poster presentation at 29th Annual Conference of Indian Psychiatric Society- Karnataka Chapter at Banaglore Medical College and Research Institute on 24-25 August 2019.
19. **Kumar CN**. COVID 19: Ground Reality, Dark Clouds and Silver Linings: A webinar series on Cities and Current Affairs. April 2020
20. **Kumar CN**. Mental health concerns during COVID 19 pandemic. Rotary Spandana weekly meeting 33, April 2020
21. Sivakumar PT, **Kumar CN**, Kishore T, Manikappa S. Webinar on Psychosocial care during COVID 19 pandemic. March 2020
22. Ravi V, Dinakaran D, **Kumar CN**, Manjunatha N. Mental Healthcare during Pandemics: A Panel discussion. INDIANS, March 2020
23. **Kumar CN**, Gowda M. Legal and Ethical issues in Tele-Psychiatry. Workshop presented at ANCIPS, Jan 2020. Kolkata, India
24. Manjunatha N, **Kumar CN**, Nagendrappa S, Pahuja E, Ibrahim FA, Math SB.

Introduction to Tele-Psychiatry and Karnataka Telemedicine Mentoring and Monitoring Program. Paper presented at ANCIPS, Jan 2020, Kolkata, India

25. Pahuja E, Manjunatha N, Kumar ST, **Kumar CN**, Gupta R, Fared U, Math SB. Impact of a digitally driven module based Primary Care Psychiatry Program for Uttarakhand State. Poster presented at ANCIPS, Jan 2020, Kolkata, India. **This poster won the Dr KC Dube Award in the competition for best posters**
26. Ibrahim FA, **Kumar CN**, Manjunatha N, Jain S, Math SB. Chhattisgarh Community Mental Healthcare Telementoring Program (CHaMP). Paper presented at ANCIPS, Jan 2020, Kolkata, India
27. Dinakaran D, Manjunatha N, Parthasarathy R, Srikanth TK, Rao GN, **Kumar CN**, Math SB. Karnataka Mental Healthcare Management System. The Symposium was presented at ANCIPS, Jan 2020, Kolkata, India
28. Sachin N, Shivashankar RM, Venu MA, Nisha R Harshitha, Manjunatha N, Shivakumar PT, **Kumar CN**, Math SB. Schizophrenia international research society conference tolerance. Tele Psychiatric after TAC clinic from India pattern of continuity of care of patients with severe mental disorder. Conference of the Schizophrenia International Research Society, April 2020, Florence, Italy. This paper won the **Travel Award for presenting the paper.**
29. **Kumar CN**. '*Future of DMHP*'. Paper presented in 'International Conference of World Association of Psychosocial Rehabilitation', Bangalore Medical College and Research Institute, December 2019, Bengaluru, India.
30. Dinakaran, Alekya, Manjunatha N, Parthasarathy R, **Kumar CN**, Girish N Rao, Math SB. A progress of Mental Health Care Management System, (Invited Presentation) "Health Information Management Association" HIMACON National Conference Nov 8th & 9th 2019, NIMHANS Convention Centre, Bengaluru.
31. **Kumar CN**, Moirangthem S, Math SB. Conducted the moot court at Kodugu from 18th to 20th October 2019.
32. **Kumar CN**. Speaker at "Occupational stress and Mental Helath Issues among Uniformed personnel" at IIPHG, Gandhinagar, on 10th and 11th October 2019.
33. **Kumar CN**. Scientific session chaired on issues in clinical psychiatry at CEZIPS annual conference at Portblair from 20th to 22nd September 2019.
34. Manjunatha N, Parthasarathy R, **Kumar CN**, Math SB. Overview of the Karnataka Telemedicine Mentoring and Monitoring Program: An Overview- Presented this as a free paper at KANCIPS 2019.
35. Kumar CN. Talk on Mental Healthcare act 2017 – Challenges and opportunities" in a symposium at Lucknow, UP from 31st January to 03rd February 2019.
36. **Kumar CN**. 'Persons with Mental Illness in Homeless and other Unreached situations', 5-6 January 2019, New Delhi, India

37. **Kumar CN.** Using public health resources for prevention/promotion in Psychiatry. 1st National CME on Preventive Psychiatry, 8th December 2018, Patna, India
38. **Kumar CN.** Mental Healthcare Act, 2017: What Psychiatrists should know? Conference of the North Maharashtra Psychiatric Association, 15th to 17th December 2018 Shirdi, India
39. **Kumar CN.** Attended DMHP program and a speaker for SMHA-AP, DMHP sensitization programme at Amaravati, Andhra Pradesh on 20th December 2018
40. **Kumar CN,** Parthasarathy P, Vinay B, DMHP teams, Narayana M, Shashidhara HN, Thirthalli J, Math SB. *Assisted Home Care to Persons with Severe Mental Illnesses. Poster selected for presentation* at the 5th National Summit on good and replicable practices in public healthcare systems, **National Health Mission**, Ministry of Health and Family Welfare, Govt. of India, Oct 30th-1 Nov, 2018, Kaziranga, Assam, India
41. Shanivaram Reddy K, Aarti J, Ashraf GH, **Kumar CN,** Thirthalli J, Muralidhar D *Barriers in obtaining Social Security Schemes for Families of Persons with Intellectual and Developmental Disorders (IDD) in Rural Community of South India.* National Conference of Indian Association for Social Psychiatry 2018, Rothak, India
42. **Kumar CN.** *DMHP concepts and its progress in Karnataka.* Presentation at Guwahati Medical College, November 2018, Guwahati, India
43. Philip S, Moirangthem S, **Kumar CN,** Math SB. *Autonomous advance treatment decisions in Indian mental healthcare.* 13th World Conference on Bioethics, Medical Ethics & Health Law, St Johns Medical College, November 2018, Bangalore, India
44. Gowda GS, Kiran BR, Bagewadi VI, Kulkarni K, Shyam RPS, Vinay B, Shashidhara HN, Narayana M, Parthasarathy R, **Kumar CN,** Math SB, Thirthalli J. *Acceptability and feasibility of tele on-consultation training method for Primary Care Physicians.* IPSOCON, Oct 26th-28th, 2018, Tirupati, India. **The paper was selected for presentation in the Dr SS Jayaram Award session**
45. Santhosh Kumar T, Guru S Gowda, Bariker C Malathesh, Karishma Kulkarni, Shashidhara HN, Vinay B, BR Manjunatha, Manjunatha N, **Kumar CN,** Suresh Bada Math. *An initial 10 weeks of Patient and Prescription audit analysis of primary care doctors from primary care psychiatry program.* Oral paper presentation at IPSOCON 2018, Tirupati, India
46. Santhosh Kumar T, Guru S Gowda, Bariker C, Malathesh, Karishma Kulkarni, Shashidhara HN, Vinay B, BR Manjunatha, Manjunatha N, **Kumar CN,** Math SB. *Primary care psychiatry program: Audit report from collaborative video consultation module.* Oral paper presentation at IPSOCON 2018 at Tirupati.
47. Math SB, **Kumar CN,** Narayana M. *Court-Room Proceedings.* IPSOCON 2018, Tirupati, India
48. **Kumar CN.** *Suicide reporting in Press and Media.* JSS school of Nursing, as part of the world Mental Health Day celebrations, Oct 2018, Mysuru, India.

49. Kalaiivanan Rakesh Chander, Narayana Manjunatha, Binu Kumar, **Kumar CN**, Suresh Bada Math, YC Janardhan Reddy. *The Prevalence and Correlates of Somatization Disorder at a Quaternary Mental Health Centre*. IPSOCON, Oct 2018, Tirupati, India
50. **Kumar CN**, Narayana M, Math SB. *Ethical and legal issues in Tele-psychiatry*. GERON, September 2018, Imphal, India
51. Narayana M, **Kumar CN**, Math SB. *Operational aspects of tele-after care clinic*, NIMHANS. GERON, September 2018, Imphal, India
52. **Kumar CN**, Jagadisha T Reddy SK, Sivakumar T. *Moving towards Taluk Mental Health Program. Insights from cohorts. Community Psychiatry and District Mental Health Program: An update*, Sept 2018, NIMHANS, Bengaluru, India
53. **Kumar CN**. *MHCA compliant certification and documentation in Mental Health Establishment*. 3rd annual conference for rural mental health, Sept 2018, Karnal, India
54. **Kumar CN**. *A way out of MHCA 2017. Looking for solutions*. 3rd annual conference for rural mental health, Sept 2018, Karnal, India.
55. Manjunatha B, Narayana M, Rao G, Math SB, **Kumar CN**. Title: *how much does depression costs and disables a person?* KANCIPS 2018, Dharwad, India.
56. Manjunatha B, Narayana M, Rao NG, Bada Math S, **Kumar CN**. *A study of disability and cost analysis of Depressive disorder*. KANCIPS 2018, Dharwad, India
57. Garg K, **Kumar CN**. *Medication Adherence and Real-World Functioning in Patients with Schizophrenia in a Rural South Indian Setting*. World Congress of Psychiatry, World Psychiatric Association, Mexico City, Mexico, September 2018. **This paper won the WPA travel award for young scientists**
58. **Kumar CN**. *Basic clinical services in DMHP*. Capacity building program for the DMHP nodal officers in Chhattisgarh, Aug 2018, NIMHANS, Bengaluru, India
59. **Kumar CN**. *Mental Disability: Legal and ethical issues. Sensitization program for District Judges on 'Vulnerabilities and Disabilities'*, Aug 2018, Delhi Judicial Academy, Delhi, India
60. **Kumar CN**. *Basic clinical services in DMHP*. Capacity building program for the DMHP nodal officers in Chhattisgarh, Aug 2018, NIMHANS, Bengaluru, India.
61. T Sivakumar, JW James, Santosh S, D Dundappa, Rajappa, AL Janardhana, **Kumar CN**, Thirthalli J. *Impact of community-based rehabilitation project on 'out of pocket' expenditure: Jagaluru experience*. ICONS of SCARF 30th August to 1st September 2018, Chennai, India.
62. **Kumar CN**. *Mental Disability: Legal and ethical issues. Sensitization program for District Judges on 'Vulnerabilities and Disabilities'*, Aug 2018, Delhi Judicial Academy, Delhi, India.

63. **Kumar CN.** *Digital Learning in Mental Health.* Dr. MV Govindaswamy Centre, NIMHANS, Bengaluru. 18th July 2018.
64. Narasimha G V L, **Kumar CN**, Jagannathan A, Harish N, Thirthalli J, Chaturvedi.S.K, Kumar D, Bhola P, Prasad K, Sivakumar.T, Angothu H, Jayarajan D. *Feasibility of Implementing a Structured Vocational Rehabilitation Program for Persons with Severe Mental Disorders in a Tertiary Care hospital in India.* Euro Mental Health Congress at Paris, this July 9th 2018.
65. **Kumar CN**, ‘*Skills and Wills*’ as a guest speaker in GPSYCON 2018 on 30th June 2018 and 1st July 2018 at Goa.
66. Moorkath, F, Vranda N, **Kumar CN**, *Homelessness and Mental Illness: Lived Experiences of Institutionalized Women in India.* SOCIOINT-2018-5th International Conference on Education, Social Sciences and Humanities organized by International Organization Center for Academic Research. DUBAI-United Arab Emirates, July 2-4,2018.
67. Math SB, **Kumar CN.** *Capacity to Consent*, Workshop in the annual conference of the Indian Chapter of the World Association for Psychosocial Rehabilitation, 8th to 11th June 2018, Tirupati, India
68. **Kumar CN:** “POCSO Act and psychiatrist”, RISE 2018, 13th May 2018, Goa, India
69. **Kumar CN.** *Substance use and other mental disorders in correctional settings: challenges and future directions.* Academy for Prisons and Correctional Administration, March 2018, Vellore, India
70. **Kumar CN.** *Rehabilitation in the Community: lessons for the District Mental Health Program.* Didactics for the Road to Recovery (R2R) program of the VKN NIMHANS ECHO. Feb 2018, NIMHANS, Bengaluru, India
71. Kiragasur RM, Kadiveti S H, Jacob P, **Kumar CN**, Thirthalli J . *Efficacy of Electroconvulsive Therapy in late Adolescents with Psychosis: A Five Year Chart Review.* February 2018.
72. Sharma KR, **Kumar CN**, Armugam S, V Sudhir, Mehta U M, Kulkarni K, Mitra S, Milind V T, Thirthalli J. *Antidepressant effects of Ketamine and ECT: A Pilot Comparison.* INA 2018, NIMHANS, Bengaluru, India.
73. Das S, Narayana M, **Kumar C N**, Math SB, Thirthalli J. *Acceptability, satisfaction and privacy of patients and their family about their tele aftercare psychiatric consultations from a tertiary care hospital.* E-Poster presented at World Psychiatric Association’s Thematic Congress at Melbourne, Australia on 25-28 February 2018.
74. Kadiveti SH, **Kumar C N**, Math, S.B, Moirangthem S. *Legal Aid in Psychiatry An exploratory study carried out in a Tertiary Neuropsychiatric centre in India.* WPA at Melbourne, Australia on, 26 February 2018.
75. Yalgudri BD, Garg K, Narayana M, Gautham M S, **Kumar C N**, Chand PK, Rao GN. *Case vignette-based evaluation in psychiatry for primary care physicians: A*

comparison of two training programs. Short communication presentation at World Psychiatric Association's Thematic Congress at Melbourne, Australia on 25-28 February 2018.

76. Garg K, Narayana M, **Kumar CN**, Chand PK, Arora S. *Case vignette-based outcome evaluation of Blended psychiatric training program for non-specialist physicians*. Poster presented at 'Neuropsychiatry 2018' – 11th International Congress of International Neuropsychiatry Association (TS Srinivasan & NIMHANS Knowledge Conclave- 2018) at NIMHANS Convention Centre, Bengaluru on 15-17 February 2018.
77. Das S, **Kumar CN**, Mitra S, Mehta U, Narayana M, Ganesh V, Thirthalli J. *A case of Electromagnetic hypersensitivity syndrome (EHS) successfully treated with repetitive transcranial magnetic stimulation*. Poster presented at 'Neuropsychiatry 2018' – 11th International Congress of International Neuropsychiatry Association (TS Srinivasan & NIMHANS Knowledge Conclave- 2018) at NIMHANS Convention Centre, Bengaluru on 15-17 February 2018.
78. **Kumar CN**, Parthasarathy R, Narayana M, Rao NG, Thirthalli J, Math SB. *Active collaboration between NIMHANS and Govt. of Karnataka for upscaling Primary Care Psychiatry (including DMHP): Processes, Outcomes, Challenges and Future directions*. ANCIPS, Feb 2018, Ranchi, India
79. Khadse PA, Menon J, Bandavar M, **Kumar CN**, Chand PK, Murthy P, Arora S. *Innovative program for training and mentoring of primary health care physicians in the remote areas to provide best practice in mental health*. ANCIPS 2018, FEB 2018, Ranchi, India
80. Math SB, **Kumar CN**. *Managing Change: MHCA, 2017*. ANCIPS, Feb 2018, Ranchi, India
81. Kiran BR, Suresh BM, **Kumar CN**, Manjunatha N. *Tele psychiatry in India: A review*. Presented as part of symposium titled "Tele psychiatry in India: ethical, legal and practical challenges" in 70th Annual National Conference of Indian Psychiatric Society (ANCIPS)-2018 held on 5-8th February 2018 at Central Institute of Psychiatry, Ranchi.
82. **Kumar CN**, Suresh BM, Narayana M, Kiran BR. *Demonstration of Tele psychiatry activities at NIMHANS*. Presented as part of symposium titled "Tele psychiatry in India: ethical, legal and practical challenges" in 70th Annual National Conference of Indian Psychiatric Society (ANCIPS)-2018 held on 5-8th February 2018 at Central Institute of Psychiatry, Ranchi.
83. Math SB, **Kumar CN**, Narayana M, Kiran BR. *Ethical and legal aspects of Tele psychiatry practice in India*. Presented as part of symposium titled "Tele psychiatry in India: ethical, legal and practical challenges" in 70th Annual National Conference of Indian Psychiatric Society (ANCIPS)-2018 held on 5-8th February 2018 at Central Institute of Psychiatry, Ranchi.
84. Narayana M, **Kumar CN**, Suresh BM, Kiran BR. *Practical challenges in tele-psychiatric activities of NIMHANS, Bengaluru*. Presented as part of symposium titled "Tele psychiatry in India: ethical, legal and practical challenges" in 70th Annual

National Conference of Indian Psychiatric Society (ANCIPS)-2018 held on 5-8th February 2018 at Central Institute of Psychiatry, Ranchi.

85. Kiran BR, Bagewadi VI, Kulkarni K, Shyam RPS, Gowda V, Shashidhara HN, Manjunatha N, Parthasarathy P, **Kumar CN**, Math SB, Thirthalli J. Acceptability and Feasibility of Tele-psychiatric “On-Consultation Training” Program for Primary Health Care Physicians. Free paper presented at 70th Annual National Conference of Indian Psychiatric Society (ANCIPS)-2018 held on 5-8th February 2018 at Central Institute of Psychiatry, Ranchi.
86. Harish N, Chilamatur V, Jagannathan A, **Kumar CN**, Thirthalli J, Chaturvedi SK, Kumar D, Bhola P, Muliya KP, Thanapal S, Radhakrishnan G, Angothu H, Jayarajan D. Assessment of vocational potential of persons with severe mental disorders- Oral Paper presentation at World Association for Psychosocial Rehabilitation (WAPR)-Abu Dhabi, September 21-23, 2017, Abu Dhabi National Exhibition Centre, Abu Dhabi
87. Manjunatha N, Shyam RPS, Kulkarni K, Vinay B, Shashidhara HN, **Kumar CN**, Math SB, Thirthalli J. Psychiatric Tele-On-Consultation Training(OCT) Program: An innovative approach to empower Primary Care Physicians and their Feedback. Free paper presented 13th International Conference of Telemedicine Society of India (TELEMEDICON-2017) on 09th to 11th December 2017.
88. Chattopadhyay A, **Kumar CN**, Mehta UM, Sivakumar T, Thirthalli J. Development and pilot testing of an interview schedule for assessing factors influencing educational outcome in students with schizophrenia. 2017, European Congress of Psychiatry, 2017, Florence,
89. Agarwal PP, Narayana M, Parthasarathy P, Thirthalli J, **Kumar CN**. *Performance analysis of Manochaitanya Program of Karnataka*, KANCIPS, Sept 2017, Hampi, India
90. **Kumar CN**. What After Me? Workshop on Rehabilitation of the Psychiatrically ill. World Association for Psychosocial Rehabilitation, May 2017, Bangalore, India.
91. **Kumar CN**. *Disability Assessment in Psychiatry*. Workshop on Psychiatric Disabilities for families of persons with psychiatric disorders, Banjara Academy, June 2017, Bengaluru, India
92. **Kumar CN**. Mental Behaviour under clause-z of section-2 of the Rights of Persons with Disabilities Act, 2016. Workshop on Psychiatric Disabilities for families of persons with psychiatric disorders, Banjara Academy, June 2017, Bengaluru, India
93. **Kumar CN**. Psychological Consequences of Disasters. Annual Conference of the Indian Psychiatric Society, Assam State Guwahati, April 2017.
94. **Kumar CN**. Mental Health Consequences among special populations affected by Disasters. Annual Conference of the Indian Psychiatric Society, Assam State Guwahati, April 2017.
95. **Kumar CN**. Mental and Substance Use in Correctional Settings. ANCIPS 2017, Raipur, Chattisgarh, India.

96. **Kumar CN**, Gowda GS, Noorthoon EO, B. N. Raveesh, Lepping P, Math SB: Factors influencing the advanced directive among psychiatric inpatients from India: prospective study. XXXVth IALMH congress, Prague, Czech Republic; 07/201
97. Math SB, **Kumar CN**. *Court room scenarios*. Department of Psychiatry, Kasturba Medical College, Nov 2016, Manipal, India
98. **Kumar CN**. *Disability Assessment in Psychiatry*, Department of Psychaitry, KS Hegde Academy of Higher Education, Nov 2016, Mangalore, India
99. **Kumar CN**. *Disability Assessment in Psychiatry*, Department of Psychaitry, Silchar Medical College, Sept 2016, Silchar, India
100. **Kumar CN**, Suresha KK, Arunachala U, Thirthalli J. *Role of self-help groups and income generation programs towards real world functioning of persons with schizophrenia: experience from the Thirthalli cohort*. Workability Asia Conference, Aug 2016, Bengaluru, India
101. **Kumar CN**. *Evidence base for ECT in schizophrenia*. 2nd global conference of biological psychiatry, Aug 2016, Bengaluru, India
102. **Kumar CN**. Prison Mental Health. VKN program on Forensic aspects of Addiction, March 2016, NIMHANS, Bangalore, India
103. **Kumar CN**. Public Health Interventions for Psychiatric Disorders focusing on schizophrenia: Is it time to rethink? ANCIPS 2016, 21-24 January, Bhopal, India.
104. **Kumar CN**. Caring Psychiatric Patients in their own communities. Ground Level Challenges. ANCIPS 2016, 21-24 January, Bhopal, India.
105. **Kumar CN**. Mental Health Policy of India: Glimpses from the past. ANCIPS 2016, 21-24 January, Bhopal, India.
106. **Kumar CN**, Insanity Defense: Assessments. ANCIPS 2016, 21-24 January, Bhopal, India
107. **Kumar CN**. ECT for Beginners. IPS south zone CME for psychiatry post graduate students, August 2015, Kottayam, India
108. **Kumar CN**. Basics of ECT. Post graduate training program, 19-20 December 2015, NIMHANS, Bangalore, India
109. **Kumar CN**, Moirangthem S, Manjunatha N, Neelaveni S, Math SB. Telemedicine for prison patients. The NIMHANS experience. 11th International Congress of the Telemedicine society of India, 27-29 November 2015, Kolkata, India
110. **Kumar CN**, Math SB. Work shop on moot-court. Post graduate Training Program, 19-20 December 2015, NIMHANS, Bangalore, India

111. **Kumar CN**, Shyamsundar A, Mehta UM, Venkatasubramanian G, Thirthalli J. Quiz on non invasive brain stimulation. 1st international symposium on non invasive brain stimulation, 20 September 2015, NIMHANS, Bangalore, India
112. **Kumar CN**. Out Patient Based Rehabilitation Services. Symposium on 'Nuts and Bolts of starting a Psychiatric Rehabilitation Centre, 19 September 2015, NIMHANS, Bangalore, India
113. **Kumar CN**. Legal issues in the rehabilitation of homeless mentally ill. VKN program on Psychiatric Rehabilitation, October 2015, NIMHANS, Bangalore, India
114. **Kumar CN**. Severe Mental Disorders. CME program on 'Mental Health in Primary Care, 27 February 2016. General Hospital, Anekal, India
115. **Kumar CN**. *Insanity Defense: Current concepts and future challenges*. Annual conference of the Punjab branch of the Indian Psychiatric Society, Nov 2015, Amritsar, India
116. **Kumar CN**. 'Critique on Mental Health Care Bill 2013'. IPS-Bihar State Branch Annual National, Patna, 7 November, 2015
117. **Kumar CN**. 'Critique on Mental Health Care Bill 2013'. Department of Nursing, NIMHANS, 15 October 2015
118. Rajendra KM, Dayanand Sagar Y, **Kumar CN**, Thirthalli J. Educational outcome among outpatients with severe mental disorders attending a tertiary care neuropsychiatric centre. Regional Congress of the World Psychiatric Association, Kochi, India 25-27 September 2015
119. Gowda GS, **Kumar CN**, Math SB. Evaluation of perceived coercion among psychiatric inpatients: A hospital based prospective study. 12th World Congress of World Association of Psychosocial Rehabilitation, Seoul, South Korea, 2-5 November 2015
120. Umesh Kumar K, Ravi Yadav U, **Kumar CN**, Srinivas D, Bharath RD, Suresh BM. Spectrum of unknown patients presenting to Neurology emergency to a tertiary care neuropsychiatric tertiary care centre in south India. International Conference on Neurology and Epidemiology, 18-20 November 2015, Gold Coast, Australia
121. Gowda GS, Noorthoorn E, **Kumar CN**, Philip S, Nanjegowda RB, Lepping P, Math SB. Factors influencing the Advance directive among psychiatric inpatients from India: A prospective study. 9th European Congress on Violence in Clinical Psychiatry, 22-24 October 2015, Copenhagen – Denmark
122. Dharmappa AS, Sundar P, Tyagi V, Thirthalli J, **Kumar CN**, Shyamsundar A, Mehta UM. Barriers for Cognitive Remediation Therapy for Persons with schizophrenia. DECADE 2015 conference. 12 December 2015, Thirthahalli, India
123. Reddy KS, **Kumar CN**, Thirthalli J, Rawat VS, Manjunatha N, Reddy NK, Renukadevi NR, Suresha KK, Gangadhar BN. Barriers to access psychiatric treatment

among persons with schizophrenia in a rural south Indian taluk. DECADE Conference, 12 December 2015, Thirthahalli, India

124. James J W, Sivakumar T, Jagadhisha T, **Kumar CN**, Chetan B, Sathish S V, Nithin K, Dayanand, Santhosh S, Gopinath K N, Janardhana A L, Swaminathan G. Availability of psychotropic medication at primary health care: Preliminary findings from Jagaluru CBR. Poster presented at: Deliberations on Care Delivery (DECADE) for Mental illness in Rural Communities; 2015 Dec 12; Thirthahalli, India.
125. James J W, Sivakumar T, Jagadhisha T, **Kumar CN**, Chetan B, Sathish S V, Nithin K, Dayanand, Santhosh S, Gopinath K N, Janardhana A L, Swaminathan G. Cost of providing treatment for persons with psychiatric disorders: preliminary findings from Jagaluru CBR project. Poster presented at: Deliberations on Care Delivery (DECADE) for Mental illness in Rural Communities; 2015 Dec 12; Thirthahalli, India
126. Shiva L, Miriyala S, Sivakumar PT, Thirthalli J, **Kumar CN**. Safe administration of electroconvulsive therapy in a depressed patient who had underwent craniotomy. 1st symposium on non invasive brain stimulation. 20 September 2015, NIMHANS, Bangalore, India
127. Narasimha VL, Nathan D, Ravishankar V, **Kumar CN**, Thirthalli J, Sivakumar PT, Bharath S, Varghese M. Electroconvulsive therapy for elderly at NIMHANS: Retrospective chart review of seven years. 1st symposium on Non Invasive Brain stimulation. 20th September 2015, NIMHANS, Bangalore, India
128. Suhas G, Abhishekh HA, **Kumar CN**, Thirthalli J. Systematic Review and Meta-analysis of Indian community-based studies on metabolic syndrome in patients with schizophrenia. DECADE conference, 12 December 2015, Thirthahalli, India
129. Sunder P, Tyagi V, Dharmappa AS, **Kumar CN**, Keshav Kumar KJ, Thirthalli J, Mehta UM, Shyamsundar A, Gangadhar BN, Chaturvedi SK. Augmentation of Cognitive Remediation Training (CRT) with repetitive transcranial magnetic stimulation: impact on cognitive functions and symptoms in patients with schizophrenia. 1st symposium on noninvasive brain stimulation. 20 September 2015, NIMHANS, Bangalore, India
130. Gowda GS, Noorthorn E, **Kumar CN**, Raveesh BN, Lepping P, Math SB. Advanced directives among psychiatric inpatients from India, ANCIPS-2016, Bhopal, India
131. Gowda GS, **Kumar CN**, Raveesh BN, Math SB. Clinical correlates and predictors of coercion among psychiatric inpatients: a prospective study. Post graduate training program, 19 December 2015, NIMHANS, Bangalore, India
132. Gowda GS, **Kumar CN**, Math SB. Subjective coercive experience among psychiatric inpatients: a prospective study. 12th World Congress of WAPR, November 2015, Seoul, South Korea
133. **Kumar CN**, Narayana M, Moirangthem S, Neelaveni S, Math SB. *Telemedicine in the service of patients in prisons: experience from a tertiary care neuropsychiatric institute*. Annual conference of the Telemedicine Society of India, Nov 2015, Kolkata, India

134. **Kumar CN**. Assessments related to Insanity Defence. Symposium ANCIPS, Jan 2015, Hyderabad, India
135. **Kumar CN**. Ethical and Legal issue of ECT. Symposium on recent advances of ECT. ANCIPS, Jan 2015, Hyderabad, India
136. **Kumar CN**, Phutane VH, Thirthalli J, Jayaram N, Kesavan M, Mehta UM, Tyagi V, Gangadhar BN. Resolution of Cognitive Adverse Effects of Electroconvulsive Therapy in Persons with Schizophrenia: A Prospective study. Presented for the BPSS award, ANCIPS-2015, Hyderabad, India
137. **Kumar CN**, Phutane VH, Thirthalli J, Jayaram N, Kesavan M, Mehta UM, Tyagi V, Gangadhar BN. Resolution of Cognitive Adverse Effects of Electroconvulsive Therapy in Persons with Schizophrenia: A Prospective Study. Indian Psychiatric Society-South Zone conference, Bangalore, October 2014 (The paper was awarded SS Jayaram Award for the best paper of the Indian Psychiatric Society – South Zone Conference, Bangalore, 2014, India
138. Ithal D, Kannan K, Shyamsundar A, **Kumar CN**, Thirthalli J, Ramesh VJ, Gangadhar BN. Comparison of cognitive adverse effects and efficacy of two pulsewidths (0.5 ms and 1.5 ms) during brief pulse electroconvulsive therapy in schizophrenia patients: a randomized single blind controlled study. International Brain Stimulation Conference, Singapore, Mar 2015
139. Chidananda HA, Thirthalli J, Phutane VH, **Kumar CN**, Kesavan M, Gangadhar BN. *Duration of increased heart rate in early course of ECT predicts the clinical outcome at two weeks in patients with schizophrenia*. IPSOCON 2014, Bangalore, India
140. Jadhav T, Chidananda HA, Thirthalli J, Phutane VH, **Kumar CN**, Kesavan M, Gangadhar BN. Duration of increased heart rate in early course of ECT predicts the clinical outcome at two weeks in patients with schizophrenia. IPSOCON 2014, Bangalore, India
141. Rajendra KM, **Kumar CN**, Thirthalli J, Pandey RS. Repetitive Transcranial Magnetic Stimulation As Add On Treatment For Schizophrenia: A Randomized Double Blind Sham Controlled Study. 5th Asia Pacific regional conference on psychosocial rehabilitation held on 6th to 8th February 2015 at M S Ramaiah Medical College and Hospitals, Bangalore, India.
142. Bagewadi VI, Mehta UM, Shyamsundar A, **Kumar CN**, Thirthalli J. Exploring modulation of mirror neuron activity with a novel emotionally embedded motor task and its associations with social cognition in schizophrenia. 1st international brain stimulation conference, Singapore Convention and Exhibition Center, Singapore, 2-4 March 2015
143. Basavarajappa C, **Kumar CN** et al. Supported education for a client with mental illness at psychiatric rehabilitation services, NIMHANS: a case report. Paper presented at: 21st National Conference Indian Association for Social Psychiatry, Mysore, Karnataka, India 21-23 November 2014.

144. Basavarajappa C, **Kumar CN** et al. Patient Vs Person: Rehabilitation assessment and planning. Paper presented at: 21st National Conference Indian Association for Social Psychiatry, Mysore, Karnataka, India 21-23 November 2014.
145. Sivakumar T, Chethan B, Thirthalli J, Pathak A, Ahammed A, Sujai R, James JW, Reddy RP, Vijayan TV, **Kumar CN**, Gandhi S, Nirmala BP, Bhola P, Kumar D, Desai G, Chaturvedi SK. caregivers support and education programme workshops: NIMHANS experience. Paper presented at: 5th Asia Pacific Regional Conference on Psychosocial Rehabilitation, Bengaluru, India 6-8 February 2015.
146. Ahammed A, Pathak A, Chethan B, Sujai R, James JW, Reddy RP, Vijayan TV, Sivakumar T, **Kumar CN**, Gandhi S, Nirmala BP, Bhola P, Kumar D, Desai G, Thirthalli J, Chaturvedi SK. Rehabilitation in a Person with Borderline Intellectual Function: A Case Report. Poster presented at: 5th Asia Pacific Regional Conference on Psychosocial Rehabilitation, Bengaluru, India 6-8 February 2015. Mr Ashfak Ahammed won best poster award.
147. Pathak A, Ahammed A, Chethan B, Sujai R, James JW, Reddy RP, Vijayan TV, Sivakumar T, **Kumar CN**, Gandhi S, Nirmala BP, Bhola P, Kumar D, Desai G, Thirthalli J, Chaturvedi SK. Socio-demographic profile, psychosocial correlates of inpatient referrals to Psychiatric Rehabilitation services and service utilization at a tertiary Neuro psychiatric institute in India. Paper presented at: 5th Asia Pacific Regional Conference on Psychosocial Rehabilitation, Bengaluru, India 6-8 February 2015.
- 148.** Pathak A, Ahammed A, Chethan B, Sujai R, James JW, Reddy RP, Vijayan TV, Sivakumar T, **Kumar CN**, Gandhi S, Nirmala BP, Bhola P, Kumar D, Desai G, Thirthalli J, Chaturvedi SK. Awareness and utilization of disability benefits among persons attending daycare at Psychiatric Rehabilitation Services, NIMHANS, Bengaluru. Poster presented at: 5th Asia Pacific Regional Conference on Psychosocial Rehabilitation, Bengaluru, India 6-8 February 2015. Dr Abhishek Pathak **won best poster award.**
149. Chethan B, Thirthalli J, Pathak A, Ahammed A, Sujai R, James JW, Reddy RP, Vijayan TV, Sivakumar T, **Kumar CN**, Gandhi S, Nirmala BP, Bhola P, Kumar D, Desai G, Chaturvedi SK. Utility of Outpatient Services at Psychiatric Rehabilitation Services, NIMHANS, Bangalore. Poster presented at: 5th Asia Pacific Regional Conference on Psychosocial Rehabilitation, Bengaluru, India 6-8 February 2015.
150. Chethan B, Sivakumar T, Thirthalli J, Pathak A, Ahammed A, Sujai R, James JW, Reddy RP, Vijayan TV, **Kumar CN**, Gandhi S, Nirmala BP, Bhola P, Kumar D, Desai G, Chaturvedi SK. Quality of life, Enjoyment and Satisfaction among Clients attending Day Care at Psychiatric Rehabilitation Services, NIMHANS, Bangalore: A Pilot Study. Paper presented at: 5th Asia Pacific Regional Conference on Psychosocial Rehabilitation, Bengaluru, India 6-8 February 2015.
151. **Kumar CN.** Experience of treating severe mental disorders in the rural communities. 'Building a collaborative platform and professional training workshops for community mental Health in Developing Countries, Taipei, Taiwan, 28th October 2013-4th November 2014

152. **Kumar CN.** Alcohol use in patients with schizophrenia: comparison with that of general population. Building a collaborative platform and professional training workshops for community mental Health in Developing Countries, Taipei, Taiwan, 28th October 2013-4th November 2014
153. Gowda G, **Kumar CN**, Math SB. Patient Perceptions of Coercion in Mental Hospital Admission: An Exploratory Study. 2nd Indo-European Symposium on Coercion, Mysore Medical College and Research Institute, Mysore, 24-25 March, 2014
154. Suhas G, Adhikarla S, Basavaraju R, Meera P, **Kumar CN**, Thirthalli J, Suresha KK, Arunachala U, Jain S. Variation in six autosomal short tandem repeat markers and their inbreeding effects on schizophrenia patients of a rural south Indian community. 22nd Congress of Psychiatric Genetics, 2014, Copenhagen, Denmark, India
155. **Kumar CN.** Community Based Rehabilitation: The NIMHANS Experience. National Conference on Research and Services on Psychiatric Rehabilitation: Focus on Recovery, NIMHANS, March 2014
156. Suresh VC, Vanamoorthy U, Suresh Kumar K, Basavarajappa C, Ravishankar V, Waghmare A, **Kumar CN**, Sivakumar T. A Study of Factors Influencing the Functioning of Patients Attending Psychiatric Rehabilitation Services. National Conference on Research and Services on Psychiatric Rehabilitation: Focus on Recovery, NIMHANS, 8-9 March 2014, Bangalore
157. Vanamoorthy U, Suresh VC, Suresh Kumar K, Basavarajappa C, Ravishankar V, Waghmare A, **Kumar CN**, Sivakumar T. Internalized stigma among patients with severe mental illnesses. National Conference on Research and Services on Psychiatric Rehabilitation: Focus on Recovery, NIMHANS, 8-9 March 2014, Bangalore
158. Suresh Kumar K, Basavarajappa C, Suresh VC, Vanamoorthy U, Ravishankar V, Waghmare A, **Kumar CN**, Sivakumar T. Comparison of Disability assessed on different versions of 12 items WHODAS 2.0 in psychiatric patients. National Conference on Research and Services on Psychiatric Rehabilitation: Focus on Recovery, NIMHANS, 8-9 March 2014, Bangalore
159. Basavarajappa C, Suresh Kumar K, **Kumar CN**, Ravishankar V, Vanamoorthy U, Waghmare A, Sivakumar T, Mehta U, Thirthalli J. Comparison of IDEAS and WHODAS 12-item scale cutoffs in persons with psychiatric disorders referred to psychiatric rehabilitation services of NIMHANS. National Conference on Research and Services on Psychiatric Rehabilitation: Focus on Recovery, NIMHANS, 8-9 March 2014, Bangalore
160. Sherine L, Waghmare A, **Kumar CN**, Thirthalli J, Sivakumar T. Rehabilitation needs of chronic female inpatients attending day-care in psychiatric rehabilitation services at NIMHANS. National Conference on Research and Services on Psychiatric Rehabilitation: Focus on Recovery, NIMHANS, 8-9 March 2014, Bangalore
161. Reddy KS, Thirthalli J, **Kumar CN**, Reddy NK, Rawat VS, Renukadevi NR, Suresha KK, Ramakrishna J, Gangadhar BN. Schedule of factors influencing treatment adherence in persons with schizophrenia in a rural community of south India. National

Conference on Research and Services on Psychiatric Rehabilitation: Focus on Recovery, NIMHANS, 8-9 March 2014, Bangalore

162. Umesh Kumar, Waghmare A, **Kumar CN**, Thirthalli J, Sivakumar T. A Study of Factors associated with drop outs from Day-care center. National Conference on Research and Services on Psychiatric Rehabilitation: Focus on Recovery, NIMHANS, 8-9 March 2014, Bangalore
163. Suresha KK, **Kumar CN**, Thirthalli J, Mehta UM, Gangadhar BN. Medication Adherence and Real-World Functioning in Patients with Schizophrenia in a Rural South Indian Setting. National Conference of the Indian Society of Professional Social Workers, Bijapur, India, 2014
164. Mishra S, **Kumar CN**, Pandey RS. Predictive value of fluoxetine induced early antidepressant improvement to late antidepressant improvement in depression, ANCIPS, Jan 2014
165. Nathan D, Narasimha VL, Ravishankar V, **Kumar CN**, Thirthalli J, Sivakumar PT, Bharath S, Mathew V, Gangadhar BN. Electroconvulsive Therapy in the Elderly-A: Five Year Retrospective Chart Review. ECT symposium, NIMHANS, Bangalore, December 2013
166. Thirthalli J, Abhishek HA, **Kumar CN**, Gangadhar BN. Novel method of altering stimulus parameters to induce seizures during electroconvulsive therapy, ECT symposium, NIMHANS, December 2013
167. Suresh VC, Danivas V, **Kumar CN**, Phutane VH, Thirthalli J, Muralidharan K, Gangadhar BN. Motor-seizure severity among patients with schizophrenia receiving electroconvulsive therapy: comparison between bi-frontal and bi-temporal electrode placements. ECT symposium, NIMHANS, December 2013
168. Virupakshappa IB, Thirthalli J, Girish N Rao, **Kumar CN**, Suresh KK, Gangadhar BN. Standardized Mortality Ratio in patients with Schizophrenia – Findings from Thirthahalli, a rural south Indian community. IPSOCON, Kottayam, October 2013
169. Virupakshappa IB, Thirthalli J, Girish N Rao, **Kumar CN**, Suresh KK, Gangadhar BN. Standardized Mortality Ratio in patients with Schizophrenia – Findings from Thirthahalli, a rural south Indian community. ANCIPS, Pune, January 2014
170. Chethan B, Waghmare A, Thirthalli J, Sivakumar T, **Kumar CN**, Gandhi S, Nirmala BP, Bhola P, Kumar D, Desai G, Thirthalli J, Chaturvedi SK. Supported education for a client with mental illness at psychiatric rehabilitation services, NIMHANS: a case report. Paper presented at: 21st National Conference Indian Association for Social Psychiatry, Mysore, Karnataka, India 21-23 November 2014.
171. **Kumar CN**. Caregiver burden in chronic neuropsychiatric illnesses. CME on Neuropsychiatry, Sridevi Medical College, Tumkur, October 2014. Bagewadi V, **Kumar CN**, Suresha KK, Rao NG, Thirthalli J, Gangadhar BN. Standard Mortality Ratio in patients with schizophrenia: findings from Thirthahalli, a rural south Indian Community. Dr SS Jayaram award, IPSOCON, Kumarakom, Kerala, India, October 2013

172. **Kumar CN.** Experience of treating severe mental disorders in rural communities of India. Taipei, Oct 2013
173. **Kumar CN.** Alcohol use in patients with schizophrenia: comparison with that of general population, Taipei, Oct 2013
174. **Kumar CN.** Mental and Substance Use Disorders in Correctional Settings: Findings from the Bangalore Prison study. At the National Seminar titled 'Place of imprisonment in Criminal Justice system. National Law School of India University, Bangalore, India, January 2013
175. Suresha KK, **Kumar CN**, Thirthalli J, Arunachala U, Gangadhar BN. Alcohol use among schizophrenia patients in a rural south Indian community. Paper presented at the national conference of professional social workers, Manipal, India, 2013
176. Pandey RS, Sajeev Kumar PB, Jagadisha T, Sivakumar PT, **Kumar CN.** A comparative Study of Short-Term Efficacy of Aripiprazole and Risperidone in Schizophrenia. Presented at the Annual national conference of the Indian Psychiatric Society, Bangalore, India, 2013
177. Mehta UM, Shilpa VS, Sivakumar PT, **Kumar CN**, Pandey RS. Digeorge Syndrome: Presentation as Schizophrenia and Clinical Implications. Poster presentation at the 5th International conference on schizophrenia, Chennai, India, January 2013
178. Reddy KS, Thirthalli J, **Kumar CN**, Reddy NK, Rawat VS, Renukadevi NR, Suresh KK, Bijjal S, Ramakrishna J, Gangadhar BN: Why Do Persons With Schizophrenia Not Accessing Psychiatric Treatment: A Descriptive Study From Turuvekere, A Rural Community, International Conference on Changing faces of Social Work Profession in the New Millennium. Dept of Social Work, Karnataka University, Feb: 21-23, 2013, Dharwad.
179. Reddy KS, Thirthalli J, **Kumar CN**, Reddy NK , Rawat VS, Renukadevi NR, Suresh KK, Bijjal S, Ramakrishna J, Gangadhar BN. Factors Affecting Access to Psychiatric Care: Results From a Study of Never Treated Schizophrenia Patients in a Rural Setting. Paper presented at the national conference of professional social workers, Manipal, India, 2013
180. **Kumar CN** et al. Four-years Follow-up of Schizophrenia In a Rural Community: Good Outcome and Public Health Implications; Paper presented at the WPA regional conference, Kuta, Bali, Indonesia, September 2012
181. **Kumar CN.** A draft protocol presentation titled 'Disability and Rehabilitation Needs of Patients with Severe Mental Disorders: A study in a Province'; as part of the Course on Leadership and Professional Skills Development for Young Psychiatrists, Kuta, Bali, September 2012
182. Suresha KK, **Kumar CN**, Thirthalli J, Arunachala U, Arunachala S, Gangadhar BN. Disability and its correlates in schizophrenia after six years of follow-up: A study from Thirthahalli, a South Indian Taluk. Poster presented at the symposium titled 'Recovery from mental illness: towards life beyond symptom relief', NIMHANS, Bangalore, 2012

183. Reddy KS, Thirthalli J, **Kumar CN**, Reddy NK, Renukadevi NR, Rawat VS , Suresh KK, Bijjal S, Ramakrishna J, Gangadhar BN. Why do Persons with Schizophrenia Discontinue Psychiatric Treatment? A Qualitative Study from Turuvekere: A Rural Community. Poster presented at the symposium titled ‘Recovery from mental illness: towards life beyond symptom relief’, NIMHANS, Bangalore, 2012
184. Arjun BL, Sudhakar SK, Abhishekh HA, **Kumar CN**, Mehta R. Depression in Sarcoidosis Patients of a Tertiary Care General Hospital. Poster presented in 165th American Psychiatry Association Conference held at Philadelphia on May 7th 2012
185. Reddy KS, Thirthalli J, **Kumar CN**, Reddy NK, Renukadevi NR, Suresh KK, Rawat VS, Bijjal S, Ramakrishna J, Gangadhar BN. Schedule to Assess Factors Influencing Access to Psychiatric Care in Patients with Schizophrenia (SOFIAc) : Face and Content Validity. Poster presentation at the 5th International conference on schizophrenia, Chennai, India, September 2012
186. Reddy KS, Thirthalli J, **Kumar CN**, Rawat VS, Reddy NK, Renuka Devi NR, Ramakrishna J, Gangadhar BN. Validity and Pilot Testing of the Schedule of Factors Influencing Access to Psychiatric Care in Patients with Schizophrenia in a Rural Community (SOFIAc). Paper presented at the National Conference of Professional Social Workers, NIMHANS, Bangalore, 2012
187. Suresh KK, **Kumar CN**, Thirthalli J, Kishore Kumar KV, Arunachala U, Gangadhar BN. Factors Associated with Caregiver Burden in Schizophrenia Patients: Study from a Rural Setting. Poster presentation at the 5th International conference on schizophrenia, Chennai, India, September 2012
188. Mehta UM, Bhagyavathi HD, **Kumar CN**, Rakshathi B, Thirthalli J. Cognitive deconstruction of parenting in schizophrenia: the role of theory of mind. Poster presentation at the 5th International conference on schizophrenia, Chennai, India, September 2012
189. **Kumar CN**, Murthy P, Andrade C. Which Benzodiazepine to use in Alcohol Withdrawal? ANCIPS, 2012, Kochi
190. Mehta UM, Thirthalli J, **Kumar CN**, Keshav KJ, Keshavan MS, Gangadhar BN: Young Investigator Travel Award for “Social Cognition and Neurocognition Correlates of Empathy in Remitted Schizophrenia Patients in an Indian Setting” at the 2nd Asian Congress on Schizophrenia Research. Seoul, 2011
191. Arunachal S, **Kumar CN**, Thirthalli J, Suresha KK, Arunachala U, Gangadhar BN. Areca nut Use Among Rural South Indian Schizophrenia Patients: A Comparative Study. Won the best poster award at IPSOCON 2011, Vishakapatnam, India
192. Mehta UM, Bhagyavathi HD, Thirthalli J, **Kumar CN**, Subbakrishna DK, Keshav KJ, Keshavan MS, Gangadhar BN: Evidence For Social and Neuro Cognition as Distinct Cognitive Factors in Schizophrenia. Paper to be presented at the Wellcome Trust School on Biology of Social Cognition, 2011, Hinxton, Cambridge, UK

193. Mehta UM, Bhagyavathi HD, Thirthalli J, **Kumar CN**, Keshav KJ, Keshavan MS, Gangadhar BN. Functional Disability is predicted by Degree of Motivation and Theory of Mind in Remitted Schizophrenia Patients. Paper presented in the 13th International Congress on Schizophrenia Research (ICOSR) at Colorado Springs, USA on April 5th 2011
194. Mehta UM, Bhagyavathi HD, Thirthalli J, **Kumar CN**, Subbakrishna DK, Keshav KJ, Keshavan MS, Gangadhar BN: Factor Structure of Social Cognition in Remitted Schizophrenia. Paper presented at the 10th World Congress of Biological Psychiatry at Prague, Czech Republic on May 31st 2011
195. Mehta UM, Thirthalli J, **Kumar CN**, Keshav KJ, KeshavanMS,Gangadhar BN: Young Investigator Travel Award for “Social Cognition and Neurocognition Correlates of Empathy in Remitted Schizophrenia Patients in an Indian Setting” at the The 2nd Asian Congress on Schizophrenia Research. Seoul, 2011
196. Mehta UM, Bhagyavathi HD, Thirthalli J, **Kumar CN**, Keshav KJ, Keshavan MS, Gangadhar BN: "Functional Disability is Predicted by Degree of Motivation and Theory of Mind in Remitted Schizophrenia Patients" at the 13th International Congress on Schizophrenia Research (ICOSR). Colorado Springs, 2011.
- 197. Kumar CN**, Thirthalli J, Suresha KK, Venkatesh BK, Arunachala U, Kishore Kumar KV, Subbakrishna DK, Gangadhar BN. Short-term course and outcome of schizophrenia patients in a rural south Indian community. **Was selected for presentation to the ‘Marfatia Award’ at the annual national conference of the Indian Psychiatric Society, New Delhi, India, 2011**
198. Suresha KK, **Kumar CN**, Thirthalli J, Venkatesh BK, Arunachala U, Kishore Kumar KV, Subbakrishna DK, Gangadhar BN. Work functioning of schizophrenia patients in a rural south Indian community: Status at 4 years follow-up. Paper presented at the National Seminar on Social Inclusion and Social work for Social Development, Nellore, March 2011
199. Mehta UM, Thirthalli J, **Kumar CN**, Keshav KJ, KeshavanMS,Gangadhar BN: Young Researcher Award for the Best Paper - "A Comparative Study of Social Cognition in Remitted Schizophrenia Patients and Healthy Controls", in The Fourth International Conference on Schizophrenia. Chennai, 2010
200. Mehta UM, Thirthalli J, **Kumar CN**, Keshav KJ, Keshavan MS, Gangadhar BN: **Young Researcher Award for the Best Paper - "A Comparative Study of Social Cognition in Remitted Schizophrenia Patients and Healthy Controls"**, in the Fourth International Conference on Schizophrenia. Chennai, 2010
201. **Kumar CN**, Thirthalli J, Subbakrishna DK, Varghese M, Cottler LB, Gangadhar BN. Prospective study of duration of untreated psychosis and outcome of never treated schizophrenia patients in India. Presented at the 4th International conference on schizophrenia (ICONS), Chennai, 2010
202. Mehta UM, Thirtahalli J, **Kumar CN**, Keshav KJ, Gangadhar BN, Keshavan MS: A Comparative Study of Social Cognition in Remitted Schizophrenia Patients and

Healthy Controls, in A Joint Conference by the National Institute of Mental Health and Neurosciences and the Royal College of Psychiatrists. Bangalore, 2010

203. Mehta UM, Keshavan MS, **Kumar CN**, Thirthahalli J, Gangadhar BN: Association of Insight with Functional Status in Remitted Schizophrenia Patients, in A Joint Conference by the National Institute of Mental Health and Neurosciences and the Royal College of Psychiatrists. Bangalore, 2010
204. Bhagyavathi HD, Mehta UM, Keshav KJ, Thirthahalli J, **Kumar CN**, Gangadhar BN: Do Cognitive Abilities Predict Functional Outcome in Remitted Schizophrenia Patients? In 62nd Annual National Conference of Indian Psychiatric Society Jaipur, 2010
205. **Kumar CN**, Thirthahalli J, Subbakrishna DK, Varghese M, Cottler LB, Gangadhar BN. Prospective study of duration of untreated psychosis and outcome of never treated schizophrenia patients in India. Presented at the 4th International conference on schizophrenia (ICONS), Chennai, 2010
206. Yadav M, **Kumar CN**, Thirthahalli J, Varghese M, Cottler LB, Gangadhar BN. Certifiable disability among first episode schizophrenia: The role of adherence to antipsychotic treatment. Presented at the 4th International conference on schizophrenia (ICONS), Chennai, 2010
207. Mehta UM, Thirthahalli J, **Kumar CN**, Rao K, Gangadhar BN. Validation of Social Cognition Tests for Schizophrenia Patients in Indian Setting. Poster presented at the International Congress on Schizophrenia Research, San Diego, California, USA, March 2009, San Diego
208. Suresh KK, Thirthahalli J, **Kumar CN**, Kishore Kumar KV, Arunachala U, Gangadhar BN. Factors Associated with Caregiver Burden in Schizophrenia Patients: Study from a Rural Setting. Paper presented at the Annual National Conference of the Indian society for psychiatric social workers at Bheemavaram, India, February 2009, Bheemavaram, India
209. Thirthahalli J, Suresh KK, **Kumar CN**, Venkatesh BK, Kishore Kumar KV, Gangadhar BN. 'Reasons for schizophrenia patients remaining out of treatment: Results from a prospective study in a rural south Indian community'. Presented at the 10th World congress of the World Association for Psychosocial Rehabilitation, Bangalore, India, November 2009, Bangalore
210. Thirthahalli J, **Kumar CN**, Varghese M, Gangadhar BN, Cottler LB. 'Duration of untreated psychosis and social outcome in patients with first episode schizophrenia'. Presented at the 10th World congress of the World Association for Psychosocial Rehabilitation, Bangalore, India, November 2009, Bangalore
211. Yadav M, Thirthahalli J, **Kumar CN**, Varghese M, Cottler LB, Gangadhar BN. 'Reasons for non-adherence to antipsychotic medications in first episode schizophrenia in India: Results from a prospective study'. Presented at the 10th World congress of the World Association for Psychosocial Rehabilitation, Bangalore, India, November 2009, Bangalore

212. Mehta UM, Mahesh M, Thirthalli J, Parashar A, **Kumar CN**, Subbakrishna DK, Rao K, Gangadhar BN, Keshavan MS. 'Validation of Indian version of the social cue recognition test: Implications to psychiatric rehabilitation'. Poster presented at the 10th World congress of the World Association for Psychosocial Rehabilitation, Bangalore, India, November 2009, Bangalore
213. Kamat P, **Kumar CN**, Shatrunjayan K, Prashanth NR, Kasthuri P, Chandrashekar H. 'Utilization pattern of a state sponsored psychiatric ambulance service in Bengaluru-A descriptive study'. Poster presented at the 10th World congress of the World Association for Psychosocial Rehabilitation, Bangalore, India, November 2009, Bangalore
214. Rathinavel I, Prashanth NR, Kasthuri P, **Kumar CN**, Chandrashekar H. 'Why do mentally ill patients seek religious places for treatment'? Poster presented at the 10th World congress of the World Association for Psychosocial Rehabilitation, Bangalore, India, November 2009, Bangalore
215. Thirthalli J, Phutane VH, Muralidharan K, **Kumar CN**, Bharat M, Baspure P, Gangadhar BN. Does Catatonic Schizophrenia Improve Faster With Electroconvulsive Therapy Than Other Subtypes of Schizophrenia? Poster presented at the International Congress on Schizophrenia Research, San Diego, California, USA, March 2009, San Diego
216. Jigna VR, Puja VR, **Kumar CN**, Mubeen K, Chandrashekar H. Psychological Factors of Areca-nut Use in Patients with Oral Sub-mucous Fibrosis. Poster presented at the Karnataka Annual National Conference of the Indian Psychiatric Society at Bangalore, India, September 2009, Bangalore
217. Shashidhara B, Virupaksha HS, **Kumar CN**, Thirthalli J, Gangadhar BN. Comparison between Bipolar Patients Receiving ECT on and not on Antiepileptic Drugs. Poster presented at the Annual National Conference of the Indian Psychiatric Society at Agra, India, January 2009, Agra
218. Dhingra M, Murthy P, **Kumar CN**, Rajani P, Madhusudhan S, Math SB. Awareness Regarding Mental Health and Related Laws Among Judges. Poster presented at the Annual National Conference of the Indian Psychiatric Society at Agra, India, January 2009, Agra
219. Pandey RS, Raghu K, Christopher R, **Kumar CN**. Cerebrospinal Fluid glutamate level in schizophrenia and schizophreniform psychosis. Poster presented at the Annual National Conference of the Indian Psychiatric Society at Agra, India, January 2009, Agra
- 220. Shashidhara B, Virupaksha HS, Kumar CN, Thirthalli J, Gangadhar BN. Comparison of ECT with or without Anti-Epileptic Drugs in Bipolar Disorder. Paper presented (competed for the Dr HS Subramanian Best PG award paper) at the Karnataka Annual National Conference of the Indian Psychiatric Society at Bangalore, India, September 2009, Bangalore**
221. Ravi PB, Shriharsha KJ, Vinod A, **Kumar CN**, Thirthalli J, Gangadhar BN. Does suprathreshold ECT work faster in schizophrenia than threshold ECT? Poster presented

at the 3rd International Conference on schizophrenia at Chennai, India, October 2008, Chennai

222. **Kumar CN**, Thirthalli J, Venkatesh BK, Venkatasubramanian G, Kishore Kumar KV, Arunachala U, Subbakrishna DK and Gangadhar BN (2008). Screening for metabolic syndrome among schizophrenia patients: Results from a rural community setting. **Selected for presentation for the award for research by young mental health professionals at the 3rd International Conference of Schizophrenia (ICONS) at Chennai October 17-19, 2008**
223. Phutane VH, Thirthalli J, Muralidharan K, **Kumar CN**, Baspure P, Gangadhar BN (2008). Bifrontal ECT is superior to bitemporal ECT in schizophrenia: results from a randomized double-blind controlled study. Selected for presentation for the award for research by young mental health professionals at the 3rd International Conference of Schizophrenia (ICONS) at Chennai October 17-19, 2008
224. Phutane VH, **Kumar CN**, Muralidharan K, Thirthalli J, Gangadhar BN. Why do psychiatrists prescribe ECT to schizophrenia patients? The Indian Scene. Poster presented at the 3rd International Conference on schizophrenia at Chennai, India, October 2008, Chennai
225. **Kumar CN**, Gupte PL, Om Prakash J, Sivakumar PT, SrikalaBharath, Joy Vijayan, Zutshi A, L Santosh, Mathew Varghese. Profile of Patients Attending a Geriatric Clinic in South India. Poster presented at the XIV National Conference of the Alzheimer's & Related Disorders Society of India (ARDSI 08): Dementia Care & Research - A Roadmap for India at Bangalore, India, September 2008, Bangalore
226. Phutane VH, **Kumar CN**, Thirthalli J, Sinha S, Mahato SK. One of the authors for the poster 'Partial Seizures with Secondary Generalization while on Clozapine and Sertraline: A Report' presented at the Annual National Conference of the Indian Psychiatric Society at Kolkota, India, January 2008, Kolkota
227. **Kumar CN**, Janardhanan CN, Suresh Kumar R, PT Sivakumar, Srikala Bharath, Om Prakash J, Joy Vijayan, Mathew Varghese. Evaluation for treatable causes of dementia in a Geriatric clinic. Poster presented at the XIII National Conference of the Alzheimer's & Related Disorders Society of India (ARDSI 07): Frontiers of dementia care and research at Chennai, India, September 2007, Chennai
228. Sivakumar PT, Suresh Kumar R, Janardhanan CN, **Kumar CN**, Srikala Bharat, Om Prakash J, Joy Vijayan, Mathew Varghese. Follow up attendance of patients with dementia in a Geriatric clinic. Poster presented at the XIII National Conference of the Alzheimer's & Related Disorders Society of India (ARDSI 07): Frontiers of dementia care and research at Chennai, India, September 2007, Chennai
229. Rao NP, **Kumar CN**, Bhargavaraman RP, Siva Kumar PT, Pandey RS. Psychiatric symptoms with Vitamin-B12 deficiency. Poster presented at the Annual National Conference of the Indian Psychiatric Society at Chennai, India, January 2007, Chennai
230. **Kumar CN**. Differences in the Behavioral and Psychological symptoms in different types of Dementias. Paper presented at the 2nd Annual Meet of the Indian Association of Geriatric Mental Health (IAGMH) at Chennai, India, December 2006, Chennai

231. **Kumar CN**. Epidemiological studies on substance abuse done by NIMHANS. Poster Presented in the conference on Substance use held at NIMHANS, Bangalore, India, December 2004, Bangalore

d) Articles published in newsletter / bulletin (Title, Author & Co-authors, Journal, Volume, Year of publication and Page Numbers)

1. Miryala S, **Kumar CN**. ABC of antidepressants. Loudspeaker magazine, 2015

e) Books / Chapters (Title of Book/ Chapter, Author & Co-authors, Volume, Year of publication and Page Numbers)

1. Handbook on Suicide Prevention. A Practical Guide for Primary Healthcare Workers Reddi VSK, Muliya KP, Manjunatha N, Kumar CN, Math SB, Gangadhar BN. Bengaluru: NIMHANS, 2020
2. Telepsychiatry Operational Guidelines. Math SB, Manjunatha N, **Kumar CN**, Chethan Basvarajappa, Gangadhar B N. Indian Psychiatric Society & Telemedicine society of India, in collaboration with NIMHANS Bangalore. May 2020.
3. Child and Adolescent Mental Health: A Manual for Medical officers. Kiragasur RM, Kommu JV, **Kumar CN**, Shetty VB, Parthasarathy R, Math SB. National Institute of Mental Health and Neurosciences. Bengaluru: NIMHANS Publication no. 176; 2020 (ISBN: 978-81-945815- 8-1)
4. Community Psychiatry during Pandemic. A Ready Reckoner for postgraduate to ace community psychiatry. Dinakaran D, Manjunatha N, Moirangthem S, **Kumar CN**, Math SB. NIMHANS publication no 182; 2020 (ISBN: 978-8-948111-4-5)
5. NIMHANS-Telenursing Practice Guidelines-2020. Vijayalakshmi Poreddi, Kathyayani BV, Nirmala M Hatti, Reddemma K, Narayana Manjunatha, **Kumar CN**, Suresh Bada Math (2020). NIMHANS, Bengaluru-560 029
6. Karnataka Telemedicine Mentoring and Monitoring Program: an implementation manual of primary care psychiatry. Manjunatha N, Kumar CN, Math SB, Basavaraju V, Shashidhara HN, Parthasarathy R, Thirthalli J, Binukumar B. Bengaluru, NIMHANS. NIMHANS publication no. 157, 2019 (ISBN: 979-81-86506-00-4)
7. Guidelines on managing mental illnesses in hospital settings. Murugesan M, Patley R, Kalaivannan RC, Basavaraju V, Manjunatha N, Kumar CN, Math SB, Murthy P, Gangadhar BN. Available at: <https://www.mohfw.gov.in/pdf/GuidelinesforDeliveryofMentalHealthcareServicesduringtheCOVID19.pdf>

8. Quality of life in chronic mental illnesses: exploring new frontiers. Gopal A, **Kumar CN**. Quality of life & Mental health Services in India: Bridging the gap. In, Ed: Pathak A, Krishnaaprasad M, Thirthalli J, Chaturvedi SK. NIMHANS publication, 2016, Bangalore, India
9. Out-patient rehabilitation services for patients with psychiatric disorders. **Kumar CN**, Thirthalli J. In, Ed: Chethan B, Ahmed A, Thirthalli J. Nuts and Bolts of starting a psychiatric rehabilitation center. NIMHANS publication, 2015, Bangalore, India
10. Minds Imprisoned: Mental Health Care in Prisons. Bangalore:Math SB, Murthy P, Parthasarathy R, **Kumar CN**, Madhusudhan S. National Institute of Mental Health Neuro Sciences, 2010
11. Mental Health and Substance Use Problems in Prisons. The Bangalore Prison Mental Health Study: Local Lessons for National Action. Math SB, Murthy P, Parthasarathy R, **Kumar CN**, Madhusudhan S 2011. NIMHANS Publications, Bangalore
12. District Mental Health Program during COVID 19 pandemic. Practical tips in telepsychiatry video consultations. COVID-19 pandemic. Update-February 2021. Guidance for general medical and specialised mental health care settings. Patley R, **Kumar CN**, Manjunatha N, Math SB. NIMHANS, Bengaluru, India
13. Practical tips in telepsychiatry video consultations. COVID-19 pandemic. Nirisha LP, Manjunatha N, **Kumar CN**, Math SB. Update-February 2021. Guidance for general medical and specialised mental health care settings, NIMHANS, Bengaluru, India
14. Stress and Physical Disorders. In: Stress and Struggles. The comprehensive book of stress, mental health and mental illness. Malathesh BC, Nagaraj AKM, Ravishankar V, Kodancha P, **Kumar CN**. 2021, Ed: Somashekhar BS, Manjunatha N, Chaturvedi SK. Indo-UK Stress and Mental Health Group, Coventary, UK; Bengaluru, India
15. Contributor to the 'Operational Guidelines: Mental, Neurological and Substance Use Disorders (MNS) care at Health and Wellness Centres, a part of Comprehensive Primary Healthcare,
16. Quality of Life in Patients with Sleep Disorders. Pahuja E, Manjunatha N, **Kumar CN** National Institute of Mental Health and Neurosciences 2019;1-15
17. Course and Outcome of Severe Mental Illness. Kulkarni AV, **Kumar CN**. In: Community Psychiatry Seminar Series. A Ready Reckoner for postgraduate to ace community psychiatry. NIMHANS publication; 2019
18. Ethical and legal issues in ECT. A beginners' handbook on ECT. **Kumar CN**. NIMHANS Publications, Bangalore, India, 2015
19. Community Psychiatry. Math SB, **Kumar CN**, Chandrashekar CR. In: Textbook of Post graduate Psychiatry, 3rd edition; Eds: Ahuja and Vyas

20. Disaster Mental Health and Public Health. In: An Integrative Approach to Recovery Math SB, **Kumar CN**, Nirmala MC, Cherian AV. 6.2 Post-traumatic stress disorder, 266
21. Understanding disability. **Kumar CN**. In: Handbook of Psychiatric rehabilitation. Ed: Nirmala BP, Chaturvedi SK. NIMHANS publication, 2013

f) Reports/ Popular articles, other types of publications, if any (Title, Author & Co-authors, Publisher, Year)

1. Basavaraju V, **Kumar CN**, Manjunatha N, Parthasarathy R, Chandrashekar H, Report on 'Care at Doorsteps for persons with severe mental disorders in rural and urban areas: feasibility and pilot testing. Math SB. This report was submitted to the Govt. of Karnataka, 2020
2. Report on the 'Sensitization on Mental Health Leadership for Maharashtra under National Mental Health Program. Kalaivannan RC, Sadh K, Patley R, Basavaraju V, Shashidhara HN, Manjunatha N, **Kumar CN**, Math SB. The report was submitted to Govt. of Maharashtra, 2019
3. Murthy P, **Kumar CN**, Chandra PS, Bharath S, Math SB, Bhola P, Gandhi S, Vrinda MN, Jaisoorya TS, Dahale A, Vishwakarma H, Naaz F, Venkatalakshmi C. Addressing concerns of women admitted to mental hospital in India: an in-depth analysis, National Institute of Mental Health and Neurosciences, Bangalore and National Commission for Women, New Delhi, 2016.
4. Mental Health Care in India-Old Aspirations, Renewed Hope. Report of the Technical Committee on Mental Health Constituted by the National Human Rights Commission to evaluate mental health services in India. Vol-1: National scenario. Murthy P Kumar S, Desai N, Teja BK, Gupta SK, Kumar P, Sisodia A, **Kumar CN**, Math SB. Soundarya S, Prem. National Human Rights Commission, New Delhi, India, 2016
5. Psycho-social issues of survivors of Uttarkhand Flashflood Disaster in 2013 Math SB, **Kumar CN** et al. Report submitted to National Institute of Mental Health & Neurosciences, Bangalore. This report was edited and submitted to Department of Health and Family welfare, New Delhi
6. Mental Health Care in India-Old Aspirations, Renewed Hope. Report of the Technical Committee on Mental Health Constituted by the National Human Rights Commission to evaluate mental health services in India. Vol-2: State level reports on the status of mental health. Murthy P Kumar S, Desai N, Teja BK, Gupta SK, Kumar P, Sisodia A, **Kumar CN**, Math SB. Soundarya S, Prem. National Human Rights Commission, New Delhi, India, 2016

7.0 Patents (Please indicate details: Title, Patent Number, Year & Country)

NONE

8.0 Number of Students Guided as full-time guide:

Degree	Completed	Ongoing	Year of completion	Remarks
Post-Doctoral	1	1	August 2022	On Community Psychiatry
Ph.D	1	0	June 2021	On Psychiatric Rehabilitation
M.Phil.	2	0	June 2018	On Psychiatric Rehabilitation and Community Psychiatry
PG (others mention) MD in Psychiatry	5	4	One will get completed in June 2022 The other three will get completed in June 2023	On community psychiatry, telepsychiatry and forensic psychiatry

THESES GUIDESHIP						
Sl No	Student	Topic	Course	Role	University	Years
1	Harshitha HA	Five years course and outcome of patients admitted in Sakalawara Residential Care Services	Post-doctoral Fellow (PDF) in Community Psychiatry	Guide	NIMHANS	2021-22
2	Ganer Riya Kishor	Development and pilot testing of a yoga psychology based mental health promotion intervention program for community adults	PhD in Clinical Psychology	Co-Guide	NIMHANS	2021-26
3	Megha CN	Development and Validation of a District Mental Health System Assessment tool	MD in Psychiatry	Guide	NIMHANS	2022-25
4	Nivedita Das	An evaluation of unmet need of psychiatric residents in telepsychiatry: A nationwide survey	MD in Psychiatry	Co-guide	NIMHANS	2022-25
5	Tabassum Rahman	Collaborative video consultations for primary care management of substance use disorders an exploratory study	MD in Psychiatry	Guide	NIMHANS	2021-24
6	Arun Ravi	Tele-psychiatry in India: a scoping review	MD in Psychiatry	Co-guide	NIMHANS	2021-24
7	Kiran Kumar Biradar	Course & Outcome of Schizophrenia: Retrospective case file review of 16 years data (2005-2021) in	MD in Psychiatry	Guide	NIMHANS	2021-24

		rural south Indian settings				
8	Sourabh Joshi	Prevalence of psychiatric disorders in Indian Primary Healthcare Set up: A systematic review and meta-analysis	MD in Psychiatry	Co-guide	NIMHANS	2021-24
9	Navaneeth	Violence against family members in patients with schizophrenia: a cross-sectional comparative study	MD in Psychiatry	Co-guide	NIMHANS	2021-24
10	Gokila Rani	Validity (accuracy) of Mental Status Examination through Telepsychiatry compared to in-person clinical examination	MD in Psychiatry	Guide	NIMHANS	2020-23
11	Vishu Kumar	Medico-legal issues faced by outpatients presenting to Geriatric Psychiatry OPD	PDF in Forensic Psychiatry	Co-guide	NIMHANS	2019-20
12	Rahul Patley	Perspectives from Trainees and Trainers on capacity building for mental health: Comparison of two methods (Tele On Consultation Vs Class Room Training)	PDF in Community Psychiatry	Co-guide	NIMHANS	2019-20
13	Kamaldeep Sadh	MD Psychiatry residents' posting to District Mental Health Program, Ramanagaram: a Qualitative Study	PDF in Community Psychiatry	Guide	NIMHANS	2018-19

14	Bijal Sangoi	Supported Admissions under Mental Healthcare Act, 2017 in a National Institute: an audit	PDF in Forensic Psychiatry	Co-guide	NIMHANS	2018-19
15	Abhilash Balakrishnan	Cross – Cultural Adaptation of the MacArthur Competence Assessment Tool for Treatment in Adult Psychiatry in India	PDF in Forensic Psychiatry	Co-guide	NIMHANS	2018-19
16	Karishma Kulkarni	Concurrent Validity and Interrater Reliability of the “Clinical Schedules for Primary Care Psychiatry”	PDF in Community Psychiatry	Co-guide	NIMHANS	2017-18
17	Malathesh.B.C	Legal issues faced by persons with Substance Use Disorders	PDF in Forensic Psychiatry	Co-guide	NIMHANS	2017-18
18	Chandana Atheev Sudhir	Comparison reliability of Tele Psychiatry based on video interviews with face to face consultation in examination of extra pyramidal symptoms	MD in Psychiatry	Co-guide	NIMHANS	2019-2022
19	Minakshi Sahu	Study of stress full life event in common mental disorders	MD in Psychiatry	Co-guide	NIMHANS	2019-2022
20	Ravindra Nawani	An impact of Primary care psychiatry program on	MD in Psychiatry	Co-guide	NIMHANS	2018-2021

		DMHP Uttarakhand				
21	Dr Ranita Akthopam	Patient satisfaction, Medication adherence and Disability outcomes among patients attending DMHP Thoubal	PhD Thesis	Co-guide	Regional Institute of Medical Sciences Imphal, Manipur (INI under MOHFW, Govt. of India)	2019-2021
22	Bhavika Vajawat	Clinical and legal outcomes of patients with mental illness charged under Indian Penal Code (IPC) section 302 admitted in the forensic ward: a longitudinal study	MD in Psychiatry	Guide	NIMHANS	2017-
23	Prakyath Hegde	Prevalence and correlates of covert administration of medication among psychiatric patients with severe mental illnesses attending outpatient department at NIMHANS	MD in Psychiatry	Co-guide	NIMHANS	2017-
24	Ankita Shenoy	Comparison of cognitive adverse effects, seizure thresholds and efficacy of two pulse frequencies (50 pps and 125 pps) during brief pulse ECT in schizophrenia patients: a randomized controlled trial	MD in Psychiatry	Co-guide	NIMHANS	2017-

25	Haripriya Chintala	Influence of pulse frequencies of brief-pulse ECT on select physiological parameters in patients with schizophrenia: an exploratory study	MD in Psychiatry	Co-guide	NIMHANS	2017-
26	Sreeprya Menon	Feasibility of Assisted Home Care services for persons with severe mental disorders: a cross-sectional study in Ramanagaram District of Karnataka	MPhil in PSW	Co-guide	NIMHANS	2016-2019
27	Sarath Chandra Reddy	Exploring the relevance of Clause-4 of the Mental Health Care Bill 2016 (Capacity to Consent to Treatment) among patients who are admitted involuntarily	MD in Psychiatry	Co-guide	NIMHANS	2016-
28	Ravikumar Sharma	Antidepressant effects of Ketamine: a pilot comparison	MD in Psychiatry	Guide	NIMHANS	2016-2018
29	Febna Moorkath	Homeless women with chronic mental illness placed in shelter care homes: an in-depth analysis of social and clinical outcomes	PhD in PSW	Joint-guide	NIMHANS	2016-
30	Dhruva Ithal	Effect of electroconvulsive therapy on social cognition in patients with schizophrenia: a prospective case-controlled study	PhD in Psychiatry	Joint-guide	NIMHANS	2016-

31	Sadananda Reddy	Development and feasibility testing of a supported education program for adults with severe mental disorders	PhD in PSW	Joint-guide	NIMHANS	2016-
32	Manjunatha B	Assessment of disability, work productivity and cost analysis of common mental disorders	MD in Psychiatry	Co-guide	NIMHANS	2016-
33	Samyami Lekkekatta	A comparative study to evaluate the response of post-partum psychosis and non-puerperal psychosis to ECT	MD in Psychiatry	Co-guide	NIMHANS	2016-
34	Sreekanth Nair	Need for Micro-Finance Self Help Groups among women family caregivers of person with mental disability – a cross sectional survey in rural Karnataka	MPhil in PSW	Co-guide	NIMHANS	2016-2018
35	Abhiram PN	Continuous Theta Burst Stimulation for treatment resistant auditory hallucinations: A double blind, Randomized, sham controlled-trial	MD in Psychiatry	Guide	NIMHANS	2015-2018
36	Vani P	Duration of pupillary non-reaction as a predictor of Acute Response to ECT in Schizophrenia	MD in Psychiatry	Co-guide	NIMHANS	2015-2018
37	Praveen Gowda	Developing an Assessment-Schedule for	MD in Psychiatry	Co-guide	NIMHANS	2015-2018

		assessing 'Fitness for Job'				
38	Aveenash Marachapu	Tool for assessing Decision Making Capacity (for treatment) among patients with psychiatric disorders	MD in Psychiatry	Co-guide	NIMHANS	2015-2018
39	Rakesh Chander K	Prevalence and socio-clinical correlates of common mental disorders attending specialty mental health care	MD in Psychiatry	Co-guide	NIMHANS	2015-2018
40	Nikitha Harish	Pilot testing of a Vocational Program for persons with severe mental disorders in remission: Assessment, Counseling and Follow-up	PhD in Mental Health Rehabilitation	Guide	NIMHANS	2015-
41	James Joseph	Effectiveness of Community Based Rehabilitation for Adults with Severe Mental Disorder based on WHO Guidelines in a Rural Area of South India	PhD Thesis	Joint guide	NIMHANS	2015-
42	Sriharsha K	A study on the Utility of Legal Aid clinic at the National Institute of Mental Health and Neurosciences, Bengaluru	MD in Psychiatry	Guide	NIMHANS	2014-2017
43	Mahesh Jagtap	Adverse effects of lithium & ECT combination: A	MD in Psychiatry	Co-guide	NIMHANS	2014-2017

		comparative study				
44	Sharad Philip	Psychiatric Advance Directives in India: Patient and family members' perspective	MD in Psychiatry	Co-guide	NIMHANS	2014-2017
45	Kanchana Ramachandran	Comparison of family burden and coping skills among rural and urban caregivers of patients with schizophrenia	DNB in Psychiatry	Co-guide	DNB Board	2014-2016
46	Amrita Kuriakose	Effectiveness of a structured teaching programme on the knowledge about Human Rights of Mentally Ill among the family members of inpatients with Schizophrenia	MSc Psychiatric Nursing (on-going)	Co-guide	NIMHANS	2013-2015
47	Abhijna Chattopadhyay	Development and pilot testing of an interview schedule for assessing factors influencing educational outcome in students with schizophrenia	MD in Psychiatry	Guide	NIMHANS	2013-2016
48	Spandana Bokka	2D:4D Ratio in Patients of Depression	MD in Psychiatry	Co-guide	NIMHANS	2013-2016
49	Virupakshappa I Bagewadi	Exploring Modulation of Mirror Neuron Activity with a Novel Emotionally Embedded Motor Task and its Associations with	MD in Psychiatry	Co-guide	NIMHANS	2013-2015

		Social Cognition in Schizophrenia				
50	Vikas Agarwal	Parental consanguinity and its association with metabolic abnormality in schizophrenia patients living in a rural community of South India: A clinical and genetic investigation	PhD in Psychiatry	Co-guide	NIMHANS	2012-
51	Kannan K	Effectiveness of Pranayama on depression, anxiety and stress among residential elderly in a selected old age home at Bangalore	MSc, Psychiatric Nursing	Co-guide	NIMHANS	2012-2014
52	Guru S Gowda	Coercion in Psychiatry	MD in Psychiatry	Co-guide	NIMHANS	2012-2015
53	Rakshathi Basavaraju	Mirror neuron activity in patients with hypomania/mania and its correlates with social cognition- A Trans-cranial magnetic stimulation based study	MD in Psychiatry	Co-guide	NIMHANS	2012-2015
54	Suhas Ganesh	Inbreeding in Schizophrenia: An observational study in rural South Indian population using Microsatellite markers	MD in Psychiatry	Co-guide	NIMHANS	2012-2015
55	Swati Netam	A Comparative Study of Change in Weight due to Amisulpride and	MD in Psychiatry	Co-guide	NIMHANS	2012-2015

		Risperidone: A Prospective Study				
56	Dhruva Ithal	Comparison of cognitive adverse effects and efficacy between two pulse widths (0.5 and 1.5 msec) during brief pulse ECT in patients with schizophrenia: A randomized single blind controlled trial	MD in Psychiatry	Co-guide	NIMHANS	2012-2015
57	Nandeeshwar Reddy	Factors influencing participation in clinical trials among psychiatric in-patients	MD in Psychiatry	Co-guide	NIMHANS	2011-2014
58	Srikanth Miryala	Standardization of Tool to assess "Competence to Stand Trial" among Prison Psychiatric Patients	MD in Psychiatry	Co-guide	NIMHANS	2011-2014
59	Syed Amthul Yasmeen	Oral health in individuals with Depression: A Descriptive cross-sectional study	MDS	Co-guide	RGUHS	2011-2014

9.0 Fellowship awarded / selected by the recognized professional bodies, organizations, Institutions

1. Life fellow of the Indian Psychiatric Society
2. Life fellow of the Telemedicine Society of India
3. Life-member of the Indian Medical Association
4. Member of the Karnataka branch of the Indian Psychiatric Society
5. International member of the American Psychiatric Association

10.0 Membership awarded / selected /elected by the recognized professional bodies, organizations, Institutions. (don't include the paid membership)

- 1. Member, NIMHANS Core Committee, National Tele Mental Health Program (Tele MANAS)**
- 2. Member of the National Academy of Medical Sciences, New Delhi, India**
- 3. Member of the Institutional Ethics Committee, Sri Swami Vivekananda Yoga Anusandhana Samsthana, (Deemed-to-be-University), Bangalore, India**
4. Member-Secretary for the **Board of Studies of the NIMHANS Digital Academy, NIMHANS, Bengaluru**
5. Member, Core-Committee, Drafting Group for the Karnataka Mental Health Regulations, constituted by the Govt. of Karnataka
6. Convenor, Mental Health Sub-Committee, Karnataka Health Vision Group, constituted by the Govt. of Karnataka
7. Member of the Drafting Committee, Karnataka State Mental Health Rules (for the Mental Healthcare Act, 2017), Govt. of Karnataka
8. Member of the Core Committee for Inclusion of Mental Illnesses in Aarogya Karnataka health Assurance Scheme, Suvarna Aarogya Suraksha Trust, Govt. of Karnataka
9. Member of the Committee formed by the Task force for Primary Mental Healthcare, National Institute of Health and Family Welfare, Ministry of Health and Family Welfare, Govt. of India

11.0 Awards & Citations received during professional career. (Don't include the awards received during studentship and for other activities)

1. Co-Recipient of **Dr SS Jayaram Award**, for the paper titled "Does the Collaborative Video Consultations module in 'Diploma in Primary Care Psychiatry' helpful?" at the 54th Annual conference of the Indian Psychiatric Society- South Zone (IPSOCON) held at Courtyard by Marriott, Madurai from 22 to 24 October 2021.
2. Co-recipient of **'First Prize for the research paper 'Impact of community-based rehabilitation for mental illness on 'out of pocket' expenditure in rural South India.** Sivakumar T, James JW, Basavarajappa C, Parthasarathy R, Kumar CN, Thirthalli

- J. As J Psychiatry. 44; 2019: 138-142. Community Psychiatry Specialty Section, Indian Psychiatric Society, Kshema Trust, Karnataka, October, 2021
3. Co-Recipient of '**National Health Conclave Award 2021**' in the category of 'State Governments - Excellence in mental health services – National Health Missions (National Mental Health Program)' (e-MANAS and KTM Program) at 3rd National Health Conclave 2021 Public Health Foundation of India and Association of Healthcare Providers of India at Delhi, on 12 & 13th March 2021 at Hotel Crowne Plaza, Gurgaon
 4. Co-recipient of '**Third Prize for the research paper** 'Qualitative perspective of stakeholders on the role of ASHA in Indian Public Mental Healthcare'. Varshney P, Malathesh BC, Nirisha PL, Kumar CN, Manjunatha N, Math SB, Thirthalli J, Gajera G, Pandey P, Patley R, Harshitha HA, Satish S, Manjappa AA, Reddy S, Harshitha NR, Kulal N. Community Psychiatry Specialty Section, Indian Psychiatric Society, Kshema Trust, Karnataka, October, 2021
 5. Co-recipient of the **Dr KC Dube Award for best poster** at the 72nd annual national conference of the Indian Psychiatric Society (ANCIPS), Jan 2020. Pahuja E, Manjunatha N, Kumar ST, Kumar CN, Gupta R, Fareed U, Math SB. Impact of a digitally driven module based Primary Care Psychiatry Program for Uttarakhand State. Poster presented at ANCIPS, Jan 2020, Kolkata, India
 6. Co-recipient of the **Third prize in the Digital Innovation category** held at Ida Scudder Trade Centre, Madurai on 15th and 16th November 2019 for the 'Karnataka Telemedicine Mentoring and Monitoring Program in 'Velammal Healthcare Innovation Awards 2019. **I am the Co-Principal Investigator for the KTM program**
 7. Co-recipient of the **First prize in the Best Public Health initiative** at the 5th BW Business world Digital India Summit and Award for the "**Karnataka Telemedicine Mentoring and Monitoring Program**", a collaborative program between Dept. of Health & Family Welfare Services, Govt. of Karnataka and National Institute of Mental Health and Neurosciences, Bengaluru, India. July 2019. **I am the Co-Principal Investigator for the KTM program**
 8. Co-recipient of the **First prize under the posters category** at annual conference of the Karnataka chapter of the Indian Psychiatric Society (KANCIPS), September 2019, Bengaluru, India. Ibrahim FA, **Kumar CN**, Jyrwa S, Manjunatha N, Jain S, Math SB. Chhattisgarh Mental Healthcare Telementoring Program (CHaMP)
 9. Co-recipient of '**Second Prize for oral paper presentation**' at 52nd Annual Conference of Indian Psychiatric Society South Zonal Branch (IPSOCON 2019) held on 18th to 20th October 2019 at the Kodagu Institute of Medical Sciences, Madikeri, Coorg, Karnataka. Harish N, **Kumar CN**, Thirthalli J. Jagannathan A. Vocational rehabilitation for persons with severe mental disorders from a tertiary care neuropsychiatric institute: an overview.
 10. Co-recipient of the '**Marfatia Award**', Annual National Conference of the Indian Psychiatry Society, Lucknow, Jan 2019. Manjunatha N, **Kumar CN**, Thirthalli J,

- Suresha KK, Harisha DM, Arunachala U. Mortality in Schizophrenia: a study of verbal autopsy from cohorts of two rural communities in south India.
11. Co-recipient of the '**Poona Psychiatric Association-II Award**', Annual National Conference of the Indian Psychiatry Society, Lucknow, Jan 2019. Bagewadi VI, Mehta UM, Thirthalli J, Naik S, Shyamsundar A, Kumar CN, Gangadhar BN. Diminished modulation of motor cortical reactivity during context-based action observation in schizophrenia
 12. Co-recipient of the **2nd best poster award**, ICONS 2018, Chennai, India. Sivakumar T, James JW, Santosh S, Doddur D, Rajappa, Janardhana AL, **Kumar CN**, Thirthalli J. "Impact of Community based rehabilitation project on 'out of pocket expenditure' for mental illness in India: Jagaluru experience,
 13. Recipient of the '**Prof Raguram distinguished young teacher**' Award, of the Karnataka chapter of the Indian Psychiatric Society. Annual Conference of the Karnataka chapter of the Indian Psychiatric Society, September 1-2, 2017, Hampi, India,
 14. Recipient of the **Dr Tilak Venkoba Rao Oration Award**, ANCIPS, January 2015, Hyderabad, India **Kumar CN**. *Public Health Interventions for Psychiatric Disorders focusing on schizophrenia: Is it time to rethink?*
 15. Recipient of 'SS Jayaram Award', Indian Psychiatric Society South Zone Conference, October 2014, Bangalore, India. Kumar CN, Phutane VH, Thirthalli J, Jayaram N, Kesavan M, Mehta UM, Tyagi V, Gangadhar BN. *Resolution of Cognitive Adverse Effects of Electroconvulsive Therapy in Persons with Schizophrenia: A Prospective Study.*
 16. Co-recipient of the '**Best Poster Award**', DECADE-2015 Conference, 12 December, Thirthahalli, India Reddy KS, Kumar CN, Thirthalli J, Rawat VS, Manjunatha N, Reddy NK, Renukadevi NR, Suresha KK, Gangadhar BN. *Barriers to access psychiatric treatment among persons with schizophrenia in a rural south Indian taluk. DECADE Conference, 12 December 2015, Thirthahalli, India*
 17. Co-recipient of the **Best Paper Award**, WAPR congress, Seoul, South Korea, November, 2015. 12th World Congress of World Association of Psychosocial Rehabilitation, 2-5 November 2015, Seoul, South Korea, Gowda GS, Kumar CN, Math SB. *Evaluation of perceived coercion among psychiatric inpatients: A hospital based prospective study.*
 18. Co-recipient of the '**Best Poster Award**'. Regional Congress of the World Psychiatric Association, 25-27 September 2015, Kochi, India. Rajendra KM, Dayanand Sagar Y, Kumar CN, Thirthalli J. *Educational outcome among outpatients with severe mental disorders attending a tertiary care neuropsychiatric centre.*
 19. Co-recipient of the '**Best poster award**'. 1st symposium on non-invasive brain stimulation. 20 September 2015, NIMHANS, Bangalore, India. Sunder P, Tyagi V, Dharmappa AS, Kumar CN, Keshav Kumar KJ, Thirthalli J, Mehta UM, Shyamsundar A, Gangadhar BN, Chaturvedi SK. *Augmentation of Cognitive Remediation Training (CRT) with repetitive transcranial magnetic stimulation:*

impact on cognitive functions and symptoms in patients with schizophrenia.

20. Co-recipient of the '**Best poster award**'. 5th Asia Pacific Regional Conference on Psychosocial Rehabilitation, 6-8 February 2015, Bengaluru, India. Ahammed A, Pathak A, Chethan B, Sujai R, James JW, Reddy RP, Vijayan TV, Sivakumar T, Kumar CN, Gandhi S, Nirmala BP, Bhola P, Kumar D, Desai G, Thirthalli J, Chaturvedi SK. *Rehabilitation in a Person with Borderline Intellectual Function: A Case Report.*
21. Co-recipient of the '**Best poster award**'. 5th Asia Pacific Regional Conference on Psychosocial Rehabilitation, 6-8 February 2015, Bengaluru, India. Pathak A, Ahammed A, Chethan B, Sujai R, James JW, Reddy RP, Vijayan TV, Sivakumar T, Kumar CN, Gandhi S, Nirmala BP, Bhola P, Kumar D, Desai G, Thirthalli J, Chaturvedi SK. *Awareness and utilization of disability benefits among persons attending daycare at Psychiatric Rehabilitation Services, NIMHANS, Bengaluru.*
22. Co-recipient of the '**Best poster Award**'. National Conference on Research and Services on Psychiatric Rehabilitation: Focus on Recovery, NIMHANS, 8-9 March 2014, Bangalore, India. Reddy KS, Thirthalli J, **Kumar CN**, Reddy NK, Rawat VS, Renukadevi NR, Suresha KK, Ramakrishna J, Gangadhar BN. *Schedule of factors influencing treatment adherence in persons with schizophrenia in a rural community of south India*
23. Co-recipient of the **SS Jayaram Award**, IPS South Zone Conference, October 2013, Kottayam, India Virupakshappa IB, Thirthalli J, Girish N Rao, **Kumar CN**, Suresh KK, Gangadhar BN. *Standardized Mortality Ratio in patients with Schizophrenia – Findings from Thirthahalli, a rural south Indian community*
24. Recipient of the **WPA travel award** to attend the WPA regional conference, Bali, Indonesia, September 2012. Kumar CN. *Four years' course and outcome of schizophrenia in a south Indian rural community*
25. Co-recipient of the **best poster award** for the poster at the symposium titled 'Recovery from Mental Illness: Towards Life beyond Symptom Relief, NIMHANS, September. *'Why do patients with schizophrenia discontinue psychiatric treatment? A qualitative study from Turuvekere, a rural community.* At the
26. Co-recipient of the **best poster award** for the poster titled '*Disability and correlates of schizophrenia after six years of follow-up, at the symposium titled 'Recovery from Mental Illness: Towards Life beyond Symptom Relief, NIMHANS, September 2012*
27. Co-recipient of the **best paper award** for the paper '*Barriers to Access Mental Health Care in a Rural Community: Preliminary findings from a Qualitative Analysis* at ISPSW-11, Cochin, India
28. Co-recipient of the '**best poster award**' for the paper '*Areca Nut Use Among Rural South Indian Schizophrenia Patients: A Comparative Study*' in IPSOCON-2011, Visakapatnam, India
29. Co-recipient of the **best paper award** for the paper '*A Comparative Study of Social Cognition in Remitted Schizophrenia Patients and Healthy Controls*' at the fourth

International Conference on Schizophrenia (SCARF), Chennai, India, October 2010 ICONS-10 award

30. Co-recipient of the **best paper award** for the paper titled '*Factors Associated with Caregiver Burden in Schizophrenia Patients: Study from a Rural Setting*' presented in the students' category at the Annual National Conference of the Indian society for psychiatric social workers at Bheemavaram, India, February 2009, Bheemavaram
31. Recipient of the '**Young Minds in Psychiatry Award**' for the year 2009 from the American Psychiatric Association (APA)/American Psychiatric Institute for Research and Education (APIRE) /Astra Zeneca. The APA/AstraZeneca Young Minds in Psychiatry International Awards Program is a commitment by the American Psychiatric Association (APA) and Astra Zeneca to recognize and support promising international young psychiatrists within 5 years of completing a psychiatric residency. This Award addresses the issue through incentives encouraging young physicians to select a career path in research. During the year 2009, two awards were specifically given for applicants from developing countries. I was one of the awardees. Research proposals from several countries were scrutinized (through scientific review by independent experts) and the best two were selected. One of them was our project titled 'Incidence and determinants of metabolic complications of antipsychotics in community-dwelling schizophrenia patients in India'. This proposal was awarded a grant of Rs 15,00,000 (fifteen lakhs only)

12.0 Details of two referees (Letters should be enclosed only for Sir C V Raman, Prof. Satish Dhawan and Dr. Kalpana Chawla Awards) as **Annexure-II**

Name & Designation	Address	Areas of research	Relationship with referee
Dr Pratima Murthy, Director & Senior Professor of Psychiatry, NIMHANS, Bengaluru	Directors Secretariat, National Institute of Mental Health, and Neurosciences, Hosur Road, Bengaluru, India Phone: 080-26995001 Email: dirstaff@nimhans.ac.in	Substance Use Disorders, Human Rights and Mental Health, Forensic Psychiatry History of Psychiatry	MD thesis guide, supervisor, and mentor, Former Head of the Department of Psychiatry, currently, head of the institute

<p>Dr CR Chandrashekar Former Senior Professor of Psychiatry and Medical Superintendent, NIMHANS Currently, Founding Trustee, BM Rajannachar and Sarojamma Trust, Bengaluru</p>	<p>Samaadhaana Counselling Centre, No 324, 6th main Road, Near Arakere Mico Layout, off Bannerghatta Road Bengaluru Phone: 9845605615</p>	<p>Community Psychiatry, Forensic Psychiatry</p>	<p>Supervisor and mentor, Former Head of the Department of Psychiatry,</p>
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13.0 Details of five important (best) research publications which you think should be taken into consideration for this award: Copies of all such papers should be enclosed as **Annexure-III**. (This should include Title, Author & Co-authors, Journal, Volume, Year of publication and Page Numbers and Total citation and details of Contributions, Brief description of work)

1. *A randomized, double-blind comparison of lorazepam and chlordiazepoxide in patients with uncomplicated alcohol withdrawal.* **Kumar CN***, Andrade C, Murthy P. J. Stud. Alcohol Drugs. 70; 2009: 467-474
 - a. **Total Citations:** 51
 - b. **Details of contributions:** This paper came from my MD thesis. I did most of the work (under the guidance of my thesis guide) starting from writing up the protocol, getting it cleared by the ethics committee, data collection, data entry, data analysis and report writing. For the article also, the preliminary draft was prepared by me. However, the refining of the same was done by the other senior co-authors
 - c. **Brief description of the work:** In this study, lorazepam was shown to be as effective as the more traditional drug chlordiazepoxide in attenuating uncomplicated alcohol withdrawal. Lorazepam, therefore, could be used with confidence when liver disease or the inability to determine liver function status renders chlordiazepoxide therapy problematic. The absence of clinically significant withdrawal complications with lorazepam in this large study contrasts with findings from previously published studies and suggests that higher doses of lorazepam than those formerly used may be necessary during alcohol withdrawal. This finding has implications for primary health care as the drug could be used with confidence in places where testing liver functions is not possible immediately

2. *Antipsychotic treatment, psychoeducation, and regular follow-up as a public health strategy for schizophrenia: Results from a prospective study.* **Kumar CN**, Thirthalli J, Suresha KK, Venkatesh BK, Arunachala U, Gangadhar BN. Indian J Med Res. 146; 2017: 34-41

- a. **Total citations:** 17
 - b. **Details of contribution:** This work as comes from the community intervention program of Thirthahalli. I have contributed for the running of the cohort, designing the study, collecting data, data cleaning, analysis, discussion with mentors, data analysis and interpretation, writing the manuscript, revising it, answering the reviewers' questions and submission. I am the corresponding author for the manuscript.
 - c. **Brief descriptions of the work:** This work gives the data on the long-term course and outcome of schizophrenia in rural places. This study showed that maintaining patients on antipsychotic medications and keeping them on regular follow-up with low-intensity psychosocial interventions are enough for majority of persons with schizophrenia dwelling in the community. This strategy can be easily adopted with minimum resources and hence would be a good public health strategy to tackle schizophrenia. In fact, work in these rural communities for over a decade helped in conceptualizing and envisioning the 'Taluk Mental Health Program' which was approved for 10 taluks in Karnataka.
3. *Caregiver burden is associated with disability with schizophrenia: results from a rural setting of south India.* **Kumar CN***, Suresha KK, Thirthalli J, Arunachala U, Gangadhar BN. *Int J Soc Psychiatry.* 61; 2015: 157-163
 - a. **Total citations:** 43
 - b. **Details of the contributions:** This work also came from the same Thirthahalli cohort as mentioned above. Apart from overseeing the care of the cohort, I have contributed towards almost all dimensions of the paper starting from the conceptualizing the research idea, to data cleaning, manuscript writing and editing. I am the corresponding author
 - c. **Brief description of the work:** Taking care of patients with schizophrenia is a major source of burden to the family. Research on burden experienced by family members of patients living in rural communities is sparse. Level of burden had a significant direct correlation with disability. Burden experienced by family caregivers of schizophrenia patients depends on the level of disability experienced by the patient, age of the family caregiver and gender of the patient. Aggressive interventions to reduce disability of patients may reduce the caregiver burden
 4. *Taluk Mental Health Program: The new kid on the block?* Manjunatha N, Kumar CN, Kalaivanan RC, Sadh K, Gowda GS, Basavaraju V, Shashidhara HN, Parthasarathy R, Rao GN, Math SB, Thirthalli J. *Indian J Psychiatry.* 61; 2019: 635-639
 - a. **Total citations:** 3
 - b. **Details of the contributions:** I have contributed to all dimensions of the paper starting from the conceptualizing the idea, manuscript writing and editing. I am the corresponding author
 - c. **Brief description of the work:** This is a concept paper and we have talked about what path we should take to scale up the public mental healthcare in the

country. Currently, the District Mental Health Program (DMHP; operational arm of the National Mental Health Program) is implemented in almost all districts of the country and time is ripe for scaling up mental health program by extending out to the next administrative sub-division: taluks/blocks. In the paper, we have argued that groundwork for such an expansion is there already (work from our center and many others across different parts of the country). Given the huge burden of psychiatric disorders in the community, we have talked about how to prioritize to cover all categories of persons with psychiatric disorders. Technology is another enabler towards realizing this objective. We have argued that expansion to taluks may not be difficult given the current ecosystem including the facilitatory National Mental Health Policy and Mental Healthcare Act, 2017

5. *Disaster Management: Mental Health Perspective*. Math SB, Nirmala MC, Moirangthem S, **Kumar CN**. Indian J Psychol Med. 37; 2015: 261-271
 - a. **Total citations:** 129
 - b. **Details of the contributions:** I have contributed to conceptualizing the idea, to manuscript writing and editing.
 - c. **Brief description of the work:** This is again a concept paper that came from the experience of working in the aftermath of a couple of disasters. We have talked about the importance of mental health during such times and how to prevent mental distress and promoting mental health. This principle has necessitated a paradigm shift from relief centered post-disaster management to a holistic, multi-dimensional integrated community approach of health promotion, disaster prevention, preparedness, and mitigation. This has ignited the paradigm shift from curative to preventive aspects of disaster management. This can be understood based on six 'R's including Readiness (preparedness), Response (immediate action), Relief (sustained rescue work), Rehabilitation (long term remedial measures using community resources), Recovery (returning to normalcy) and Resilience (fostering). Prevalence of mental health problems in disaster affected population is found to be higher by two to three times than that of the general population. Along with the diagnosable mental disorders, affected community also harbors many sub-syndrome symptoms. Majority of the acute phase reactions and disorders are self-limiting, whereas long-term phase disorders require assistance from mental health professionals. The importance of this work is underscored by the recent COVID pandemic and the critical importance of mental health (which affected about 50% of the general population; much more than the number of those infected with corona virus) of the population. The effective response of the state to any disaster should include components of preventive, promotive, curative, and rehabilitative aspects of mental health.

6. *Number of psychiatrists in India: Baby steps forward, but a long way to go* Garg K, **Kumar CN**, Chandra PS. Indian J Psychiatry. 2019 Jan-Feb;61(1):104-105

- a. **Total citations:** 77
- b. **Details of the contributions:** I have contributed to conceptualizing the idea, to manuscript writing and editing and approving. I am the corresponding author
- c. **Brief description of the work:** Any policy initiative to scale up mental health programs will require accurate resource mapping, particularly, the number of psychiatrists available in the country. As on date, there is no systematic means to assess their number, hence this effort. Though the scenario is better than about a decade back, but we still must go a long way to meet the needs.

14.0 Any other information you would like to furnish to justify your nomination for the award (Supporting document, if any, to be attached as **Annexure IV**)

- a. Administration:
 - i. Departmental Academic Committee
 1. Chief coordinator for the Seminars Program of the Department (current)
 2. Journal club/Research forum activity of the department (past)
 3. Co-ordinating theory classes for junior residents (past)
 4. Periodic assessment and Feedback system for the students (past)
 - ii. Head, Departmental Clinical Postings Committee (current)
 - iii. Secretary to the Department of Psychiatry, NIMHANS (past)
 - iv. Nodal officer in-charge for the 'Information Center for Persons with Disability' of NIMHANS (past)
- b. Scientific reviewer for the following journals:
 - i. Lancet Regional Health, Southeast Asia
 - ii. British Journal of Psychiatry
 - iii. Indian Journal of Medical Research
 - iv. Schizophrenia Research
 - v. Journal of Nervous and Mental Disorders
 - vi. Addictive Behaviors
 - vii. Psychiatric Research
 - viii. Journal of Psychosocial Rehabilitation and Mental Health
 - ix. Asian Journal of Psychiatry
 - x. Bulletin of the World Health Organization
 - xi. Clinical Schizophrenia and Related Psychosis
 - xii. Indian Journal of Social Psychiatry
- c. Clinical trials that I was involved:
 - i. **Co-Principal Investigator:** A phase HA, prospective, randomized double-blind, placebo controlled, multiple-dose study designed to determine the safety, tolerability and preliminary efficacy of an oral dose range of NW-3509A in patients with chronic schizophrenia not

responding adequately to their current antipsychotic medication.
Protocol Number: NW-3509A/002/II/2015.

- ii. **Sub-Investigator and rater** for the project titled ‘A multicenter study to assess the feasibility of clinical and cognitive testing of patients with schizophrenia and controls in India (MK-0000-116)
- iii. **Sub-Investigator and rater** for the project titled ‘A one-year multinational, multi-centre, randomized double-blind, parallel group fixed dosed bifulprunox study combining a 12-week placebo controlled, quetiapine referenced phase with a 12-months Quetiapine controlled phase in patients with schizophrenia (11916-A)
- iv. **Sub-Investigator and rater** for the project titled ‘A phase-3, randomized, placebo controlled clinical trial to assess the safety and efficacy of Lurasidone in acutely psychotic patients with schizophrenia
- v. **Co-investigator and rater:** A Randomized double-blind, active-controlled phase 2/3 study to determine the short-term (6 weeks) and long-term (6-months) cognitive and antipsychotic efficacy, safety and tolerability of CYP-1020 compared to risperidone in patients with schizophrenia

Details of Research/Training projects

FUNDED PROJECTS

Sl no	Title	Funding	Role	Durati on	Total Funding (Rs)	Outcome
1	Technology driven empowerment of multi-state primary care providers and community health workers in mental health (NIMHANS_GS_CENTRAL)	Goldman Sachs Company under CSR initiative	PI	2022-2024	2.2 Cr	Just now initiated
2	Technology driven empowerment of multi-disciplinary primary care providers and community health workers in mental health (NIMHANS_GS_GENTLE)	Goldman Sachs Company under CSR initiative	PI	2022-2024	2.4 Cr	Just now initiated

3	A digitally driven one-year modular based program for actively practicing MBBS doctors of Bihar	State Health Society & National Health Mission, Govt. of Bihar	PI	2021-2011	24,40,000	completed
4	Effectiveness of community-based rehabilitation delivered by ASHA workers for persons with severe mental illness in a rural community in Karnataka: a randomized controlled comparison with specialist delivered care	Indian Council of Medical Research	Co-I	2018-2021	Rs 24,00,000	3 papers published, data collection in progress, 1 paper submitted for publication

5	Mental Health Impact, Psychosocial and Rehabilitation Needs, Barriers in Accessing Services among Women Survivors of Gender Based Violence	Indian Council of Medical Research	Co-I	2020-22	15,00,000	Data collection in progress
6	Chhattisgarh Community mental Health Care Tele Mentoring Program (CHaMP)	Government of Chhattisgarh	PI	2018-2024	1.8 Cr	1900 MOs and AMOs trained till May 2022
7	Training of Trainers for Psychiatric Nurses under National Mental Health Programme	World Health Organization	PI	2019-2020	8,00,000	Manual prepared and submitted to MOHFW, Govt. of India for consideration
8	Psychiatry Digital Lecture series program for Psychiatry Post Graduate students (INDIANS)” Indian Psychiatric Society South Zone Branch and NIMHANS Initiative for Nurturing Skills	Educational grant from LINUX Pharma	Co-PI	2019-2020	9,80,000	completed
9	Suicide Prevention action networks (SPAN) program	Government of Sikkim	Co-PI	2019-2020	19,90,000	Dip in CMH awarded for Doctors, Nurses, Psychologists, Social workers. Gate Keepers training in progress
10	Karnataka Tele-mentoring and Monitoring project for Karnataka DMHP	National Health Mission, Govt. of Karnataka	Co-PI	2019-2020	103 Lakhs	Completed . TOT done for all 34 DMHP Psychiatris

						ts, 200 PCDs trained in Tele-OCT
11	Strengthening primary and secondary level child and adolescent mental health services in Karnataka	National Health mission, Govt of Karnataka	Co-PI	2018-2019	20,62,000	Completed . Trained all 207 staff of DMHP Karnataka
12	‘MANAS-UTKALAN’: Mental and Addictive and Sleep disorders - prevention, early detection, and Treatment in the state of Uttarakhand under Leadership of AIIMS-Rishikesh and NIMHANS	NHM, Uttarakhand	Co-I	2020-2023	70,00,000	Training in progress
13	Mental Healthcare Management Software solutions	Department of Health and Family Welfare, Govt. of Karnataka	Co-I	2019-2020	74,60,000	completed
14	Training, mentoring and development for nurses in Bihar District Mental Health Program (DMHP)	Bihar State Health Society	Co-I	2018-19	17,00,000	completed
15	Exploring the relevance of social cognition deficits to functional outcomes in schizophrenia patients living in rural Indian Communities	Department of Science and Technology, Govt. of India	PI	2017-2020	35,00,000	Data collection in progress
16	Towards realizing the dream of reducing treatment gap in severe mental disorders: impact of community intervention programs in rural Karnataka	Mane-Manasa Account of the Department of Psychiatry	PI	2018-2021	10,31,775	Data collection in progress
17	Alliance for Public Psychiatry	Government of Karnataka	PI	2018	3,00,000	completed
18	Identification of Modulators, Predictors,	Indo-US Fogarty	Co-I	2018	30,00,000	Data collection

	and convergent trends (IMPACT) of suicide attempts in urban and rural settings	Reentry Grant, University of Florida, USA				completed. Manuscript submitted for consideration of publication
19	Implementation and Evaluation of the NIMHANS-ECHO Blended Training Program for the DMHP Workforce in a Rural South-Indian District of Karnataka State	ICMR, Govt of India	PI	2017-2020	30,00,000	completed
20	VKN NIMHANS Bihar DMHP ECHO	State Health Society - Bihar	PI	2017-2018	23,40,000	Completed
21	Development and feasibility testing of a vocational rehabilitation program for persons with severe mental disorders	Ministry of Social Justice and Empowerment, Govt of India	Co-I	2016-2018	20,00,000	Completed ; 1 award, 1 publication. More publications underway
22	Need for Self-Help Groups among Women Family Caregivers of Person with Mental Disability in Rural Karnataka	Department of Women and Child Development, Govt of Karnataka	Co-I	2016-2017	4,00,000	Completed
23	Community based rehabilitation for persons with severe mental illness in a rural area of South India	NIMHANS	Co-I	2015-2017	5,00,000	Completed
24	Mortality in schizophrenia: A study of verbal autopsy from two rural communities of south India	NIMHANS	PI	2015-2017	2,50,000	completed
25	Addressing concerns of women admitted to psychiatric institutes in India: An in-depth analysis	National Commission of Women (NCW), Ministry of	PI	2015-2016	10,00,000	Project Report submitted to NCW, Delhi

		Women and Child Devpt				
26	Augmentation of Cognitive Remediation in Schizophrenia with Trans-cranial Magnetic Stimulation: A Randomized Controlled Trial	Dept of Science & Technology, Govt of India	Co-I	2014-2016	65,00,000	5 conference presentations, 1 award
27	National Mental Health Survey	Ministry of Health and Family Welfare, Government of India	Co-I	2014-2016	8.0 Cr	Completed
28	Rehabilitation needs of persons with schizophrenia in rural communities of south India	NIMHANS	PI	2012-2015	5,00,000	Completed
29	Real-World Functioning of Schizophrenia Patients living in a Rural South Indian Community'	NIMHANS	PI	2012-2014	2,00,000	Completed
30	Prospective study of Metabolic abnormalities in schizophrenia patients living in rural south Indian community	NIMHANS	PI	2012-2013	1,65,000	Completed
31	Parental consanguinity among schizophrenia patients living in a rural community of south India: A clinical and genetic investigation	Dept of Biotechnology, Govt of India	Co-I	2012-2016	35,00,000	Completed
32	Epidemiology of Tardive Dyskinesias in a sample of schizophrenia patients in rural south India	NIMHANS, Bangalore	PI	2012-2015	5,00,000	Completed
33	Investigating Mirror Neuron Basis of Social Cognition Deficits in Schizophrenia Patients Using Transcranial Magnetic Stimulation	Dept of Biotechnology, Govt of India	Co-I	2010-2011	3,00,000	Completed

34	Incidence and determinants of metabolic complications of antipsychotics in community-dwelling schizophrenia patients in India	American Psychiatric Association (APA)/American Psychiatric Institute of Research and Education (APIRE)	Co-I	2009-2012	15,00,000	Completed
35	Treating Untreated psychosis in Rural community: Variation in the Experience of Care (TURUVECARE)	Government of Karnataka	Co-I	2009-2012	25,00,000	Completed
36	Mental Health in Prisons	Karnataka State Legal Services Authority	Sub-I	2009-2011	15,00,000	Completed
37	Community intervention in psychotic disorders: relative merits of early treatment'(CoInPsyD)	National Mental Health Programme, Govt of India	Data monitoring	2005-2008	7,00,000	Completed

NON-FUNDED PROJECTS

Sl No	Title	Role	Duration	Outcome
1	Impact of increasing the number of psychiatrists per unit population	PI	3 Months	completed
2	A File review of Tele Psychiatry After Care (TAC) consultation at Tele Medicine Centre, NIMHANS, Bengaluru	Co-PI	6 Months	completed
3	Assisted Home Care for persons with severe mental disorders	PI	2017-2019	completed
4	File review of Telemedicine consultations conducted in the past 7 years at Telemedicine Centre, NIMHANS	Co-I	2018-2021	Data collection in progress
5	A file-review of Medico-Legal consultations that occurred in NIMHANS	Co-I	2018-2022	Data collection in progress
6	A study of video-tele-psychiatry aftercare consultations in a tertiary care hospital	Co-I	2016-2019	completed
7	Educational problems among young people with serious mental disorders receiving care at a tertiary care center and interventions offered – a chart review	Co-I	2015-2016	Completed
8	ECT for children and adolescents: A NIMHANS experience	Co-I	2015-2016	Completed
9	Attitude of Private Practitioners and Practitioners of Complementary and Alternative Medicine towards training in treatment of patients with Psychotic disorders	Co-I	2015-2019	Could not complete
10	Know the Unknown	Co-PI	2014-2016	Completed
11	Caregivers' perspectives on ECT	Co-I	2013-2016	Completed
12	Real-World Functioning of Schizophrenia Patients living in a Rural South Indian Community	PI	2012-2014	Completed