



Schizophrenia Research
Foundation (India)

ANNUAL REPORT
2020 - 2021



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BRAND VALUES



We have been constantly striving to fine tune our processes to deliver optimal mental health care to persons with mental illness keeping to our brand values of Commitment, Human Care, Professionalism and Quest for Knowledge, to live up to the brand promise of excellence in mental health care and research.

The Schizophrenia Research Foundation (SCARF) was founded in 1984 with the primary objective of providing quality care and rehabilitation to those suffering from severe mental disorders.

Towards this, we have established an out-patient department, day care centre and residential care facilities at three centers, at Anna Nagar, Thiruverkadu and Mahabalipuram. We also run a number of community based treatment programmes in rural and urban areas. Research into several aspects of mental health is an important activity. SCARF is designated as the Collaborating Centre of the World Health Organization for Mental health research and training. Our biennial conference IConS draws response from distinguished researchers from all over the world. SCARF trains a number of students of psychology, social work, nursing and occupational therapy. Promoting mental health awareness and lobbying for the benefits for the mentally ill is another activity we have been pursuing. Apart from many educational materials we have produced, the film festival Frame of Mind is also designed to improve awareness and deal with stigma. We have initiated a media award for journalists writing on mental health.

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CHAIRMAN'S MESSAGE

The year 2020-2021 has been a perilous period for humanity. The COVID – 19 pandemic has devastated mankind all over the world. Serious health conditions, lost lives, overburdened health care systems and even more serious – the mental health consequences – have been pervasive around the globe.

The impact of the pandemic on persons with serious mental illnesses and their families is huge. This vulnerable section of the society has suffered a drastic reduction in access to services, difficulties in procuring medications and loss of jobs. Having to stay at home, the families of the afflicted have had to face not only overcrowding at home, but also suffer the effect of problems exhibited by the patients. While the situation has abated to some extent, health care services need to be sensitive to this situation and adapt services

need to be sensitive to this situation and adapt services to provide appropriate care. Technology in health care has never before been employed as widely as it had been during this pandemic, especially in the field of mental health services. Teleconsultation services have been the norm the world over, enabling routine consultations and emergency care access, for patients already taking treatment and those in need of emergency care. It must also be remembered that psychosocial and psychological interventions play a vital role in the management of serious mental disorders. Given the need to reach a wide section of the potential target population, these services need to be adapted to be delivered widely, using technology.

The global crisis brings to light the need for training and preparedness to handle unprecedented situations. While the National Disaster Management Authority came into existence post tsunami in 2005, with focus on policies, plans ,guidelines for disaster management, coordinating implementation, mitigation and timely and effective response to disasters,, the pandemic has highlighted in several other aspects of crisis management that need to be addressed . The need for effective approaches to deal with health care challenges, using public health infrastructure has become evident.

These require building capacities for rapid deployment to enhance infrastructure, dissemination of information regarding the occurrence of health hazards, specialized training to healthcare workers to access new knowledge of clinical solutions etc,.. Guidelines and processes therefore become important.

The pandemic has also brought to attention, the necessity for networking amongst various organizations and governments, to avoid replication of services, equitable distribution of resources and ensuring complementarity in what each partner brings on board. This simply means that organizations work together for optimal delivery of care. Networking will also facilitate

proper public awareness campaigns with a snowballing effect to create proper and accurate knowledge on crisis management and building resilience.

Unfortunately, this will not be the last pandemic of this century. The lessons learnt need to be institutionalised , so that the world is better prepared for future challenges.



Mr. R. Seshasayee
Chairman
Board of Management

REPORT FROM SECRETARY

The year 2020, - continuing into 2021- has been a devastating year, with the COVID 19 pandemic critically wrecking populations across the globe. With all health care services being pressed into more urgent COVID Care, and routine mental health care being hit, Mental health has perhaps been the greatest challenge – causing overwhelming stress and emotional upheavals in all segments of the population. Public health actions, such as social distancing, necessary to reduce the spread of COVID-19, has made one feel isolated and lonely, thereby increasing the stress and anxiety.

While mental health professionals may not have been frontline workers, they have formed the backbone of all emotional support that was needed for the general public and health care workers alike! It is indeed a matter of pride that the staff at SCARF rose to the occasion in full strength to ensure mental health support. Not only did we ensure continuity of care for persons with serious

mental illnesses under our care, we also established tele counseling services for the general population. The clinical and administrative services ensured that all required COVID 19 protocols were in place and monitored regularly for any lacunae. With the threat of “waves” persisting, we continue to be vigilant! It is also a matter of great satisfaction to report that our regular services remained in place despite the disastrous period!

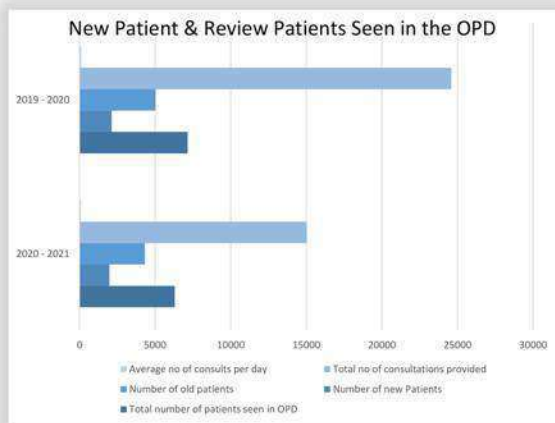
SCARF's COVID 19 PANDEMIC RESPONSE

The organisation's response aimed at continuing to provide services while taking into account all precautionary methods to safeguard against spread of the virus. These responses, adopted a public health approach including changes in access to the premises, seating arrangements as dictated by norms, a single point entry into the facility enabling a covid specific history review of patients, screening for temperatures checks, facilitating hand washing, Education of patients and care providers on safety measures was done periodically when they waited to see the clinical staff. All efforts were taken to ensure staff protection. COVID Care in Residential facilities were in place in keeping with standardized protocols. These included, restriction of admission, staff supervision on following guidelines, restriction of visitors, display of COVID 19 related posters and on basic hygiene like hand washing, regular use of face-mask and social distancing were some of the measures in place

CLINICAL SERVICES

OUT PATIENT SERVICES

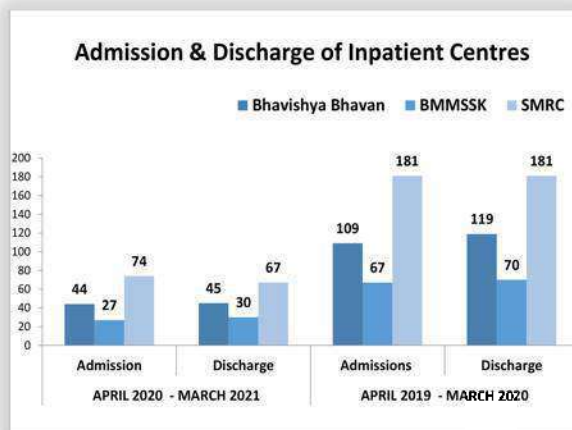
Provision of treatment and rehabilitation are the mainstay in the SCARF's activities. The outpatient department cater across all age groups from children adolescents, adults and the elderly. Special clinics



SNo	DATA	2020-21	2019-20
1	Total number of patients seen in OPD	6299	7157
2	Number of new Patients	1979	2125
3	Number of old patients	4320	5032
4	Total no of consultations provided	15037	24592
5	Average no of consults per day	92	112

include the Child and Adolescent clinics, First episode psychosis services, Elder care and and dementia clinics. The numbers reflect both in-person and teleconsultation. This year, lockdowns, for a major period, resulted in the in-person contacts. Most of the services were shifted to online consultations.

RESIDENTIAL CENTRES



April 2020-March 2021	Bhavishya Bhavan	BMMSSK	SMRC
Admissions	44	27	77
Discharges	45	30	29

Due to the pandemic situations, the admissions to the residential facility were limited during this year.

PHARMACY

The pharmacy had been operative right through the pandemic and is managed by trained pharmacist and is adhered to all drug policies. A new initiative of delivery of medicines through courier had been put in place.

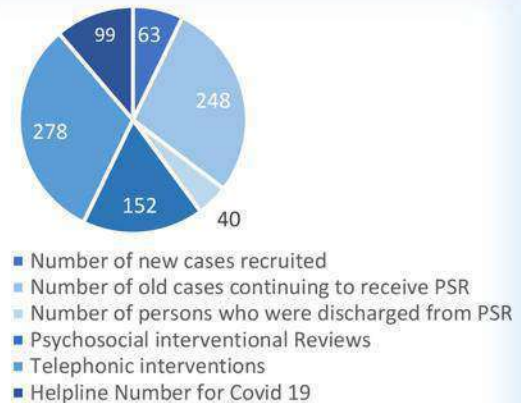
Data	April 2020- March 2021	April 2019-March 2020
Free drug card	1025	1060

PSYCHO SOCIAL REHABILITATION:

The Psycho Social Rehabilitation department has been working ardently towards the rehabilitation of mentally ill patients. The pandemic necessitated a move from routine psychosocial interventions to crisis support for most patients for a period. A good number of patients were accessed through telephone

All other departmental activities like journal club, training, teaching, internship in the department have been actively followed. The day rehab program had not been operative due to pandemic situations. But the patients had been in regular touch for rehabilitation as part of the PSR.

April 2020- March 2021



Without letting the pandemic deter any teaching programs, the 2nd batch online certificate course on psychosocial rehabilitation in collaboration with Madras school of social work(MSSW) and SCARF was conducted from March 15th 2021 to 7th April 2021 was a successful event. The course had 43 participants from various organisations and colleges in and around India and abroad. The program facilitated learning experience with regard to psychosocial interventions and understanding the concept of recovery. We received good written and verbal feedback

SCARF DEMCARES Program:

Since 2015, this program has grown in strength not just in numbers, but in the range of services offered by a dedicated team of doctors, psychologists and nurses. Services include the Centre for Active Aging, teleconsultations (especially during the pandemic), virtual Cognitive Stimulation Therapy (vCST) for persons with dementia, StrAtegies for RelaTives (START) of persons with dementia, and Behavioral and psychological symptoms of dementia management for caregivers.

Several research projects have been undertaken to understand various aspects of dementia interventions such as vCST and the START project have directly influenced the intervention for patients, their caregivers and other family members.

Training has been a key element of the program and has played a vital role in building capacities of interventionists. Psychologists have received training to

deliver virtual Cognitive Stimulation Therapy (vCST). Postgraduates in Psychiatry receive regular lectures on Dementia – a program that fills the gap in training in Dementia care.

Caregiver support groups have held once a month, providing a forum for sharing and learning for families taking care of Dementia. Dementia Awareness Program for Caregivers is a regular feature which offers psychoeducation to improve the management of dementia at home.

DEMCARES has forayed into several partnerships. Majority of these have been a collaboration to provide training and or setting up clinical care models. These include several prestigious institutions such as

- The Institute of Mental Health (IMH), Chennai – training and setting up of dementia care services at the Institute.
- National Institute of Mental Health and Neurological

Sciences (NIMHANS) – Capacity building setting for Cognitive Stimulation Therapy delivery, providing technical support

Partnership with other notable organizations include

- **Yogavahini** – A yoga center in Mylapore, Chennai. Here the partnership aims to train yoga teachers in identifying and dealing with cognitive impairment in the elderly and possibly develop yoga programs.
- **Carefinder** - Distinctive Senior Care Services. DEMCARES is partnering to provide clinical support
- **UDHAVI** – Set up by Sabitha Radhakrishna – organization that links senior citizens to volunteers. DEMCARES is involved in training volunteer.

CLINICAL CARE OFFERED BY DEMENTIA SERVICES

S.No	Number of patients	April 2020 – March 2021
1	New patients through telemedicine	92
2	Review through telemedicine by consultants	585
3	New patients in person	105
4	Review patients in person by consultants	75
5	Average no of Consultations per day	13
6.	Number of patients seen by Case Managers for interventions through Teleconsultation (BPSD management/ therapy/ brief calls)	357
7.	Number of patients seen by Case Managers for interventions in person (BPSD management/ therapy/ brief calls)	158

The new building at Tambaram is completed and will start functioning from September 2021.



Ramraj Charitable trust in the memory of P. Ramanujam kindly donated the DEMCARES Ambulance.



RESEARCH

SCARF's research capability has international reputation. Research has been the crux of our activities and has richly contributed to the body of knowledge to the understanding of serious mental disorders and its management

RESEARCH PROJECTS DONE AT SCARF

S.No	Project Title	Duration	Collaborator / Funding	Type of study	Fund
1.	Virtual Compensatory Cognitive training – pilot study	6 months	Dr. Frances Dark, Australia	Intervention	Australia
2.	PIECES	4 years	Dr. Victoria Bird, UK/ NIHR	Intervention Mixed methods	NIHR
3.	Compensatory Cognitive training	1 year	Dr. Frances Dark, Australia	Cultural adaptation	Australia
4	Cognitive Stimulation Therapy (CST) – International	Nov 2018 TILL Nov2021	University College London; Foundation for Research and Advocacy in Mental Health, Mysuru; Government Medical College, Thrissur; Post Graduate Institute of Medical Education and Research, Dr. Ram Manohar Lohia Hospital, New Delhi; Federal University of Sao Paulo, Brazil; Pontifical Catholic Uni Rio de Janeiro, Brazil; Kilimanjaro Christian Medical College, Tanzania	Implementation	ICMR/MRC
5	Cognitive and Psycho-social Intervention for Persons with Dementia in Rural India – Rural Interventions for Dementia (RIDE)	March 2019 – March 2022	ICMR	Implementation RCT	ICMR
6	Feasibility and Acceptability of Virtual Cognitive Stimulation Therapy (vCST) for Dementia in India during the COVID-19 pandemic – A Pilot Study	September 2020 – September 2021	Intramural	Feasibility study	-
7	START (STrategies for RelaTives)– India: Cultural adaptation and feasibility of the caregiver intervention in India.	January 2020- January 2021	University College London	Cultural adaptation and feasibility study	University College London, The Alzheimer's Society Global Challenges Research Fund

8	SENSE-COG Asia: An open label feasibility study of a supportive hearing intervention in dementia	October 2020 – March 2021	University of Manchester, UK	Open label feasibility study	Global Challenges Research Fund
9	Psychosis in Elderly – A descriptive study to explore associations with symptom profile, cognitive functions, co-morbidities, psycho-social factors and treatment.	January 2021 – December 2021.	DNB Thesis	Cross-sectional study	Nil
10	Use of Potentially Inappropriate Psychotropic Medications and Polypharmacy in Persons with Dementia in Chennai, India. (Component 1 completed, currently on hold)	January 2020 – January 2021	Nil	Cross-sectional descriptive study	Intramural
11	Advanced Care Needs for patients with Severe Dementia Had been on hold because of the pandemic	Restarted this Novembr.	Nil	Exploratory Study	Intramural
12	DST Project	On hold due to the pandemic	Department of Science and Technology	Exploratory and feasibility study	Department of Science and Technology
13	WIC-1	2017-2020	Prof.Swaran Singh; Dr Thara; Dr Padmavati	Cohort	NIHR
14	Mental Health Literacy and Early Access to Mental Health Care among School Students Chennai: A Cluster Randomized Trial	2019-2020	DrThara and Dr Suresh	RCT	citiesRISE
15	Efficacy of L-Carnosine as an add-on treatment for Negative & Cognitive symptoms in Schizophrenia – A Randomised double blind placebo controlled study.	2019-2021	Dr Hema	RCT	BRIO BLISS LIFE SCIENCE PVT.LTD
16	INTREPID II	2018-2021	Prof. Craig Morgan; Dr Thara	Cohort	NIHR

S.No	Project Title	Duration	Collaborator / Funding	Type of study	Fund
17	Capacity building component of Project ESSENCE	2019-2021	Dr Thara	Cross-sectional	NIMH
18	Development of a community level intervention module for physical illness in persons with mental illness	2019-2021	Thirunelveli Medical College / ICMR	Intervention	ICMR

Highlights of some of the key contribution this year include

1. Research in Young People

- In a series of publications based on the NIH supported study on First Episode of Schizophrenia (FEP) several key findings emerged.
- Patient and family engagement was strikingly higher in Chennai. Maintaining family contact may benefit patient engagement, irrespective of context. Findings also suggest that differential service utilization may underpin cross-cultural variations in psychosis outcomes.
- Patients with FEP treated in Early Intervention Services in LMIC contexts are likely to show better outcome on negative symptoms compared with those in HIC contexts. Early remission and family support may benefit patients across both contexts.
- Several measurement tools that will applicable for cross-cultural research in this population were also important outcomes of this project
- Mental Health literacy in Schools in Chennai – This was a pilot study done in collaboration with citesRise , a global platform committed to meet the mental health needs of the young populations incities across the world. To enable young people to grow up, develop resilience, and lead productive lives through mainstreaming mental health across sectors. The MHL project proved that it was possible for research assistance to deliver mental health education to school students efficiently. Knowledge and attitudes changes significantly . This was seen to be more effective in the group where young people with lived experience were involved in the delivery.

- Youth mental health needs from stakeholders' perspective – In this study, we engaged with key stakeholders working with youth mental health at two sites, Chennai and New Delhi. The most common mental health issues faced by young people are academic pressure, substance use and harmful social media usage. Most important challenges preventing them from seeking mental health help are stigma and lack of awareness about mental health.

2. Research in Schizophrenia

- The concept of recovery in mental health has been embraced by many services across the world. Placing the individual (self) at the core of service delivery constituted a profound shift from service-driven models of care. However, cultures described as individualistic or collectivist may hold very different views of individuality. A qualitative study comparing two distinct population led by Dr Tirupati Srinivasan , New Castle Australia and Dr Padmavati concluded that to provide provision of recovery-oriented mental health care, there needs to be an awareness of the cultural variations in the relational dynamics of individualism.
- Efficacy of L-Carnosine as an add-on treatment for Negative & Cognitive symptoms in Schizophrenia – This was a randomised double blind placebo controlled study which aimed to test if the addition of L-Carnosine, a strong anti-oxidant to the drug treatment for Schizophrenia had an impact on negative and cognitive symptoms of schizophrenia . Preliminary reports indicate that negative symptoms of schizophrenia improved significantly by the third month in the group receiving L-Carnosine . There were no effects on cognition.

reports indicate that negative symptoms of schizophrenia improved significantly by the third month in the group receiving L- Carnosine . There were no effects on cognition. More research on a bigger sample will be needed to understand the wider impact of this anti-oxidant.

- In a two site study on Yoga as an add-on interventions for persons with Schizophrenia, the study findings suggest the efficacy of yoga as an add-on treatment for negative symptoms of schizophrenia.

3.Dementia Research

- Experiences and needs of caregivers of persons with dementia in India during the COVID-19 pandemic – This study showed that there is a limited understanding of the needs of persons with Dementia with respect to COVID 19 pandemic. Health care workers needed more awareness – re dementia – Special arrangements were needed to access Dem Care services in any disaster situation.

- The SENSE Cog project evolved with the observation that persons with Dementia and hearing impairment had poor prognosis. Embedding capacity and capacity building in applied Dementia Research in South Asia, fostered the sustainability of Dementia Research which is essential in developing diagnostic and care pathways

- A study of Acceptability of Social Robots and Adaptation of Hybrid-Face Robot for Dementia Care in India: - the first of its kind in India – explored the feasibility and acceptability of social robots in Dementia Care. This intervention could potentially decrease social isolation in persons with Dementia and reduce caregiver burden as well

- Cognitive Stimulation therapy is a themed 14-session intervention for persons with Dementia, aimed at stimulating cognitive functions while providing the added benefits of a group. SCARF – DEMCARES has been an active part of the CST International project to develop implementation plans and research protocols for lower and middle income countries like Brazil, India, Tanzania amongst others

Dissemination of research findings are vital for the transfer of knowledge to clinical practice. The pandemic and lockdowns allowed for the focus on publications from our various research studies. The following provides the list of publications from all

2020

1.Srividya N. Iyer, Megan A. Pope, Gerald Jordan, **Greeshma Mohan**, Heleen Loohuis ,**Padmavati Ramachandran**, **Thara Rangaswamy**, Ashok K. Malla. ShareDisk: A novel visual tool to assess perceptions about who should be responsible for supporting persons with mental health problems. .International Journal of Social Psychiatry. Published on 30 Mar 2020

2.Srinivasan Tirupati, **Padmavati Ramachandran**. Schizophrenia, recovery and the individual-cultural considerations. Australasian Psychiatry. Published on 01 Apr 2020

3. Ashok Malla, Srividya N. Iyer, **Thara Rangaswamy**, **Padmavati Ramachandran**, **Greeshma Mohan**, Aarati Taksal , Howard C. Margolese, Norbert Schmitz, Ridha Joobar. Comparison of clinical outcomes following 2 years of treatment of first-episode psychosis in urban early intervention services in Canada and India. British Journal of Psychiatry. Published on 01 Sep 2020

4. Srividya N. Iyer, Ashok Malla, Aarati Taksal, Anika Maraj, **Greeshma Mohan**, **Padmavati Ramachandran**, Howard C. Margolese, Norbert Schmitz, Ridha Joobar, **Thara Rangaswamy** .Context and contact: a comparison of patient and family engagement with early intervention services for psychosis in India and Canada. Psychological Medicine. Published on 28 Sep 2020

5.**Raghavan**, V., Cherubal, A. G., John, S., & **Padmavati**, R. (2020). Comparison of cost-effectiveness of long-acting depot injection antipsychotics and oral antipsychotics in patients with schizophrenia in a rural community in South India. Indian Journal of Psychiatry, 62(6), 747.

6. **Padmavati**, R., **Raghavan**, V., Rera, H., Kearns, M., **Rao**, K., **John**, S., & **Thara**, R. (2020). Learnings from conducting mental health research during 2004 tsunami in Tamil Nadu, India. BMC Public Health, 20(1), 1-5.

7. Seshu, U., Khan, H. A., Bhardwaj, M., **Sangeetha, C., Aarthi, G., John, S., ... & Raghavan, V.** (2020). A qualitative study on the use of mobile-based intervention for perinatal depression among perinatal mothers in rural Bihar, India. *International Journal of Social Psychiatry*, 0020764020966003.

8. **Raghavan, V.,** Khan, H. A., Seshu, U., Choudhary, A., **Sangeetha, C., & Aarthi, G.** (2020). Mobile phone usage and willingness to receive mental health support through mobile phones among perinatal mothers in rural Bihar, India. *Asian journal of psychiatry*, 53, 102431.

9. Chandan, A. K., Sridhar, U., Jain, S. G., Ramalakshmi, C. S., **Gopal, S., & Raghavan, V.** (2020). Portrayal of mental health in the newspapers from Chennai: A cross-sectional survey. *Indian Journal of Social Psychiatry*, 36(3), 258.

10. Seshasubramanian, V., **Raghavan, V.**, SathishKannan, A. D., Naganathan, C., Ramachandran, A., Arasu, P., . . . Periathiruvadi, S. (2020). Association of HLA-A, -B, -C, -DRB1 and -DQB1 alleles at amino acid level in individuals with schizophrenia: A study from South India. *Int J Immunogenet*. doi:10.1111/iji.12507

11. **Dhandapani, V. R., Ramachandran, P., Mohan, G., Chandrasekaran, S.,** Paul, V., Pattabiraman, R., ... & Singh, S. P. (2020). Situational analysis of prevailing practices in the management of first-episode psychosis in Chennai, India. *Early Intervention in Psychiatry*.

12. **Dhandapani, V. R., Chandrasekaran, S.,** Singh, S., Sood, M., Chadda, R. K., Shah, J., ... & Madan, J. (2020). Community stakeholders' perspectives on youth mental health in India: Problems, challenges and recommendations. *Early Intervention in Psychiatry*.

13. **Vijaya Raghavan, Dhandapani, Thara Rangaswamy** et al (2020) Situational analysis of prevailing practices in the management of first episode psychosis in Chennai, India,. *Early Intervention in Psychiatry*, 2020,

14. **Vijaya Raghavan, Dhandapani, Thara Rangaswamy** et al, (2020) Community stake holders' perspectives on youth mental health in India : problems, challenges and recommendations. *Early Intervention in Psychiatry* 2020, 1-7.

15. Iracema Leroi, **Sridhar Vaitheswaran,** Saima Sheikh, Nasim Chaudhry, S.P. Goswami, Jahanara Miah,

Mohamed Sakel, Sehrish Tofique & Nusrat Husain on Behalf of the SENSE-Cog Asia Collaboration (Dec 2020) Capacity & capability building for applied dementia research in low- & middle-income countries: Two exemplars from South Asia. *Indian Journal of Medical Research*

16. Bharath Du, **Monisha Lakshminarayanan,** Charlotte Stoner, Murali Krishna, **Sridhar Vaitheswaran,** Mina Chandra, Shaji KS, Aimee Spector, **Thara Rangaswamy** (Nov 2020) Psychometric properties of outcome measures in non-pharmacological interventions of persons with dementia in low-and middle-income countries: A systematic review. *Psychogeriatrics*

17. **Sridhar Vaitheswaran, Monisha Lakshminarayanan, Vaishnavi Ramanujam, Subashini Sargunan, Shreenila Venkatesan** (November 2020) Experiences and Needs of Caregivers of Persons with Dementia in India During the COVID-19 Pandemic—A Qualitative Study. *The American Journal of Geriatric Psychiatry*

18. **Lamech N, Lakshminarayanan M, Vaitheswaran S, John S, Rangaswamy T** (Oct 2020), Support groups for family caregivers of persons with dementia in India (innovative practice. *Dementia*

19. Charlotte R. Stoner, Mina Chandra, Elodie Bertrand, DU Bharath, Helen Durgante, Joanna Klaptocz, Murali Krishna, **Monisha Lakshminarayanan,** Sarah Mkenda, Daniel C. Mograbi, Martin Orrell, Stella-Maria Paddick, **Sridhar Vaitheswaran,** Aimee Spector (July 2020) A New Approach for Developing "Implementation Plans" for Cognitive Stimulation Therapy (CST) in Low and Middle-Income Countries: Results From the CST-International Study. *Frontiers in Public Health*

20. **Srinivasan SP,** Chandrasekaran S. (2020) Transsexualism in Hindu mythology. *Indian J Endocr Metab*; 24:235-6.

21. **Srinivasan SP,** Chandrasekaran S. (2020) Care of transgender individuals in India: A clinical perspective. *Indian J Soc Psychiatry*; 36:284-8.

22. **Hema Tharoor, Rangaswamy Thara.** Evolution of Community Telepsychiatry in India Showcasing the SCARF Model. *Indian J Psychol Med*. 2020 Oct; 42(5 Suppl): 69S–74S.

23. **Thara R & Cohen A**, (2020) Thirty five years of Schizophrenia- the Madras Longitudinal Study. Invited Commentary. Schizophrenia Research <https://doi.org/10.1016/j.schres.2020.03.026>, 2020

24. Govindan R, **Rangaswamy T, John S**, Kandasamy S. Methodology for Development of a Community Level Intervention Module for Physical Illness in Persons with Mental Illness (CLIPMI). Indian Journal of Psychological Medicine. 2020;42(6_suppl):S94-S98.

25. Roberts T, Gureje O, **Thara R, et al** INTREPID II: protocol for a multistudy programme of research on untreated psychosis in India, Nigeria and Trinidad BMJ Open 2020;10:e039004.

26. Roberts T, Morgan C, Gureje O, Hutchinson G, **Thara R, John S**, Cohen A, Lee Pow J, Donald C, Olley B. T241. Incidence And Socio-Demographic/Clinical Characteristics Of Psychotic Disorders In India, Nigeria And Trinidad: Preliminary Baseline Findings From INTREPID II. Schizophr Bull. 2020 May;46(Suppl 1):S324.

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1. Anoop Sankaranarayanan, Robin Pratt , Aparna Anoop, Angela Smith, David Espinoza, **Padmavati Ramachandran**, Srinivasan Tirupati. Serum Lipids and Suicidal Risk among Patients with Schizophrenia Spectrum Disorders: Systematic Review and Meta-Analysis. Acta Psychiatrica Scandinavica. Published on 09 Apr 2021

2. Naren P. Rao, **Padmavati Ramachandran** , Arpitha Jacob, **A. Albert Joseph**, Umesh Thonse, Bhargavi Nagendra , Dona Maria Chako , Sahana Shiri, Habla Hassan , Vamsi Sreenivas , **Sindhu Maran** , Dwarakanath Durgam, Kiruthika Nandakumar Shivarama Varambally. Bangalore N. Gangadhar. Add on yoga treatment for negative symptoms of schizophrenia: A multi-centric, randomized controlled trial. Schizophrenia Research. Published on 05 Apr 2021

3. **Ramachandran, P.**, Kantipudi, S. J., Balasubramanian, S., & **Raghavan, V.** (2021). Cardiovascular diseases and serious mental disorders in India: Evidence, gaps and way forward. Frontiers in Psychiatry, 12, 823.

4. **Raghavan, V., Kulandesu, A., Karthick, S., Senthikumar, S., Gunaselvi, T., Rao, K., ... & Thara, R.**

(2021). Challenges faced by community-level workers in delivering mental health services for a rural community in South India. Indian Journal of Psychiatry, 63(3), 307.

6. Suhas, S., Vandita, S., & **Vijaya, R.** (2021). A Roadmap to Leadership During the Postgraduate Residency in India. Indian Journal of Psychological Medicine, 43(2), 168-173.

7. Graeme Currie, Kamal Gulati, Dimitrios Spyridonidis, **Sridhar Vaitheswaran** (Mar 2021) Distributing leadership for scaling up evidence-based innovation in LMICs: a case for leadership development in India. BMJ Leader

8. Swaran P Singh, Mohapradeep Mohan, Srividya N Iyer, Caroline Meyer, Graeme Currie, Jai Shah, Jason Madan, Max Birchwood, Mamta Sood, **Padmavati Ramachandran**, Rakesh K Chadda, Richard J Lilford, **Thara Rangaswamy**, Vivek Furtado, WIC Consortum. BMJ Open. 2021; 11(6): e046362. Published online 2021 Jun 11. doi: 10.1136/bmjopen-2020-046362

9. **Monisha Lakshminarayanan, Sridhar Vaitheswaran, Nivedhitha Srinivasan, Gayathri Nagarajan**, Ahalya Ganesh, Kunnukatil S. Shaji, Mina Chandra, Murali Krishna & Aimee Spector (Jan 2021) Cultural adaptation of Alzheimer's disease assessment scale-cognitive subscale for use in India and validation of the Tamil version for South Indian population. Aging and Mental Health

10. **Nirupama Natarajan, Sridhar Vaitheswaran**, Maria R. Lima, Maitreyee Wairagkar, and Ravi Vaidyanathan (May 2021) Acceptability of Social Robots and Adaptation of Hybrid-Face Robot for Dementia Care in India: A Qualitative Study. The American Journal of Geriatric Psychiatry

11. Maria R. Lima, Maitreyee Wairagkar, **Nirupama Natarajan, Sridhar Vaitheswaran** and Ravi Vaidyanathan. (March 2021) Robotic Telemedicine for Mental Health: A Multimodal Approach to Improve Human-Robot Engagement. Frontiers in Robotics and AI

12. Lakshmi Vijayakumar, **Sujit John**, and AT Jotheeswaran, (2021) Suicide among refugees: the silent story (chapter 63) , in Oxford Textbook of Migrant Psychiatry edited by D Bhugra . published 04 February 2021. ISBN: 9780198833741

13. **Rangaswamy Thara and Aarthi Raman(2021)**Gender perspectives in migration (Chapter 6), in Oxford Textbook of Migrant Psychiatry edited by D Bhugra . published 04 February 2021. ISBN: 9780198833741

14. Swaran P Singh, Mohapradeep Mohan, Srividya N Iyer, Caroline Meyer, Graeme Currie, Jai Shah, Jason Madan, Max Birchwood, Mamta Sood, **Padmavati Ramachandran**, Rakesh K Chadda, Richard J Lilford,

Thara Rangaswamy, Vivek Furtado, WIC Consortium. BMJ Open. 2021; 11(6): e046362. Published online 2021 Jun 11. doi: 10.1136/bmjopen-2020-046362

15. **Gopal, S., Balasubramanian, S., Venkatraman, L.** et al. Compensatory Cognitive Training—Cultural Adaptation to Persons with Schizophrenia in India. J.Psychosoc.Rehabil.Ment.Health(2021). <https://doi.org/10.1007/s40737-021-00231-x>

YOUTH MENTAL HEALTH

The YMH program was conceptualized to create a sustainable, reproducible, developmentally appropriate and comprehensive program of youth mental health services spanning all levels of care and involving all stakeholders in the care of youth. The years 2020-2021 saw the establishment of several YMH services

- 1.Establishment of a group of individuals who refer to specific clinicians for young people with mental health issues.
- 2.Active engagement with various universities including Madras university in delivering MH literacy on an ongoing basis
- 3.Empowerment of mental health practitioners to engage with school based mental health care
- 4.Research project directed to the youth from the Warwick-India-Canada project
- 5.Research project in collaboration with the citiesRISE program
- 6.Research directed towards the youth in the Juvenile Justice System – JAMS study
7. of the Resource Centre for Youth Mental health by SCARF
- 8.Training and establishment of a Peer Volunteer program at KREA University and other colleges

Acknowledgement of the activities done under the banner of the YMH empowerment activities by the TANKER foundation was a feather in the cap – this reiterates the need and engagement of youth for the cause of mental health amongst children and adolescents



ACADEMICS & TRAINING

Training has always a strong forte for SCARF. As WHO Collaborating Centre for Mental Health Research and Training, we are committed to providing training for various target groups on mental health and disorders and includes, in addition to clinical skills, mental health literacy and communication, psychological first aid, rehabilitation and rigorous internships. The pandemic did not deter the training and several programs were conducted during the period 2020-2021

TRAINING PROGRAMS BY SCARF

S.No	COURSE	TARGET	DURATION
1	Diploma in Mental Health Care and Counseling – in collaboration with NIMHANS	Graduates with an interest in Mental health	One year
2	Short Course in Psychosocial Rehabilitation	Post graduate students of Social work and psychology at MSSW	30 hours
3	Certificate course in Psychosocial Rehabilitation	Practicing mental health professionals	
4	Y4Y Warm line – a peer volunteer training	Young people	1 week
5	PEER SUPPORT Volunteer training with Mentorship	Students of KREA University	8-week training with Mentorship for 1 year
6	Internship	Students of Social work, Psychology, Nursing, OT	Dependent on the graduate course requirement
7	Training in mental Health for Community level workers	1. Self Help Groups for the TN Women's Development Corporation in 7 districts 2. Community coordinators of Tirumala Charities	3 – 5 day programs with reinforcer sessions
8	ESSENCE	Journalists Fellowship – for Senior and Junior journalist	4-week training 1 year
9	Epidemiology and Statistics for Mental Health Research – by the Institute of Psychiatry, London, UK	Research Staff of INTREPID Study	April – June 2020

The post graduate course in Psychiatry - Diplomate of the National Board - accredited to the National Board of Examinations has been an on-going program, with 3 students graduating in the period 2020-2021.

ESSENCE

SCARF in association with Sangath, Bhopal, funded by NIMH, developed a 4 week online free course on Sensitive Reporting of Mental Health, for journalists and media professionals from India, Nepal, Afghanistan and Bangladesh, in English. This was part of the capacity building component of Project ESSENCE which aims at bridging gap between Science and Service. The 4 week course covers basics of mental health, the mental

scenario in the respective countries and challenges in service delivery, guidelines for sensitive reporting and mental health care bill of 2017. The course material consists of presentations, lectures and tests and exercises for every lesson and end of module assessments.

2 batches of 25 working journalists from across the country have completed the course in May -June 2020 and September- October 2020. Fellowships were awarded for journalists for a period of 12 months, funded by NIMH. Between August 2020 and July 2021, 3 senior fellows (2 in English and 1 in Hindi) and 3 regional fellows (1 each in Malayalam, Hindi and English) have successfully completed the fellowship. Around 46 publications have happened through the fellowships.

MEDIA AND AWARENESS

SCARF is dedicated to bringing about a change in public attitudes to mental illnesses and persons with mental health problems. In keeping with our commitment, our annual events to meet the objectives of fighting stigma and discrimination was conducted – with active engagement of the virtual platforms, given the pandemic.

Frame of Mind 2020, SCARF's flagship short film competition was held virtually via Zoom and YouTube on 18th and 19th, December, 2020. The two days had screening of shortlisted short films and two interesting panel discussions. The theme for this year short film contest was "Coping with the new normal", which attracted about 100 national and international entries.

An eminent jury including Dr. Mitchell Weiss (Chairperson), Ms. Lakshmy Ramakrishnan (Director and Actor), Ms. Vinodhini Vaidhyathan (Theatre and Film personality), Mr. Raju Sundaram (Film Director) and Mr. Harsha Koda chose the winning films and the prizes were distributed by Mr. Rajiv Menon (Director and Cinematographer).



The prize winners of the short film competitions were

1st Place – Sandhya by Mr. Tejasvi Kang – Mumbai, India

2nd Place – LaPartida by Mr. David Mora – Madrid, Spain

3rd Place – Two prizes

Far from home by Mr. Mehershah Wadia – Mumbai, India &

Connected by Mr. Jithin Thomas – Bangalore, India

Special Mention – Datsegit – Mr. Aitor Arruti from Copenhagen, Denmark



MEDIA FOR MENTAL HEALTH AWARDS



The 8th edition of SCARF Media for mental health awards went virtual on 26th February 2021. From a total of 40 entries in the various regional languages and English, 5 were chosen for the awards which consists of cash prizes.

The awards were announced by Mr. Seshasayee, Chairman, SCARF in the presence of the jury consisting of Dr. Jaya Shreedhar, Chairperson of the jury and Mr. R. Venkatesh, Editor Pattam and Dr. R. Padmavati, Director SCARF.

English Category

First Place – Tabassum Barnagarwala – The Indian Express

Second Place – Tanishka Sodhi and Abhimanyu

Hazarika – The News Laundry

Third Place – Shreevatsa Nevatia – The Huffington Post

Regional Category

First Place – Narjis Husain – Sehatraag Online

Second Place – Santhosh Sisupal – Manorama Arogyam

Several public awareness talks were delivered on the virtual platforms as well as TV shows. Several articles in various national and regional newspapers carried interviews and articles from consultants and other clinical staff of SCARF. We undertook two surveys on how the general public coped with the pandemic and the findings of both these were published in the Hindu and the Times of India. Dr. Mangala's article "Covid Reality Check drives Mental Health issues closer home" in India Times, Times of India was published to mark the Mental Health awareness week of October 2020.

While a range of topics were addressed at several webinars, the webinar by SCARF and Sangath for journalists on MH reporting during COVID time Related to lockdown "Coping Post Lockdown", "Liberating Lockdown", "Grief and loss" was seen as very timely, given the volume of information that appeared in the print and visual media on the subject. This was well appreciated, especially with the impact of the pandemic on mental health of the population.

VIDEO PRODUCTION

a) 7 videos in Tamil on various mental health issues during Covid times for women SHGs with TNWDC . This is very significant because it aids in the capacity building for various groups of health workers across the states

b) YouTube channel brought out videos of panel discussions with psychiatrists on MH issues related to COVID

c) Video on the awareness on psychosocial rehabilitation as part SCARF's awareness programme.

FINANCE AND ADMINISTRATION

The multi-pronged activities would not have been possible without the strong support of a very efficient finance and administration that SCARF is proud of. These departments have been pillars of support that has held together all clinical, research, training and public awareness campaigns

I would also like to thank the numerous well-wishers who continued to support us through the pandemic year, despite the demands for fiscal resources to support those affected by the COVID 19 pandemic.

We continue to march on - with commitment and vigor towards our goal for a better future for persons with mental illnesses

COMMUNITY

The pandemic and lockdowns stopped all community outreach projects. However, we persisted in reaching out to the communities in the urban and rural areas that we have served, Besides helping our patients with continued mental health services, we also facilitated reaching them to the welfare benefits that the government departments were providing.

Besides this, we ensured that we were able to provide sustenance to our patients especially in remote rural areas, where even daily food was a problem. This was possible by donations received for covid relief from friends and well-wishers. Our community coordinators and field workers. worked hard to reach out to this very vulnerable section of our population.



R. Padmavati

Dr. R. Padmavati
Secretary & Director

BALANCE SHEET

LIABILITIES

PARTICULARS	SCHEDULE	31.03.2021 Rs	31.03.2020 Rs
Corpus Fund	1	5,17,19,010	5,07,19,010
Building Fund	2	3,74,54,050	2,65,94,050
General Fund	3	9,35,81,628	6,96,34,736
Refundable Deposit		17,96,000	22,04,000
Advance & Deposits from clients		30,00,000	30,00,000
Sundry Creditors	4	7,62,331	6,34,605
Funded Projects	5	(6,26,007)	1,10,33,906
Accumulation under section 11(2) of the IT Act,1961	6	-	1,44,74,766
TOTAL LIABILITIES		18,76,87,012	17,82,95,073

Place: Chennai
Dated :

for S.N.S.ASSOCIATES
Chartered Accountants
(Firm Registration No.0062975)
(S.Nagarajan)
Partner Membership No.20899

for SCHIZOPHRENIA RESEARCH FOUNDATION (INDIA)

Dr. R. PADMAVATI
Director

Mr. R. SESHASAYEE
President

AS AT 31st MARCH 2021

ASSETS

PARTICULARS	SCHEDULE	31.03.2021	31.03.2020
		Rs	Rs
Fixed Assets	7	1,75,64,619	1,74,46,242
Work-in-progress		3,23,76,821	1,48,96,677
Investments	8	9,03,00,000	8,93,00,000
Short Term Deposit	8	1,50,00,000	2,60,82,809
TDS on Income	9	2,95,881	8,08,911
Receivables		14,36,263	30,82,984
Interest Receivable	10	35,083	1,83,028
Prepaid Expenses		1,68,416	2,19,184
Advances and Deposits	11	12,85,834	35,26,446
Closing Stock		15,78,353	16,35,748
Cash at Bank		2,76,45,742	2,10,51,654
Cas on Hand		-	61,390
TOTAL ASSETS		18,76,87,012	17,82,95,073

Schedules 1 to 11 form part of this Balance Sheet

Vide our report of even date attached

Place: Chennai

Dated :

for S.N.S.ASSOCIATES
Chartered Accountants
(Firm Registration No.0062975)
(S.Nagarajan)
Partner Membership No.20899

for SCHIZOPHRENIA RESEARCH FOUNDATION (INDIA)

Dr. R. PADMAVATI
Director

Mr. R. SESHASAYEE
President

INCOME AND EXPENDITURE ACCOUNT

INCOME

PARTICULARS	31.03.2021	31.03.2020
	Rs	Rs
GENERAL INCOME		
By Donation U/s. 80G	61,09,562	2,891,000
" Donation	1,25,638	-
" Donation in kind	1	-
" Interest	62,50,358	6,345,084
" Administrative cost from Research Projects	25,88,672	665,829
" Sundry Receipts	5,353	30,975
	1,50,79,584	99,32,888
CLINICAL SERVICES		
" E.C.T. - Fee From Patients	60,500	5,05,000
" E.C.G. - Fee from Patients	31,900	49,600
" Grant From Tamil Nadu Government	15,00,000	15,00,000
Registration Fee From Patients	19,07,300	24,65,300
SCARF - PHARMACY		
" Pharmacy - Income [Net]	26,55,821	36,64,048
" Increase or (Decrease) in Stock -Pharmacy	(81,371)	1,69,927
	60,74,150	83,53,875

FOR THE YEAR ENDED 31st MARCH 2021

EXPENDITURE

PARTICULARS	31.03.2021	31.03.2020
	Rs	Rs
EXPENDITURE		
ADMINISTRATION		
To Salary and Allowances	29,74,350	23,57,005
" Contribution to E.P.F.	1,22,401	1,08,000
" Contribution to E.S.I.	8,766	7,056
" E.P.F. Admin/D.L.I/R.I.F	10,200	9,700
" Gratuity	57,504	1,47,218
" Staff Mediclaim Insurance	34,621	34,621
" Consultant Fees	5,49,720	10,000
" Group Gratuity - Risk Premium	44,378	27,522
" Audit Fees		
" For Statutory	2,36,000	-
" For Local Fund	21,902	21,913
" Admin Expenditure fot Research Projects	1,54,000	-
" Bank Charges	30,926	29,144
" Conveyance	1,34,466	1,96,370
" Sundry Expenses	1,20,686	78,682
" Scarf Book - A Journey of 35 Years	4,42,971	-
" Paytm Commision and GST	-	3,489
" Tally.NET Subscription	12,744	-
	49,55,635	30,30,720
CLINICALSERVICES		
To Salary and Allowances	11,79,192	13,38,144
" Contribution to E.P.F.	70,200	75,993
" Contribution to E.S.I.	1,872	8,844
" Gratuity	25,752	1,79,194
" Drug License Fee	5,053	-
" Local Conveyance - Home Visit	-	5,985
" E.P.F. AdminD.L.I/R.I.F	5,850	6,311
" Insurance - STEP Vehicle	2,575	-
" Clinical Equipment - AMC	60,388	70,991
" Covid relief for M.H.Patients	7,95,333	-
" Electricity & Water Charges	2,15,863	2,14,165
" Electro Convulsive Therapy	26,790	2,65,270
" Free Medicine - O.P.D.	15,91,649	13,84,895
" Inpatient Acute Care Treatment	3,06,800	3,19,270
" Printing and Stationery	6,048	19,296
" Staff Mediclaim Insurance	-	16,529
" Staff Training	-	12,825
" Purchase of Pulse Oximeter & Flow Meter	-	4,144
" STEP - Program Field office rent at Pudukottai	48,000	36,000

INCOME AND EXPENDITURE ACCOUNT

INCOME

PARTICULARS	31.03.2021	31.03.2020
	Rs	Rs
RESEARCH		
" Donations for Research U/S - 35(i)(ii)	53,07,000	43,99,000
" Donation - FCRA	15,36,844	5,33,986
" SCARF & WHO study on Community Engagement Tool Kit	-	62,346
" Cross Cultural Study of Rec. From Schizophrenia	-	4,07,013
" Ethics Review Fee - the University of Melbourne	-	2,39,143
" Research staff salary from Research grant/Res.Centre	84,29,512	45,33,414
" Reimbursement of Air fare - Academy of Medical Science, U.K.	-	38,023
" Contribution - Imperial College for Robotic Study	-	7,73,280
" Dr. Frances Dark, Australia For Compensatory Cognitive Training "	95,020	2,39,200
" Research grant - University of Barcelona , Spain	2,51,612	-
" Research grant - University of Oxford [S.D. & R]	2,04,441	-
" Research grant - CRDF	3,55,776	-
" Overhead Cost from Research Projects	20,47,869	-
	<hr/>	
	1,82,28,074	1,12,25,405

FOR THE YEAR ENDED 31st MARCH 2021

EXPENDITURE

PARTICULARS	31.03.2021	31.03.2020
	Rs	Rs
" STEP Staff Cost - Pudhukottai	10,27,372	-
" Telecommunication	2,83,200	2,83,200
" Volunteer	36,000	36,000
	56,87,937	42,77,056
Balance carried forward	1,06,43,572	73,07,776
RESEARCH		
To Salary and Allowances	1,48,07,535	1,27,49,939
" Contribution to E.P.F.	2,86,200	3,29,552
" Contribution to E.S.I.	7,716	25,683
" Consultant - Dr.R.Thara	12,10,000	2,07,000
" E.P.F. Admin/D.L.I/R.I.F	23,251	27,054
" Gratuity	3,34,728	3,47,738
" Staff Mediclaim Insurance	1,64,002	95,562
" Development of Web - Service - Research	3,22,500	-
" Online Access to Libraries / Journals	20,000	15,108
" Communication & Correspondence	61,060	61,487
" Conference - National	-	1,00,430
" Electricity and Water Charges	1,16,197	1,53,946
" Insurance	22,375	24,498
" I.E.C. Meeting	38,500	62,240
" Lab- Waste Management Charges	24,000	16,000
" ICONS 2020 - Expenses	49,223	-
" Cross Cultural Study of Rec. From Schizophrenia	-	96,000
" Conveyance reimbursement - Psychiatrist	60,000	8,59,000
" Printing and Stationery	91,235	89,258
" Rates and Taxes	2,500	1,62,840
" Research Meeting - International	-	52,674
" Research Project - Maintenance Expenditure	1,26,260	-
" Repairs and Maintenance	6,06,562	4,30,634
" T.N.P.C.B.Licence Fee - 2018-19	17,900	17,900
" Dr. Frances Dark, Australia	65,250	64,962
For Compensatory Cognitive Training	-	61,044
" University of Aberdeen - Workshop	-	24,159
" Fortigate FG 90D Firewall Renewal	41,595	-
" CRDF - Study	40,000	-
" Replication study of 8 Schizophrenia risk loci SNPs identified from Genome Wide Association Studies	-	3,43,412
	1,85,38,589	1,64,18,120
Balance carried forward	2,91,82,161	2,37,25,896

INCOME AND EXPENDITURE ACCOUNT

INCOME

PARTICULARS	31.03.2021	31.03.2020
	Rs	Rs
PSYCHOSOCIAL REHABILITATION SERVICE		
" Grant From Tamil Nadu Government	5,00,000	5,00,000
" Staff salary from Research Project - PIECEs	2,63,296	-
" PSR - Works Unit	65,949	2,33,639
" Increase or Decrease in Stock - Works Unit	(4,918)	(5,872)
	<hr/>	
	8,24,327	7,27,767
Balance carried forward	4,02,06,135	3,02,39,935
 EDUCATION & TRAINING		
" DIP NB (Psychiatry) Course Fees	4,90,000	4,10,000
" Receipt from NBE for Tehnical support of DNB Course Exam	64,100	-
" Diploma course - Mental Health and Counselling	7,05,000	8,55,000
" SCARF - TNVRC Training Prog.	1,50,000	2,36,000

FOR THE YEAR ENDED 31st MARCH 2021

EXPENDITURE

PARTICULARS	31.03.2021	31.03.2020
	Rs	Rs
PSYCHOSOCIAL REHABILITATION / DAY CARE - V.T.C.		
To Salary and Allowances	2,337,484	2,186,257
" Leave Encashment	151,200	147,600
" Contribution to E.P.F.	24,465	30,976
" Contribution to E.S.I.	11,330	12,866
" E.P.F. Admin/D.L.I/R.I.F	87,577	30,067
" Gratuity	48,610	25,113
" Staff Mediclaim Insurance	-	1,774
" Communication & Correspondence PSR		
" Free Transport - Bus TN - 02 AB 1404	150,387	168,440
" Fuel charges	41,745	42,478
" Insurance	50,999	47,000
" Tax - Vehicle	221,379	222,583
" Recreational Expenses- Clients		
" Repair & Maintenance -Vehicle/Bus TN -02 -AB -1404	322,650	342,450
" Works Unit	184,586	328,913
" Incentive to Clients		60,000
" Purchase Materials	3,632,412	3,646,517
EDUCATION & TRAINING		
DIP NB(Psychiatry)Course	2,240,341	1,383,000
To DNB Doctors - Stipend (See Note no.4)	16,500	11,000
" DNB - Formative Assessment fee	354,654	285,943
" NBE - Annual Review Fee	-	-
" Technical Support for DNB Practical /Examination	267,060	154,531
" Diploma Course on Mental Health	-	4,485
" Web Domain Renewal - Service [Scarfedu.Org,	10,000	-
" Training Program Conducted Expenditure	-	36,266
" Workshop - Recent Updates on Schizophrenia	251,113	923,620
	3,139,668	2,798,845
AWARENESS PROGRAM		
To Salary and Allowances	244,638	315,322
" Contribution to E.P.F.	16,200	21,600
" E.P.F. Admin/D.L.I/R.I.F	1,350	1,846
" Gratuity	20,224	-
" Staff Mediclaim Insurance	6,014	-
" Awards	73,800	66,504
" Awareness Program	59,054	30,629
" Frame of Mind	-	288,764

INCOME AND EXPENDITURE ACCOUNT

INCOME

PARTICULARS	31.03.2021	31.03.2020
	Rs	Rs
" Training fee from students	47,500	3,29,163
" Training Program Conducted Colleges / Companies	11,35,364	6,81,350
" Workshop -Scarf & Samarth	-	15,000
	<hr/>	<hr/>
	25,91,964	25,26,513
AWARENESS PROGRAM		
" Award-The K Venkatanaryana Tanker Found Awarness	1,00,000	-
" Contribution for Awareness Program	1,98,805	1,28,925
" Donation - u/S.80G	82,001	-
" Staff salary from Research Project - GDI	2,87,792	
	<hr/>	<hr/>
	128,925	1,28,925
RESIDENTIAL CENTRE		
" Admission Fee	2,19,000	4,10,000
" Inpatient - Bills	2,45,07,316	2,75,86,989
" Donation	1,70,000	11,000
" Dnation u/s 80G	3,74,501	1,62,000
" E.C.G. - Fee from Patients	3,700	9,300
" Interest	20,04,933	17,32,593

FOR THE YEAR ENDED 31st MARCH 2021

EXPENDITURE

PARTICULARS	31.03.2021	31.03.2020
	Rs	Rs
" Website Maintenance Charges	3,16,350	-
" Youth Mental Health Program	42,281	-
	<hr/>	<hr/>
	12,16,871	4,21,280
Balance brought forward	3,41,35,138	3,09,19,256
RESIDENTIAL CENTRE		
To Salary and Allowances		
" Contribution to E.P.F.	1,03,18,002	83,06,209
" Contribution to E.S.I.	5,81,154	5,20,828
" E.P.F. Admin/D.L.I./R.I.F	71,713	95,795
" Professional fee-Sns Associates	48,495	43,490
" Bank Charges / D.D.Chages	11,800	-
" Consultant Fee	27,572	7,000
" Conveyance to Staff	8,21,500	1,59,800
" DNB - Candidate Stipend (See Note no.4)	-	3,24,000
" Electro Convulsive Therapy	21,51,795	-
" Food Expenditure	60,500	3,21,500
" Gratuity	47,52,987	46,31,874
" Incentive to Clients	1,53,082	5,65,179
" Lease Rent	19,400	43,360
" Laboratory Cost	25,400	25,400
" Medclaim Insurance	3,21,823	4,26,740
" Maintenance Cost	88,010	80,909
" Non Treatment Cost [Personal Items]	10,73,256	11,40,107
" Pharmacy Bills	11,65,470	12,77,520
" Workshop - Purchases	30,41,704	31,19,765
" Repair & Maintenance Cost	20,093	65,134
" Security Charges	10,81,474	14,11,206
" Irrecoverable receivables - Written off	3,31,166	3,31,124
	1,50,082	-
	<hr/>	<hr/>
	2,63,16,478	2,28,96,940
Balance brought forward	6,04,51,616	5,38,16,196
" DEMENTIA DAY CARE		
" Staff salary & Allowances	28,67,995	28,67,995
" EPF Contribution	1,01,861	1,01,861
" ESI Contribution	10,918	10,918
" EPF Admin/ DLI / RIF	9,037	9,037
" Gratuity	13,704	13,704
" Communication & Correspondence	1,774	1,774
" Medclaim Policy - Dementia Care	-	-

INCOME AND EXPENDITURE ACCOUNT

INCOME

PARTICULARS	31.03.2021	31.03.2020
	Rs	Rs
" Sundry Receipt	2,500	57,936
" Training center - Work Unit	44,218	79,365
" Profit on Sale of Ambulance at Bmmssk	23,375	(4,604)
" Increase or (Decrease) in Stock	28,892	
	<hr/> 2,73,78,435	<hr/> 3,00,00,313
DEMENTIA CARE		
" Dementia Registration Fee	69,050	84,500
" Donations U/S.80G	22,18,000	-
" Donation - FCRA	24,939	
" Staff salary from Research Project	22,52,646	3,11,644
" Psychotherapy Fee	8,020	5,000
" Dementia Home Visit Fee	-	18,000
	<hr/> 45,72,655	<hr/> 4,19,144
Total Income	<hr/> 7,54,17,787	<hr/> 6,33,14,830

Place: Chennai

Dated :

for S.N.S.ASSOCIATES
Chartered Accountants
(Firm Registration No.0062975)
(S.Nagarajan)
Partner Membership No.20899

for SCHIZOPHRENIA RESEARCH FOUNDATION (INDIA)

Dr. R. PADMAVATI
Director

Mr. R. SESHASAYEE
President

FOR THE YEAR ENDED 31st MARCH 2021

EXPENDITURE

PARTICULARS	31.03.2021	31.03.2020
" Local Travel - Dementia Patients	-	48,850
" Rehab & Recreational Expenses	-	12,300
" Web Domain Renewal -Service [Dementiaindia.Org]	6,30,000	-
" Sundry Expenditure - Dementia	38,073	67,238
" Dementia Centre - Tambaram		
" Rates & Taxes		
" Property Tax - Tambaram Centre	75,179	-
" Water Tax - Tambaram Centre	4,800	-
" Lift License Fee - Dementia Centre	7,500	-
" Building -CMDA Approval Fee	5,000	-
" Training at Scotland - Dementia Staff	-	60,000
" Medicine	-	
	37,65,841	20,75,581
DEPRECIATION		
" SRF - General A/c	7,89,366	8,98,716
" FCRA - A/c	2,68,952	3,43,519
" Residential Centre	6,69,899	7,41,759
	17,28,217	19,83,994
Total Expenditure	6,59,45,674	5,78,75,771

Excess of Income over Expenditure

94,72,113

54,39,059

Vide our report of
even date attached

Place: Chennai

Dated :

for S.N.S.ASSOCIATES
Chartered Accountants
(Firm Registration No.0062975)
(S.Nagarajan)
Partner Membership No.20899

for SCHIZOPHRENIA RESEARCH FOUNDATION (INDIA)

Dr. R. PADMAVATI
Director

Mr. R. SESHASAYEE
President

RECEIPTS AND PAYMENTS ACCOUNT

RECEIPTS

PARTICULARS	31.03.2021	31.03.2020
	Rs	Rs
By Admission Fees	2,19,000	4,10,000
Administrative cost from Research Projects	25,88,672	6,65,829
Award-The K Venkatanaryana Tanker Found Awarness	1,00,000	-
Contribution for Awareness Program	1,98,805	-
Cross Cultural Study of Rec. From Schizophrenia	-	4,07,013
Contribution - Imperial College for Robtic Study	-	7,73,280
Contribution - Dr. Frances Dark, Australia For	95,020	2,39,200
Compensatory Cognitive Training		
Donations for Research U/S - 35(i)(ii)	53,07,000	43,99,000
Donation - u/s 80G	87,85,4064	30,53,000
Donation - FCRA	15,61,783	5,33,986
Donation - General	2,95,639	1,39,925
DIP NB (Psychiatry) Course Fees	4,90,000	4,10,000
Diploma course - Mental Health and Counselling	7,05,000	8,55,000
Dementia Rehabilitation Fee	-	84,500
Dementia Registration Fee from clients	69,050	-
Dementia -Psychotherapy Fee	8,020	5,000
Dementia Home Visit Fee	-	18,000
Ethics Review Fee - the University of Melbourne	-	2,39,143
Electroconvulsive therapy - Fee	60,500	5,05,000

FOR THE YEAR ENDED 31st MARCH 2021

PAYMENTS

PARTICULARS	31.03.2021	31.03.2020
	Rs	Rs
To Salary and Allowances	3,53,84,105	2,89,81,636
Leave Encashment	62,540	-
Contribution to Provident Fund	13,20,216	13,00,202
Contribution to E.S.I.	1,07,513	1,79,423
E.P.F. Admin/D.L.I/R.I.F	1,10,033	1,07,824
Gratuity	6,50,818	14,37,990
Group Gratuity - Risk Premium	44,378	27,522
Consultant Fees	25,93,020	3,76,800
Staff Mediclaim Insurance	3,35,243	2,94,998
Staff Training	-	72,825
Audit Fees		
For Statutory Audit	2,36,000	-
For Others	-	-
For Local Fund Audit Fee	21,902	21,913
Awareness program	1,55,474	1,32,854
Bank Charges	58,498	36,144
Books and Periodicals	20,000	15,108
Conference - National	-	1,00,430
Communication & Correspondence	63,213	70,417
Covid relief for M.H.Patients	7,95,333	-
DIP NB(Psychiatry) Course		
D.N.B. - Doctor's Stipend	21,51,795	22,40,341
" DNB - Formative Assessment fee	14,160	16,500
" Drug License Fee	5,053	-
" Diploma Course on Mental Health	1,99,258	3,54,654
" Electricity & Water Charges	3,32,060	3,68,111
" Electro Convulsive Therapy	26,790	2,65,270
" Electroconvulsive Therapy- charges Inpatients	60,500	3,21,500
" Free Medicine - O.P.D.	15,91,649	13,84,895
" Free Transport to Clients - Fuel Charges	10,618	1,50,387
" Food Expenses - Inpatients	47,52,987	46,31,874
" Cross Cultural Study of Rec. From Schizophrenia	-	96,000
Contribution - Dr. Frances Dark, Australia For	65,250	
Compensatory Cognitive Training		64,962
" University of Aberdeen - Workshop	-	61,044
Fortigate FG 90D Firewall Renewal	41,595	24,159
Replication study of 8 Schizophrenia risk loci SNPs identified from Genome Wide Association Studies "	-	3,43,412
" Insurance	69,753	66,243
Balance carried forward	5,12,79,754	4,35,45,438

RECEIPTS

PARTICULARS	31.03.2021	31.03.2020
" E.C.G. Fee	35,600	58,900
" Grant From Tamil Nadu Government Grant	20,00,000	20,00,000
" Interest	82,55,291	80,77,677
" Overhead Cost from Research Projects	20,47,869	-
" PSR- Works Unit	1,10,167	3,06,808
" Profit on Sale of Ambulance at Bmmssk	23,375	-
" Receipt from NBE for Tehnical support of DNB Course	64,100	-
Exam		
" Registration Fee	19,07,300	24,65,300
" Residential Centre- Client Bills	2,45,07,316	2,75,86,989
" Research grant- University of Barcelona , Spain	2,51,612	-
" Research grant- University of Oxford [S.D. & R]	2,04,441	-
" Research grant- CRDF	3,55,776	-
" Research Grant- for staff salary	1,12,33,246	48,45,058
" Reimbursement of Air fare- Academy of Medical	-	38,023
Sceince,U.K.		
" SCARF & WHO study on Community Engagement	-	62,346
Tool KIT		
" Scarf Pharmacy	26,55,821	36,64,048
" Sundry Receipts	7,853	43,151
" SCARF- TNVRC Training Prog.	7,853	2,36,000
" Workshop- SCARF-Samarth	1,50,000	15,000

PAYMENTS

PARTICULARS	31.03.2021	31.03.2020
Balance brought forward	5,12,79,754	4,35,45,438
To Inpatient Acute Care Treatment	3,06,800	3,19,270
" Incentive to Clients	1,30,850	3,66,010
" ICONS 2020 - Expenses	49,223	-
" I.E.C. Meeting	38,500	62,240
" Lab- Waste Management Charges	24,000	16,000
" Lab Test - Inpatients	3,21,823	4,26,740
" Lease Rent	25,400	25,400
" Local Conveyance	1,94,466	13,85,355
" Non Treatment Cost [Inpatients Personal Items]	11,65,470	12,77,520
" NBE - Annual Review Fee	11,800	10,000
" NBE Technical Support for DNB Practical / Examination	45,546	-
" Maintenance Cost for Residential Centre	10,73,256	11,40,107
" Printing and Stationery	97,283	1,08,554
" Paytm Commision and GST	-	3,489
" Pharmacy Expenses - Inpatients	30,41,704	31,19,765
" Purchase of Pulse Oximeter & Flow Meter	-	4,144
" Purchase of Medicine - U.C.M.H. Camp / Dementia Care	-	6,300
" PSR - Works Unit Purchase of Materials	1,59,819	2,49,720
" Rates and Taxes	59,365	2,13,839
" Research Meeting - International	-	52,674
" Research Project - Maintenance Expenditure	2,80,260	-
" Research grant CRDF - Study	40,000	-
" Recreational Expenditure	40,371	2,33,679
" Repairs and Maintenance	17,89,687	19,12,831
" Scarf Book - A Journey of 35 Years	4,42,971	-
" Sundry Expenses	1,58,759	1,45,920
" Security Charges	3,31,166	3,31,124
" STEP Staff Cost - Pudhukottai	10,27,372	-
" STEP - Program Field office rent at Pudukottai	48,000	36,000
" Training at Scaotland - Dementia Staff	-	60,000
" Tally.NET Subscription [Sl.No. 712248570]	12,744	-
" Telecommunication	2,83,200	2,83,200
" Training Program Conducted NGOs	76,901	2,67,060
" Transport - Dementia Patients	-	48,850
" T.N.P.C.B.Licence Fee - 2018-19	17,900	17,900
" Volunteers Honorarium	36,000	36,000
" Web Domain Renewal -Service	13,22,225	-
" Workshop - Recent Updates on Schizophrenia	-	2,51,113

RECEIPTS

PARTICULARS	31.03.2021	31.03.2020
" Training Fee	47,500	3,29,163
" Training Program Conducted NGOs	11,35,364	6,81,350
" (Increase) or Decrease in Stock- Residential Centre	28,892	3,086
" (Increase) or Decrease in Stock-Works unit	(4,918)	(5,872)
" Increase or (Decrease) in Stock Pharmacy	(81,371)	1,69,927
	<hr/>	<hr/>
	7,54,17,787	4,35,45,438
	<hr/>	<hr/>

Place: Chennai

Dated :

for S.N.S.ASSOCIATES
Chartered Accountants
(Firm Registration No.0062975)
(S.Nagarajan)
Partner Membership No.20899

for SCHIZOPHRENIA RESEARCH FOUNDATION (INDIA)

Dr. R. PADMAVATI
Director

Mr. R. SESHASAYEE
President

PAYMENTS

PARTICULARS	31.03.2021	31.03.2020
" Youth Mental Health Program	42,281	-
" Bad debts - Inpatients Claimed bills	1,50,082	-
" Dementia Centre - Tambaram		
" Property Tax - Tambaram Centre	75,179	-
" Water Tax - Tambaram Centre	4,800	-
" Lift License Fee - Dementia Centre	7,500	-
" Building -CMDA Approval Fee	5,000	-
Depreciation		
" SRF - General A/c	7,89,366	8,98,716
" FCRA - A/c	2,68,952	3,43,519
" Residential Centre	6,69,899	7,30,764
TOTAL	6,59,45,674	5,79,29,241
Excess of Income over Expenditure	94,72,113	53,85,589

Place: Chennai

Dated :

for S.N.S.ASSOCIATES
Chartered Accountants
(Firm Registration No.0062975)
(S.Nagarajan)
Partner Membership No.20899

for SCHIZOPHRENIA RESEARCH FOUNDATION (INDIA)

Dr. R. PADMAVATI
Director

Mr. R. SESHASAYEE
President

PROJECT WISE RECEIPTS AND PAYMENTS

PARTICULARS

31.03.2021

31.03.2020

Rs

Rs

The University of Warwick , England**[From 01.07.2017 To 31..01.2022]**Warwick India CaNaDa PSychOsis Research Group
(WINDSOR)**RECEIPTS**

To Opening Balance	(1,51,773)	(19,93,850)
" Received	1,01,42,459	93,25,122

99,90,686**73,31,272****PAYMENTS****Main Study - NIHR Global Network**

By Staff Cost Main Study - NIHR Global Network	37,77,786	33,94,872
Insurance - Staff	44,412	72,294
Local Travel	4,77,470	5,75,000
Researcher Meeting - WIC	-	3,67,659
Overheads	18,05,619	35,500

SCARF Commisioned Project - NIHR

Communication, Stationery & Printing	24,39,930	23,31,572
Purchase of Hard Disk	12,881	5,405
Developmwnt and printing of Materials	4,900	-
Public Engagement & Awareness Campain	1,882	66,914
Training & Travel	1,38,501	1,98,274
Local Travel - Warwick	7,52,000	1,888
PhD - Support [Ms.Greeshma Mohan]	-	1,40,919
Overheads	7,28,000	2,62,748

PHASE - II [01.02.2021 to 31.01.2022]

Staff cost	5,23,900	5,23,900
Communication & Stationery	12,225	12,225
Indirect Cost - Institutional Overheads	40,000	40,000
Lab Test	1,130	1,130
Local Travel	90,650	90,650
Balance Carried forward	(8,60,600)	(8,60,600)

99,90,686**73,31,272****Kings College London -INTREPID II [From 01.10.2017 To 30.09.2022]**International Research Program on Psychoses In Diverse
setting(INTREPID - II)**RECEIPTS**

To Opening Balance	7,02,781	10,24,081
Received	62,37,940	54,09,875
Reimbursement of PC and Furniture for Chengalpet Medical College	-	1,17,386

69,40,721**65,51,342**

FOR THE YEAR ENDED 31st MARCH 2021

PARTICULARS	31.03.2021	31.03.2020
	Rs	Rs
PAYMENTS		
By Staff Cost	42,38,698	41,54,652
CAPITAL COST		42,38,698
Cubboard	49,52,842	
PROGRAM COST	-	25,800
Ethics		29,535
Field Office - PALBEAR	-	1,23,469
Institutional /administration Cost	38,308	6,29,094
Insurance - Staff	1,99,095	75,816
Insurance - Vehicle	45,148	-
Lab Trst / Cnsumables	2,072	2,03,262
Mobile / Telephone Bill	-	24,717
Participants Payment Intrepid II	26,699	93,187
Participant Travel	1,83,492	64,830
Printing & Stationeries - PALBEAR	2,600	70,909
Researcher Travel - PALBEAR	77,939	10,05,163
Translation Charges	9,58,858	21,750
Balance Carried forward	14,250	3,34,491
	1,06,800	
	66,08,103	69,40,721

Grant - Impreial College, U.K.

[From 01.11.2018 to 30.09.2020]

(Psychosocial Robotic Engagement for Dementia Patients In Developing Nations)

RECEIPTS		
To Opening Balance	3,85,045	(84,047)
Received	-	10,84,740
	3,85,045	10,00,693
PAYMENTS		
By Staff Cost	3,76,882	5,07,873
Conference at Los Angeles, USA/ U.K. Meeting	-	41,508
Patient Compensation	-	1,200
Printing & Stationery	-	36,656
Purchase of USB Headphone with MIC	2,700	-
Staff Mediclaim Policy	-	6,014
Transcription	750	8,000
Local Trave	111	14,397
Zoom Subscription	4,602	-
=		

PARTICULARS**31.03.2021** **31.03.2020****Rs****Rs**

Balance Carried forward

-

3,85,045

3,85,045**10,00,693****Grant -Dept. of Global Health[ESSENCE] From 01.07.2017 To 31.05.2022]**
(Enabling translation of Science to Service to ENhance Depression CarE)**RECEIPTS**To Opening Balance
Received
Interest

-

(1,32,955)

1,44,276

1,31,371

-

1,584

1,44,276**1,35,205****PAYMENTS**By P.I. Honorarium
Administrative Cost
Fellowship
Balance Carried forward

1,34,280

2,28,500

9,996

39,660

1,35,000

(1,32,955)

(1,35,000)

1,44,276**Grant -Florida University Study on MRS**
Brain glutamate levels in treatment responsive and unresponsive first
episode schizophrenia: A magnetic resonance spectroscopy study**RECEIPTS**To Opening Balance
Received

6,24,513

7,54,709

-

-

6,24,513**7,54,709****PAYMENTS**By Clinical Equipments - MRS Study
Equipment Maintenance - MRS Study
Lab - MRS Study
Medicine
Postage & courier
Balance Carried forward

18,450

11,832

-

10,364

46,990

1,08,000

71,460

-

5,582

-

4,82,031

6,24,513

6,24,513**7,54,709**

PARTICULARS

31.03.2021

31.03.2020

Rs

Rs

Grant From Global Dev. Incubator [GDI] From 01.07.2019 To 31.12.2020

Mental Health Literacy and Early Access to Mental Health Care among School

Students Chennai: A Cluster Randomized Trial

RECEIPTS

To Opening Balance

65,85,138

-

Received

1,06,11,016

65,85,138

1,06,11,016

PAYMENTS

By Capital

1,33,600

2,38,500

Computer / Laptop

13,806

-

Furniture & Fixtures

67,650

80,420

ATLAS.Ti Software

80,489

-

STATA Software - STUDENT Single User

33,23,064

18,59,743

Staff Cost

5,31,300

8,87,574

Program Cost

1,86,000

2,94,000

Local Travel

2,42,258

Training Cost

Overheads

1,38,600

1,08,905

E.P.F. Contribution

11,550

39,270

Staff Insurance

3,99,790

5,17,466

Institutional Cost

14,57,031

65,85,138

Balance Carried forward

65,85,138

1,06,11,016

Grant From University College London [Period 01.01.2020 To 30.06.2020]

START (SRtrAtegies for RelaTives) for family carers of people with dementia:

Cultural adaptation and feasibility in India (START-India)

RECEIPTS

To Opening Balance

(2,86,424)

-

Grant Received

28,75,891

25,89,467

PAYMENTS

By Capital

Digital Recorder - 3 Nos - START

-

7,990

External Hard Driveportable HDD - START Project

4,859

-

Purchase of Laptop

63,000

-

Purchase of TAB 6Nos

1,12,800

-

Staff Cost

7,24,050

2,31,650

PARTICULARS**31.03.2021****31.03.2020**

	Rs	Rs
Postage & Courier - START	637	-
Printing Charges for START Strategis for Relatives	34,619	-
Ethics Submission	-	18,000
Reseachers Natioal Travel	(6,596)	9,034
Translation & Transcription	62,800	19,750
Zoom Subscription [No.7001778235 One Year]	46,728	-
M/s. Foundation for Research and Advocay in Mental Health ,MYSORE	15,46,570	
Balance Carried forward	-	(2,86,424)
	25,89,467	

Grant - CitiesRise Phase II [From 01.01.2021 To 31.03.2021]**RECEIPTS**

To Opening Balance	-	
Grant Received	5,56,749	
	5,56,749	

PAYMENTS

By Staff Cost	4,80,000	-
Travel	16,000	-
Indirect cost	60,749	-
Balance Carried forward	-	-
	5,56,749	

Grant - QMUL, LONDON - PIECEs PROJECT [01.09.2020 to 31.08.2024]**RECEIPTS**

To Grant Received	4,90,800	-
	4,90,800	

PAYMENTS

By Computer / Laptop	1,69,250	-
Consumables	14,355	-
Direct Cost	10,008	-
Staff Cost	26,30,639	-
Local Travel	1,046	-
Indirect Cost -(Institutional Cost)	19,47,120	-
Balance Carried forward	(42,81,618)	-
	4,90,800	

PARTICULARS**31.03.2021****31.03.2020****Rs****Rs****Grant - University of Manchester [15.03 to 15.03.21]****RECEIPTS**

To Grant Received

4,70,468

4,70,468**PAYMENTS**

By Staff Cost

58,300

-

Balance Carried forward

4,12,168

-

4,70,468**GRANT FROM JAMSETJI TATA TRUST, MUMBAI [N.C.E. From 01.01.19 to 31.12.19]****Implementation of mental health programme through Tele-Medicine in Tamilnadu****RECEIPTS**

To Balance brought forward

4,044

74,171

Grant Received

-

-

Interest on SB A/c

-

8,099

Grant received for Extension

-

22,44,000

4,044**23,26,270****PAYMENTS**

Extension period Expenditure - 2019

9,93,675

45,667

Personnel

49,621

Program Cost

50,000

Overhead Costs

32,160

Bank Charges

1,24,000

Balance returned to TATA EDUCATION TRUST

18,467

12,42,733

12,67,923**12,88,400****Grant - Department of Bio Technology, G.O.I.****Replication study of 8 Schizophrenia risk loci SNPs identified from Genome Wide Association Studies****RECEIPTS**

To Balance brought forward

-

(5,89,658)

SRF - General Fund

-

3,43,412

(2,46,246)**PAYMENTS**

By Balance Carried forward

-

-

PARTICULARS

31.03.2021

31.03.2020

Rs

Rs

Grant - ICMR [PERIOD FROM 15.03.19 TO 14.02.2022]**Cognitive and Psycho-social Intervention for person with Dementia in Rural India****RECEIPTS**

To Balance brought forward	18,467	-
Grant Received	12,19,238	12,42,733
Interest on SB A/c	16,006	25,190
	12,53,711	12,67,923

PAYMENTS

Personnel		
Contingency	10,78,321	9,93,675
Non - Recurring	11,044	49,621
Overheads	-	50,000
Travel	36,241	32,160
Balance Carried forward	15,571	1,24,000
	1,12,534	18,467
	12,53,711	12,67,923

Grant - ICMR [PERIOD FROM 05.11.18 TO 04.11.2021]**Cognitive Stimulation Therapy (CST) For Dementia****RECEIPTS**

To Balance brought forward	13,01,241	34,58,764
Grant Received	36,34,965	-
Interest on STD & SB A/c	27,271	37,794
	49,63,477	34,96,558

PAYMENTS

By Staff Cost		
Senior Research Fellow	7,01,400	3,27,600
Project Technician 2 Nos	5,94,720	2,04,000
Recurring Expenditure		
Consultancy Charges	-	1,60,000
Contingencies	-	5,183
CST- Training	-	1,565
Ethics Submission	-	5,000
Overheads	18,000	51,190
Participant Reimbursement- Study Participant	-	250
Participant Reimbursement- Qualitative Study	300	-
Printing & Stationery	697	6,433
Rater Training	-	9,544
Translation & Transcription	18,950	27,000
Travel		25,961

PARTICULARS	31.03.2021	31.03.2020
	Rs	Rs
Frame , Mysore	3,49,535	7,54,085
Medical College Hospital, Thrissur	2,92,324	1,98,692
PGIMER-DR.Ram Manohar Lohia Hospital, New Delhi	-	4,18,815
Advance to FRAM, Mysore	10,10,151	95,738
Advance- CST For Dementia, Thrissure	3,86,415	6,78,738
Advance - PGIMER - Dr Ram Manohar Lohia Hos. Delhi	11,42,966	4,73,735
Balance Carried forward	4,48,019	53,029
	35,17,442	34,96,558

Grant - ICMR [PERIOD FROM 16.09.2019 to 15.09.2020]

**Effectiveness of integrated Clinical and behavioral interventions for
Cardiovascular risk management among patients with serious mental disorders
in Psychiatric out patient setting : A multicentric randomized controlled trial**

RECEIPTS		
To Balance brought forward	33,47,518	-
Grant Received	-	34,63,000
Interest on STD / SB ACCOUNT	69,270	54,442
	34,16,788	35,17,442

PAYMENTS

Personnel	3,78,000	1,26,000
Travel	-	43,924
Site & Researcher - ICMR STUDY		
Manipal Academy of Higher Education, Manipal	6,19,600	-
North Eastern Indira Gandhi Reg.Inst of H & Med Sci	6,19,600	-
Sri Ramachandra Institute of Higher Education & Res	6,19,600	-
St.John's Medical College, Bangalore	6,19,600	-
Coordinating Site - Admin Expenditure	9,450	
Balance Carried forward	5,50,938	33,47,518
	34,16,788	35,17,442

SCARF - N.H.M. Tamil Nadu [DMHP FROM 01.07.18 TO 30.06.19]

RECEIPTS		
To Balance brought forward	54,805	(12,745)
" Grant Received	-	2,48,750
	54,805	2,36,005

PARTICULARS

31.03.2021

31.03.2020

Rs

Rs

PAYMENTS

By Staff Cost	-	54,000
Community Mapping- Data Collection	-	67,200
Awareness Stakeholders	-	25,500
Field Visit by Resource Person	-	3,000
Group Discussion Meeting - R.P. From NGO	-	6,000
Miscellaneous Exp. D.M.H.P.	-	9,000
Printing IEC / Traininig Aids	-	500
Resource Person	-	10,000
Supervision Fee - Coordinator	-	6,000
Balance grant returned to N.H.M. T.N.GOVt	54,805	54,805
	54,805	2,36,005

SCARF - N.H.M. Tamil Nadu [DMHP FROM 01.07.18 TO 30.06.19]

RECEIPTS

To Balance brought forward	54,805	(12,745)
Grant Received	-	2,48,750
	54,805	35,17,442

PAYMENTS

By Staff Cost	-	54,000
Community Mapping- Data Collection	-	67,200
Awareness Stakeholders	-	25,500
Field Visit by Resource Person	-	3,000
Group Discussion Meeting - R.P. From NGO	-	6,000
Miscellaneous Exp. D.M.H.P.	-	9,000
Printing IEC / Traininig Aids	-	500
Resource Person	-	10,000
Supervision Fee - Coordinator	-	6,000
Balance grant returned to N.H.M. T.N.GOVt	54,805	54,805
	54,805	2,36,005

Grant-Brio Bliss Life Science P. Ltd - Clinical Trial

[Period 01.07.2019 to 31.12.2020 Extended to 31.05.2021]

RECEIPTS

To Balance brought forward	65,053	-
" Grant Received	1,82,150	3,00,000
" Reimbursement of Lab Investigation fee	77,600	1,47,890
	3,24,803	4,47,890

PARTICULARS**31.03.2021** **31.03.2020****Rs****Rs****PAYMENTS**

Consultant Time	60,000	1,20,000
Ethics	5,000	-
Lab Investigation - Clinical Trial Study	86,940	1,44,815
Institutional Overheads	66,240	62,260
Participant's Compensation	86,750	39,750
Printing , Communication	15,613	16,012
Travel	6,935	-
Balance Carried forward	(2,675)	65,053
	3,24,803	4,47,890

Grant - Science & Tech Dept , GOI (Styam Project)**RECEIPTS**

To Grant Received	10,84,365	-
	10,84,365	-

PAYMENTS

By Balance Carried forward	10,84,365	-
	10,84,365	-

Place: Chennai**Dated :**

for S.N.S.ASSOCIATES
Chartered Accountants
(Firm Registration No.0062975)
(S.Nagarajan)
Partner Membership No.20899

for SCHIZOPHRENIA RESEARCH FOUNDATION (INDIA)

Dr. R. PADMAVATI
Director

Mr. R. SESHASAYEE
President

SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31ST MARCH 2021

PARTICULARS

31.03.2021
31.03.2020
Rs
Rs
SCHEDULE 1 - Corpus fund

Corpus Fund Opening

5,07,19,010

4,69,19,002

Add : Corpus Donation

10,00,000

38,00,008

5,17,19,010
50,719,010
SCHEDULE 2 - BUILDING FUND
RESIDENTIAL CENTRE

Opening Balance - Residential centre

54,04,050

54,04,050

Opening Balance - Dementia Centre

2,11,90,000

-

Add: During the Year Receipt

1,08,60,000

2,11,90,000

3,74,54,050
2,65,94,050
SCHEDULE 3 - GENERAL FUND

Opening Balance

6,96,34,745

6,41,95,675

Add: Excess of Income over expenditure

94,72,113

54,39,061

7,91,06,858

6,96,34,736

 Add: Transfer from Funds accumulated for
Dementia Building fund"

1,44,74,766

-

9,35,81,624

6,96,34,736

 Add: Project fixed assets Capitalized during the year
(See Note No.2)

4

-

9,35,81,628
6,96,34,736
SCHEDULE 4- SUNDRY CREDITORS

Audit Fees Payable

1,10,500

-

MR.K.Chithiraikkani

62,540

50,500

Provision - Printing & Stationery Research

1,302

25,750

Retention [5% From Subha Developer

5,87,989

5,58,355

7,62,331
6,34,605
SCHEDULE 5 -FUNDED PROJECTS

Foreign Currency

1,06,800

3,34,491

Grant- Kings College, London

4,82,031

6,24,513

Grant From University of Florida

(8,60,600)

(1,51,773)

Grant from The University of Warwick , England

(1,35,000)

-

Grant-Dept. of Global Health[ESSENCE]

14,57,031

65,85,138

Grant- GDI Washington

(42,81,618)

-

Grant- QMUL, London[PIECES- Study]

4,12,168

-

Grant- University of Manchester

-

(2,86,424)

Grant- UCL [START]

-

3,85,045

Grant - Impreial College, U.K.

(28,19,188)

74,90,990

TOTAL (A)

PARTICULARS

31.03.2021

31.03.2020

Rs

Rs

Indian Currency

Grant - ICMR [Cognitive and Psycho-Social Interven

-

(343,412)

Grant - ICMR[CST For Dementia]

18,467

1,242,733

Grant - ICMR[DR.R.PADMAVATI]

53,029

2,966,651

SCARF - N.H.M. T.Nadu

3,347,518

Grant-Brio Bliss Life Science P. Ltd Clinical Trial

54,805

(12,745)

Grant - Science & Tech Dept , GOI (Styam Project)

65,053

Jamsetji Tata Trust, Mumbai

4,044

74,171

TOTAL (B)

21,93,181

35,42,916

TOTAL (A)+(B)

(6,26,007)

1,10,33,906

SCHEDULE 6 - ACCUMULATION UNDER SECTION 11(2)

Dementia Care & Support Services of SCARF

24,74,766

-

Accumulation during the year 31.03.2016

24,74,766

-

Less: Spent during the Year

-

24,74,766

Dementia Day Care - Building fund accumulation

1,20,00,000

-

12,000,000

Accumulation during the year 31.03.2019

1,20,00,000

-

1,44,74,766

SCHEDULE 7 - FIXED ASSETS

	WDV AS ON 01.04.2020	ADDITION	SALES/ DELETION	BALANCE	DEPN	WDV AS ON 31.03.2021
Gifted Assets - LAND	10,95,943	-	-	10,95,943	-	10,95,943
Buildings	1,26,39,003	11,99,200	-	1,38,38,203	6,61,931	1,31,76,272
Plant & Machinery	27,07,881	2,69,048	-	29,76,929	7,38,742	22,38,187
Furniture & Fixtures	6,78,597	2,46,769	-	9,25,366	1,34,707	7,90,659
Vehicles	1,24,863	1	-	1,18,239	29,559	88,680
Computers	1,47,476	1,38,201	-	2,85,677	1,31,790	1,53,887
Software	52,479	2	-	52,481	31,488	20,993
	1,74,46,242	18,53,221		1,92,92,838	17,28,219	1,75,64,619

PARTICULARS**31.03.2021****31.03.2020**

Rs

Rs

SCHEDULE 8-INVESTMENTS**Long Term Deposits**

H.D.F.C.LTD, Chennai

9,03,00,000

8,93,00,000

Short Term Deposits

State Bank of India, Chennai

-

75,82,809

ICICI Bank Ltd, Anna Nagar West Extn.

1,50,00,000

1,70,00,000

T.N.S.C.Bank Anna Nagar West Extn.

-

15,00,000

1,50,00,000**2,60,82,809****SCHEDULE 9- Receivables**

T.N.Grant Final Installment of 2019-2020

8,00,000

8,00,000

Receivable - BBLS P LTD

-

34,800

Bills Receivables - Residential centre

6,36,263

22,48,184

14,36,263**30,82,984****SCHEDULE 10-ADVANCES AND DEPOSITS****PUDHUKOTTAI FIELD OFFICE RENT ADVANCE**

Rent Advance - Ms.Karuppayee

-

8,000

Staff Advance

2,20,000

31,690

Advance to Staff for Official

35,000

1,03,255

Lease Rent Advance - Kanchi Mutt For BMMSSK Land

7,200

7,600

Advance - Hyatt Regency Chennai Operating Account A

2,00,000

5,00,000

Advance - Mr.D.Kotteswara Rao [T.N.W.D.C. Training

-

30,000

Advance - M/s. Johnson Lifts Private Limited

-

3,75,000

Advance - M/s.Subha Developer

2,03,023

18,50,290

Deposits

Telephone Deposit

45,700

45,700

Cylinder Deposit

29,850

29,850

Electricity Deposit

1,96,661

1,96,661

Cable T.V.Deposit

10,000

10,000

Dementia Centre Drainage Deposit

3,38,000

3,38,000

Deposit with Hathway for Broadband Internet Connect

400

400

12,85,834**35,26,446****SCHEDULE 11- CASH AT BANK**

Andhra Bank 8253

-

2,09,860

Andhra Bank - 8254

5,43,326

2,45,567

ICICI Bank [SB A/c No.039501002824]

1,39,00,636

47,26,072

ICICI Bank - ICMR SB 039501004463

4,48,019

53,423

PARTICULARS**31.03.2021****31.03.2020****Rs****Rs**

ICICI Bank A/c.No.039501004554	1,12,534	61,569
ICICI Bank A/c. No.0395501004553	5,50,938	33,56,968
IOB 11983	20,774	1,98,594
State Bank Of India [SB A/c No.10408452598]	10,89,878	41,40,893
State Bank Of India [CA/c No.34952526255]	14,46,024	4,80,407
State Bank Of India [C A/c No. 36523006933]	2,27,278	1,38,665
State Bank Of India [CA/c 36134201256]	4,94,606	4,41,131
State Bank of India - SB A/C 10408452643	21,94,347	35,61,501
State Bank Of India - CA No.39839996848	15,784	-
State Bank Of India - CA NO.39839997808	99,644	-
State Bank of India - 31137657700	-	4,044
T.N.S.C Bank [SB A/c No.205056337]	22,24,430	18,60,996
T.N.S.C.Bank - SB.A/C.250506326	1,02,000	3,03,443
T.N.S.C Bank A/C 700056093	41,75,524	12,68,521

2,76,45,742**2,10,51,654****Place: Chennai****Dated :**

for S.N.S.ASSOCIATES
Chartered Accountants
(Firm Registration No.0062975)
(S.Nagarajan)
Partner Membership No.20899

for SCHIZOPHRENIA RESEARCH FOUNDATION (INDIA)

Dr. R. PADMAVATI
Director

Mr. R. SESHASAYEE
President

Notes Forming Part of Financial Statements For The Year Ended 31st March 2021

Organisation Background

Schizophrenia Research Foundation (India) ("the Society") is registered under the Tamil Nadu Societies Registration Act, 1975 bearing Registration S.No.24 of 1984. The object of the Society is the treatment & rehabilitation of the mentally ill, Research, teaching & Training, Public awareness to remove the stigma of mental illness, Community mental health. The Society is also registered. Under section 12AA of the Income tax Act, 1961. ("The Act") The Society has obtained the exemption under section 35(1)(ii) of the Act for the donations received for carrying out scientific research and under section 80G of the Act for the general donations received. The Society is also registered under the Foreign Contribution Regulation Act, with Registration No.075900399 and the same is valid up to 30th October 2021.

Significant Accounting Policies

a) Basis of Accounting

The society generally follows mercantile system of accounting except for the funds received to implement projects which are accounted on receipt basis.

b) Use of Estimates

The preparation of the financial statements in conformity with generally accepted accounting principles requires the Management to make estimates and assumptions in order to arrive at the reported amounts of assets and liabilities and the reported income and expenditure during the year. The Management believes that the estimates used in the preparation of the financial statements are prudent and reasonable. Future results could differ from these estimates and the differences between the actuals and the estimates are recognized in the periods in which the actual amounts are known/materialize.

c) Building Fund

The amounts collected from inpatients towards Building

Fund and the donations received specifically for Building Fund, which were included in General Fund upto 31.03.2016, have been classified separately in the Balance Sheet. Buildings Constructed out of such funds are Capitalized under Fixed Assets. The Depreciation on such assets attributable to the use of the Fund is adjustable against the depreciation for the Year.

d) Fixed Assets

- i) All Fixed Assets are stated at cost less accumulated depreciation/amortization and impairment losses, if any. Cost of acquisition includes taxes, duties, freight and other incidental expenses relating to acquisition and installation.
- ii) Fixed Assets funded/purchased out of specific projects/grants, are capitalized at a nominal value of Rupee one only.
- iii) Fixed Assets gifted to the Society are capitalized at a nominal value of Rupee one. The expenses in connection with the registration are also capitalized and depreciated in accordance with the accounting policy of the Society. The fair values of the assets gifted are disclosed by way of a note in the accounts.

e) Depreciation

Depreciation of fixed assets has been provided on written down value basis at the following rates:

NATURE OF ASSETS	PERCENTAGE
Office Equipment	25%
Medical Equipment	25%
Furniture & Fittings	15%
Electrical Installation	25%
Kitchen Equipment	25%
Vehicles	25%
Building	5%
Linen and Bedding	33.33%
Computer	60%

f) Income recognition**i) Grants and donations**

Donations are accounted for in the year of receipt. Government Grants are accounted for, on becoming due or on being sanctioned, whichever is earlier.

ii) Grants for specific/funded projects

Grants received for specific projects/funded projects are credited to the respect project fund account. The direct expenditure incurred for carrying out these projects is charged to the fund account. Indirect expenses are allocated to the respective projects on the basis of the internal documents and project documents and credited to the respective expenditure in the Income and Expenditure Account.

iii) Interest

Interest on deposits/investments is accounted for on accrual basis.

iv) Billing to clients/inpatients

Billing to clients/inpatients is being accounted for on due basis.

g) Income tax

The Society is exempt from income tax under section 12AA of the Income tax Act, 1961 and hence no provision for taxation is considered necessary. Since the Society is exempt from income tax, no deferred tax asset/liability is required to be recognized in respect of timing differences.

2. The value of fixed assets funded/purchased and charged off to the respective project accounts in earlier years have been capitalized at nominal value of Rupee one & credited to general fund.

3. During the year ended 31st March 2018, a donor had donated land and building to the Society. The said land and building have been capitalized at a nominal value of Rupee one only. The expenses incurred for the registration of the gift have been capitalized. The fair value of the property on the date of gift as per the registered document is Rs.1,32,00,000/-.

4. Since the services of Students undergoing DNB had been utilized for Residential Centre during the year, the stipend paid to them is accounted as an expenditure of Residential Centre.

Place: Chennai

Dated :

for S.N.S.ASSOCIATES
Chartered Accountants
(Firm Registration No.0062975)
(S.Nagarajan)
Partner Membership No.20899

for SCHIZOPHRENIA RESEARCH FOUNDATION (INDIA)

Dr. R. PADMAVATI
Director

Mr. R. SESHASAYEE
President

LIST OF MEMBERS

We thank the following donors for their generous contribution during 2020 - 2021

DONATIONS	RUPEES
Mrs R Manonmani	22,00,000/-
M/s Sundaram Finance	25,00,000/-
Mr R Kuppuswamy	5,00,000/-
Mr Sreekant S Mehta	5,00,000/-
Mr Narayanaswamy	3,00,000/-
Dr R Padmavati	2,96,000/-
M/s Access Healthcare Services	2,50,000/-
Mrs Chellammal Narayanaswamy	2,00,000/-
Ms Charanya Subramanian	2,00,000/-
Ms Anuradha Sivakumar	2,12,000/-
Dr M Suresh Kumar	1,50,000/-
M/s Depenning & Depenning	1,50,000/-
M/s Sree Sarita Jain Foundation	1,25,000/-
Ms B Suhavana	1,18,000/-
Dr Suryalakshmi Chellapillai	1,10,000/-
Mr Dhinakaran Pillai	1,00,000/-
M/s Saraswathi Educational Trust	1,00,000/-
M/s Chatnath Trust	1,00,000/-
Mr S Viswanathan	1,00,000/-
Mr Ranga Prasad	1,00,000/-

TAX EXEMPTION

Donors can avail exemption

1. 100% under section 35(1) (ii) towards Scientific Research
2. 50% exemption under section 80G

STAFF OF SCARF

We have a good team of mental health professionals involved in the day to day functioning of SCARF. Although there is a small percentage of turn over, each year, the team is a highly spirited group. Working in the field of rehabilitation of chronic mental illness can be fraught with frustration at the slow progress made. A residential care facility position can be even more difficult with the multitude of administrative and clinical issues that crop up frequently. Yet, the staff is highly motivated to provide quality care to the patients seeking help at the center.

The present team is as follows:

Chair & Mentor

Dr. R.Thara

Clinical Psychologist

Ms. G.Subhashini

Ms. Gayathri Nagarajan

Ms Shreenila

Director

Dr. R.Padmavati

Case Manager

Ms. Sonia Sims

COMMUNICATION EXECUTIVE

Ms. Sruthi Mohan

Joint Director HR & Research

Mr. Sujit John

Ms. Hepsiba Omega Juliet

Ms. Rabiya Syed Ahamad

Mr. Immanuel Darshan

Research Projects

Mr. J.R.Aynkaran

Ms. Sangeetha

Mr. S.Karthick

Mr. A.Kulandesu

Mr. P. P. Syjo Davis

Ms. K. Krishna Priya

Mr. P. Manikandan

Ms. U. Vijayalakshmi

Ms. Guhapriya

Ms. B. Abirami

Ms. Jothilakshmi

Chief Administrative Officer

Mr. R.Venkataraman

Assistant Director

Dr. R.Mangala (Awareness)

Dr. T.C.Ramesh Kumar (Education)

Ms. P. Karpagavalli (Clinical)

Mr. D.Kotteswara Rao

(Community Mental Health)

Ms. M.Renuka (Finance)

Dr Sridhar Vaitheswaran (DEMCARES)

Psychosocial Rehabilitation

Co-ordinator

Ms. Jainey Joseph

Statistician

Mr. A.Albert Joseph

Rehabilitation / VTC

Mr. K.Chithiraikani

Ms. N. Kiruthika

Mr. A.H.Raji

Ms. T.Renuka

Consultant Psychiatrists

Dr. Shantha Kamath

Dr. G.Aarthi

Dr. T.C.Ramesh Kumar

Dr. Hema Tharoor

Dr. S. Shiva Prakash

Dr. R.Mangala

Dr. Lakshmi Venkataraman

Dr. D.Vijayaraghavan

Dr. M. Sindhu

Dementia Care

Dr. Sridhar Vaitheswaran

Dr S Subashini

Dr. R.Vaishnavi

Ms. B.Suhavana

Ms Nirupama Natarajan

Ms. Saraswathi

Ms. Nivedhitha

Assistant Administrative Officer

Ms. V.Subhashini

Administration

Ms. K.Amutha

Ms. V. Mallika

Ms V. Rogini

Ms. C.Premalatha

Project Coordinator

Ms .M.Greeshma

Mr. M.Palani
Ms. R.Manju
Ms. P.Saraswathi
Ms. G.Latha
Mr. D. Vinothkumar
Ms. G. Satyapriya
Ms. R. Sivagami
Ms. M. Samundeeswari

Residential Centres

Bhavishya Bhavan – Thiruverkadu

Ms. A.Omana
Ms. Vanithamani
Ms. R.Vimala
Ms. C Chandira
Ms. Mohana
Ms. V. Kalaveena
Ms. Prema
Ms. P.Vasanthi
Ms. M.Vasanthi
Ms. Lakshmi
Mr. Mani
Mr . Selvakumar

B.M.M.S.S.K., Mamallapuram

Mr. Bagavathiraj
Mr. S.Senthil Kumar
Mr. Rajesh
Ms. S.Shanthi
Ms. S.Rani
Mr. Pachammal
Ms. Anjalai
Mr Chinnapaiyan

Dr.Sarada Menon Centre, Chennai

Ms. Saroja Sahayarani
Ms. Rathika
Ms. Anushya
Ms. Anbukkarasi
Ms. Pathimuthu
Ms. T .Gunaselvi
Ms. Kasthuri
Ms. Lalitha
Mr. Thirumal

Pharmacy

Ms .P.Kanchana
Mr. A.Venkatesh
Mr. S.Vellivel
Ms. T.Haripriya

Tata Project:

Mr. D.Sekar
Ms. M.Ambika
Ms. M.Bhuvaneswari
Ms. R.Jothi
Ms. S.Kavitha
Ms. T.Latha
Ms P.Jayanthi

