



**INSTITUTE OF HUMAN BEHAVIOUR
AND ALLIED SCIENCES
DELHI - 110095**



**Annual Report
2014-15**



ANNUAL REPORT 2014-15

**INSTITUTE OF HUMAN BEHAVIOUR AND ALLIED SCIENCES
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FROM THE DIRECTOR'S DESK

The Hospital for Mental Diseases, Shahdara was converted to 'Institute of Human Behaviour and Allied Sciences (IHBAS) by a Supreme Court order in response to public interest litigation in 1993. Since then IHBAS has come a long way in its journey of transforming custodial care setting to modern neuropsychiatric institute and today is one of the largest super specialities tertiary care centres in Delhi dedicated exclusively to neuropsychiatric and behavioural illnesses.

The institute is progressing steadily to achieve its objectives, which are:

- To provide high quality super specialty health care using state-of-art technology in mental health, neurosciences, behavioural and allied sciences
- To conduct research of high standard in the field of mental health, neurosciences and behavioural sciences
- To provide comprehensive training for MD, DM, M Phil and Ph D courses in field of mental health, neurosciences and behavioural sciences and research activities on current interest

Strengthening of different departments of the institute with a view to improve the quality of services has been our constant endeavour and this was further emphasized and strengthened with

introduction of National Accreditation Board for Hospital and Healthcare providers (NABH) in IHBAS. The NABH process for quality assurance and the guidelines further helped the faculty and staff to improve their understanding to match the quality standards for patient care

Today it is a privilege for us as an institute to share that NABH accreditation has been accorded to IHBAS for the second time in 2015. This is a significant milestone achieved by the institute as a part of the larger picture of expansion and quality assurance of health services in Delhi. Starting from a Hospital for Mental Diseases, IHBAS today is a specialty hospital in the combined fields of mental health and neurosciences with active outpatient services, emergency care and ICU services with a fairly complex mosaic of services on the identified theme of "Brain-Mind Problems and Their Solutions". The hard work of the faculty and staff has made IHBAS the first and only specialty neuroscience and mental health hospital across Government or private sectors in the country to get NABH accreditation.

IHBAS as an apex neuropsychiatric institute has been continuously working to expand the patient care services beyond the hospital based care to community. This has been achieved through the community outreach services in various parts of Delhi, the awareness campaigns, active liaison with the NGOs, user and carer groups, RWAs and sensitization programme to facilitate involvement of the various stakeholders. In addition community oriented programmes, programmes for school children such as poster competition, workshops, symposia were organised to

increase the awareness about positive mental health for prevention of neuropsychiatric illnesses and the facilities available at the institute.

IHBAS as an institute was fortunate enough to be provided a thorough appraisal by National and International organizations and agencies that visited the institute during 2014-15.

It is worth appreciating that the faculty of IHBAS besides contributing towards the patient care, teaching and administrative duties, is also actively involved in the research both in the basic and applied fields. The research programmes run at IHBAS have been funded by reputed National as well as International funding agencies. Various clinical trials are also going on in the Institute which would contribute towards effective management of the diseases.

Various academic activities were undertaken in the institute during the current year. The teaching and training for MD (Psychiatry), DM (Neurology), M.Phil. (Clinical Psychology) and the undergraduate and post graduate student teaching in Clinical Psychology, Psychiatric Social work and Psychiatric nursing continued.

This report gives a description of the achievements made by the institute in different fields during the year 2014-15.

Dr Nimesh G Desai
Director

Activities at IHBAS

- **Brain awareness week**
- **Mental health awareness Week**
- **World no tobacco Day Programme**
- **Epilepsy Week**
- **Stroke Awareness week**
- **Dementia Day**

Academic Programme at IHBAS

- **DM(Neurology)**
- **MD(Psychiatry)**
- **M.Phil(Clinical Psychology)**

Vision

The vision of Institute of Human Behaviour and Allied Sciences is to be one of the leaders in the country and in the world for promoting mental health, neurosciences, behavioural and allied sciences through multidisciplinary patient care in partnership with communities, developing future group of professionals and paraprofessional leaders through formal and semiformal training programmes and expanding scientific knowledge and its application through frontline research.

Mission

The mission of Institute of Human Behaviour and Allied Sciences is to advance the mental and neurological health of populations by practicing evidence based multidisciplinary scientific health care approaches that are novel, adaptive, and ethical, conduct research of high standard and develop human resource in these fields. The institute adheres to quality assurance, integrating into practice the prevailing norms for human rights and diverse value systems of persons and populations while accomplishing this mission.

Quality policy statement

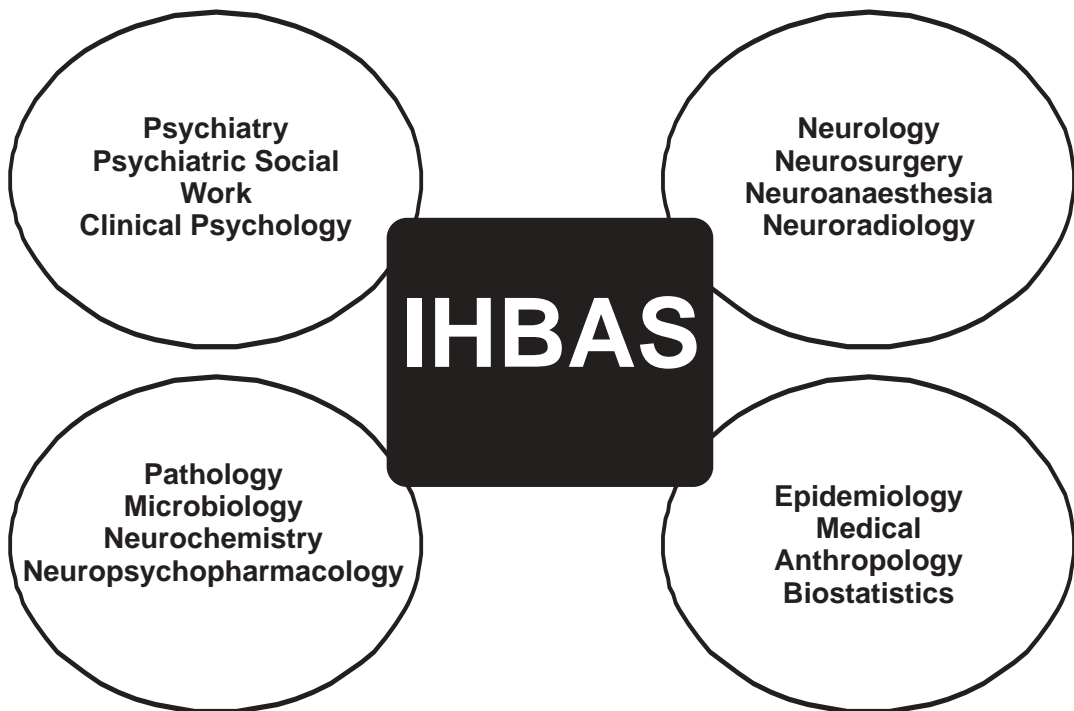
IHBAS is committed to provide Health Care par excellence. This would be achieved through:

- Complying with National and International Quality standard
- Working within the framework of Regulatory requirement
- Up gradation of Technology and Facilities on regular basis
- Training the manpower in the relevant discipline
- Continuous Quality improvement, and
- In the process, striving to enhance both staff and user satisfaction level

Aims and Objectives

- To provide high quality super specialty health care using state-of-art technology in mental health, Neurosciences, Behavioural and Allied sciences.
- To conduct research of high standard in the field of mental health, Neurosciences and Behavioural sciences.
- To provide comprehensive training for MD, DM, M. Phil. & Ph.D courses in field of mental health, Neurosciences and Behavioural sciences and research activities on current interest.

These activities are carried out through a multidisciplinary approach by the faculty and staff of the following departments:



A Major Milestone achieved this year

NABH re-accreditation: IHBAS is the first Mental health and Neurosciences institute in the Government sector in the country to be given NABH accreditation in February 2012. This is a significant milestone achieved by IHBAS as a part of the larger picture of expansion and quality assurance of Health Services in Delhi by the Government of NCT of Delhi. To our knowledge, IHBAS is the fourth Government hospital in the State to achieve this milestone. This has been possible with collective and participatory effort by all categories of staff at IHBAS and with active support from the Government of Delhi at all levels. The institute is grateful for all the support from the Government of NCT of Delhi and is glad to have contributed to the overall improvement of the health services in Delhi.



Institute at a
Glance

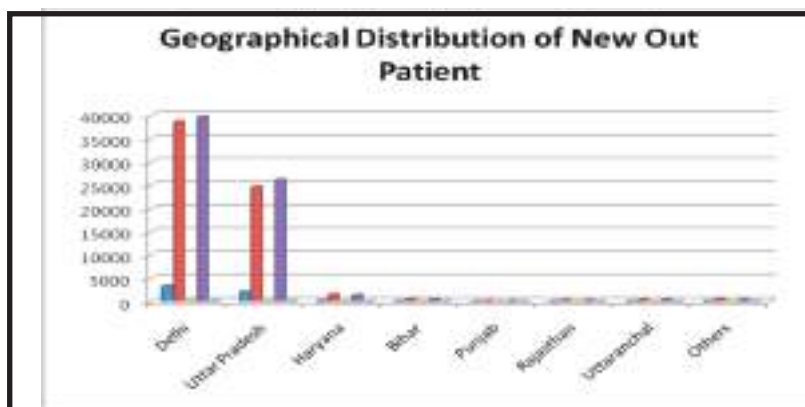
Institute at a glance

Institute of Human Behaviour and Allied Sciences is one of the largest super specialties tertiary care centres in Delhi for dealing with psychiatric and neurological illnesses, to intervene in neurosurgical problems with equal emphasis on teaching, training and research. Institute provides holistic care to patients through multidisciplinary approach where patients are attended on by a team of experts. It involves not only patient care but also includes rehabilitation, educating caregivers and the community. The following is an account of patient care services provided by IHBAS during this year.

HOSPITAL SERVICES

Out Patient Services

The institute is one of the largest tertiary care centres for neuropsychiatric diseases in North India. In the calendar year 2014, 420471 patients availed the outpatient services comprising of 68240 new and 352231 follow up cases. There was a 4.54% increase in the total number of patients attending OPD as compared to the patients who availed the services last year. Around 58.02% of the new cases were from Delhi and the rest from the neighbouring states (see figure below). On an average, 1421 patients attended the OPD per day, of which 1190 patients were old and 231 were new cases.



There are eleven registration counters in the OPD block to reduce the waiting time including counters for senior citizens and disabled patients, jail and court cases, female patients and the patients from the staff.

Specialty Services

Apart from routine OPDs in the morning hours, special clinics are conducted in the afternoon for patients who require special attention and comprehensive approach for different disorders.

- **Child and Adolescent Psychiatric Clinic:** This clinic is held every Monday to provide services to the psychiatric and behavioural problems in children up to 18 years of age as well as counselling for school-related problems. During the year, 9943 children and adolescents attended the Child and Adolescent Psychiatric Clinic (CAPC). As and when required, parents are also involved in the treatment of their wards. Child counselling services are a regular feature of this clinic.
- **Mental Retardation Clinic:** This multidisciplinary clinic was started in December, 1999 and is held on every Wednesday afternoon. Information regarding medical, family and social needs of the mentally retarded children is imparted to their parents by organizing special parent training programmes. The clinic also meets the need of such children for certification, required for special schooling and disability benefits. In the current year, total of 11917 patients availed the services through this clinic.
- **Marital and Psychosexual Clinic:** This clinic is held every Friday afternoon to offer services to the patients suffering from psychosexual and marital problems. Patients are jointly managed by psychiatrists and clinical psychologists. A number of patients attending the services have sexual misconception or myths; they respond well to sex education

and counselling. Other common disorders include impotence and premature ejaculation. Various treatment modalities are used such as medication, counselling and behaviour therapy. In the current year, total of 1289 patients availed the services through this clinic.

- **Tobacco Cessation Clinic:** This clinic is part of a national tobacco cessation initiative by the Ministry of Health and Family Welfare, Government of India, and the World Health Organization. The Institute was recognized as the national coordinating and resource centre for the project. This clinic is held on Monday, Wednesday and Friday afternoon. On an average, 7-8 patients are evaluated by a multidisciplinary team. The patients are offered both, pharmacological and non-pharmacological support, with emphasis on counselling and behavioural management. This year 659 patients utilized the services of the clinic.
- **Neurobehaviour Clinic:** This clinic is held every Friday afternoon. This clinic deals with patients, especially the elderly, who have cognitive and behavioural abnormalities. Such patients are evaluated by a team of neurologists, psychiatrists, clinical psychologists and psychiatric social workers. Besides giving medical treatment to the patients, special attention is given to the care givers to improve their understanding of the nature of the disease. They are guided to take better care of the patients and themselves. The ultimate goal of the support group meeting and the multidisciplinary team is to impart awareness and coping skills to patients with dementia and their families. During the current year 786 patients attended this clinic.
- **Drug Abuse Treatment Clinic:** This clinic is held every Wednesday and Friday afternoon. It provides service to the patients with problems of drug abuse and alcoholism. This

clinic is attended by the patients abusing smack (heroin), alcohol, cannabis (bhang, ganja, etc.) The majority of patients come on their own or are brought by their family members. Such patients are evaluated and treated by a multidisciplinary team composed of psychiatrists, clinical psychologists and psychiatric social workers. 7048 patients attended this clinic during the year. The patients are admitted for four to six weeks for comprehensive indoor treatment depending of the clinical and psychosocial needs.

- **Movement Disorder Clinic:** This clinic is held every Wednesday afternoon. Services are provided to patients suffering from movement disorders like Parkinson's disease, dystonia, progressive supranuclear palsy, tremors etc. Advance treatment like botulinum toxin injections are given to the patients with focal dystonia. 939 patients attended the clinic during this year.
- **Epilepsy Clinic:** This clinic is held every Tuesday afternoon. It is conducted for chronic epileptic patients, children and women with epilepsy. Special attention is given to these groups of patients in order to manage their epilepsy and psychosocial problems, and to improve their awareness. Epilepsy support groups are formed in which these patients interact with each other about their psycho social problems, and they are guided by the clinical psychologists and psychiatric social workers. 1148 patients attended the clinic during the current year. The endeavour, essentially, is to remove the stigma and reduce the treatment gap in epilepsy.

In - patient Services

The total numbers of sanctioned beds in IHBAS are 500. The current number of functional beds is 347. The distribution of beds in various departments is as follows:

- Department of Psychiatry 260 beds
- Department of Neurology 54 beds
- Department of Neurosurgery 22 beds

In the year under report, the total number of patients admitted was 3892. Of these, 1493 patients were admitted from OPD and 2399 through emergency.

Emergency Services

The Institute offers 24-hour emergency services in both Psychiatry and Neurology. Senior residents from Psychiatry and Neurology are on call round-the-clock. 33305 patients availed the emergency services during the year under report. In addition to the clinical emergency services, emergency laboratory is providing its services since its inauguration on 7th May 2010. Various haematological and biochemical tests are being performed in the emergency laboratory



Diagnostic Services

The Institute has well equipped laboratories providing specialized facilities including intra-operative reporting of CNS tumours, histopathology reporting of CNS tumours, muscle and nerve biopsies, Real time Polymerase Chain Reaction (RT-PCR) for estimation of HIV viral load and Mycobacterium tuberculosis genome in cerebrospinal fluid, therapeutic drug monitoring, biochemical investigations for inborn errors of metabolism and electrophysiological tests in addition to routine diagnostic investigations.



Radiology services in the form of 3.0 Tesla MRI, CT Scan, Colour Doppler, Digital Subtraction Angiography, Ultrasound and X-Ray. As of now, IHBAS is the only government Institute in Delhi to have a 3.0 Tesla MRI.



Emergency Laboratory

The emergency lab was inaugurated on 7th May 2010 by Dr Kiran Walia. The Lab is engaged in providing high quality diagnostic services. The aim of Emergency lab is to provide quality results of critical tests in minimum turn around time to facilitate early diagnosis and monitoring of various neuropsychiatric disorders.

Scope of Services

Essential and critical investigative facilities available in Emergency Lab are blood glucose, serum electrolytes –sodium, potassium, total calcium, blood urea, serum creatinine, serum ammonia, CSF glucose and protein, creatinine kinase – total, CK-MB, Gamma glutamyl transferase (GGT), serum lithium, haemoglobin estimation, TLC, DLC, ESR, PS for malarial parasite and platelet count.

Patient care Services

The Emergency lab performs various biochemistry and haematology investigations after routine hours on all working days and round the clock on Sundays and Gazetted holidays on patients admitted in Emergency, ICUs and wards of IHBAS for treatment. During the year 25750 tests were done on 7227 patients.



To achieve precision and accuracy of results, the lab has been participating in External Quality Assurance programme run by CMC

Vellore in clinical biochemistry and by AIIMS in Haematology. There is daily monitoring of internal quality controls as well for detection and minimization of immediate errors.

Teaching and training

The Emergency lab actively participates in the teaching and training programs at IHBAS. It is also involved in teaching and training of Lab staff and senior residents through group discussions, MCQs and power point presentations.

Future plans (immediate)

- Full Automation of Emergency lab.
- Introduction of more biochemistry tests (SGOT, SGPT, Serum bilirubin) and hematology tests (Absolute neutrophilic count, absolute eosinophilic count, Peripheral smear, Reticulocyte count).
- To lay emphasis on research activity.

Community Outreach Services

In an effort to enhance community awareness of psychiatric and behavioural disorders, community outreach programmes have been undertaken to deliver the neuropsychiatric services to the doorstep of patients. The community outreach services help to create awareness in the public regarding neuropsychiatric disorders and remove the stigma and myths associated with mental illness.

Community outreach services were held regularly in the year of assessment (2014-15) at Jahangir Puri and Chattarpur, and mobile health clinic for homeless near Jama Masjid. There was an overwhelming response with 2384 patients attending the Jama Masjid clinic. At Jahangir Puri, 10869 patients attended, while 5917 patients attended the outreach clinic at Chattarpur village. From

these outreach clinics, further outreach has been initiated at Missionaries of Charity at Majnu ka Tila, Bhatti mines and Sudinalaya which is an NGO - run centre at Ashram. A large number of psychiatric disorders are managed at these community services. The common problems reported by the patients attending these services include depression, anxiety depression, obsessive compulsive disorders, other anxiety disorders, dissociative disorders, schizophrenia, bipolar illness, post-partum psychosis, dementia and substance abuse. Mental retardation and children with anxiety, depression, hyperactivity disorders, enuresis, learning disability and other developmental disorders are also reported in these community clinics & given treatment & counselling services.

Outreach services for homeless mentally ill persons: These services were started in September 2000, in the walled city area of Delhi. Catering to the physical and mental health needs of this group is fundamental to the efforts of betterment of the quality of life of these homeless people.

A mobile health clinic was started in September, 2000 by the HIGH partners, run at Urdu Park, Jama Masjid twice a week on Monday and Thursday by a team of psychiatrists; physicians; postgraduate psychiatry students as part of their community psychiatry training; members of NGO's like AAA, Youth Reach, Sahara and volunteers of the homeless community. Later, HIGH started a once-a-week counselling and experience- sharing meeting for enhancing and maintaining the motivation for abstinence as part of the treatment of the patients suffering from disorders of substance use. IHBAS provides most of the medicines to the patients attending the clinic, free of cost. Currently community outreach services are extended to five districts across Delhi State.

Outreach Community Services	
Chhatarpur Clinic (South)	Monday/Thursday morning
Jahangir Puri Clinic (North- West)	Wednesday/Friday morning
Dwarka Clinic (South-West)	Wednesday/Friday morning
Timarpur Clinic (North)	Monday/Thursday morning
Motinagar Clinic (West)	Wednesday/Saturday morning
Mobile Health Clinic for homeless near Jama Masjid	Monday/Thursday evening

Nursing

The nursing staff provides one of the most important supportive cares in the management of neuropsychiatric patients along with rehabilitative care and psychological support to the psychiatric patients, since neuropsychiatric nursing care is different from the general nursing care. The nurses are trained and taught to deliver special nursing care to the neuropsychiatric patients in this institute.

Nurses from various reputed institutions are beneficiary of these teaching and training programs. These trainees are also involved in various community based programmes such as skits to educate the community about epilepsy, drug abuse etc.

In addition patient staff group meetings are organized regularly with main objective of increasing the interaction between the patients and staff for better understanding of patient's problems. The nursing staff is also involved in various other patient welfare activities such as conducting regular sessions of prayers and exercises for the patients, celebrating festivals with patients, eating out programmes as well as joining the long stay patients for picnics to make them feel at home.

Day care centre and occupational therapy

The Occupational Therapy and Day Care Centre (OT and DCC) provides services to a wide variety of clientele from OPD as well as the wards referred from various departments like Psychiatry, Neurology and Neurosurgery. The primary aim includes restoration of maximal functional independence and community reintegration.

Screening, assessment, OT treatment planning and implementation, reassessment, follow-up and discharge planning are providing both neurorehabilitation and psychosocial rehabilitation. Specialized services includes: early intervention, remedial therapy, adaptive and assistive technology, ADL training, cognitive rehabilitation, social skill training work simplification and energy conservation, active scheduling and habit training etc.



The Day Care Centre consists of a multidisciplinary team comprising of psychiatrist, neurologist, clinical psychologist, occupational therapist etc. Skill building is the mainstay of the therapy program at Day Care Centre. It is achieved through structured group activities, prevocational and vocational skill building activities like candle making, envelope making, stitching and tailoring, card making, arts and crafts etc.

The department is actively involved in the teaching and training of M.Phil Clinical psychology students of IHBAS as well as students and interns from various reputed institutions.

Physiotherapy services

Physiotherapy

Physiotherapy means Physiotherapeutic system of Medicine which includes examination, treatment, advice and instruction to any person preparatory to or for the purpose of or in connection with movement dysfunction, bodily malfunction, Physical disorder, disability, Healing and pain from trauma and diseases, Physical and mental conditions using physical agents including exercises, mobilization, manipulation, mechanical and electrotherapy, activities and advices or diagnosis, treatment and prevention;

'Physiotherapy services in the institute of Human Behaviour and allied Science was started from august 1995'

Services available

- Electrotherapy activities:-
Various electrically operated equipment are available to treat the patients.
- Therapeutic exercises:-
Manually by the qualified physiotherapists and with various exercises equipments under supervision of Physiotherapists.
- Gymnasium:-
Air conditioned gymnasium for the patients and employees/officers and their spouse, is available with various modern exercise equipments.

Service Provider

Seven junior Physiotherapist & chief Physiotherapist

Teaching and Training

Physiotherapy students and interns from various Institutions, are posted for teaching and training.

Reports of Departments

Departmental Reports



Departments of IHBAS

- **Psychiatry**
- **Neurology**
- **Neurosurgery**
- **Neuroanaesthesia**
- **Clinical Psychology**
- **Psychiatric Social Work**
- **Pathology**
- **Microbiology**
- **Neurochemistry**
- **Neuropsychopharmacology**
- **Neuroradiology**
- **Medical Anthropology**
- **Epidemiology**
- **Biostatistics**

Patient Care Services

- **OPD**
- **In Patient**
- **Emergency**
- **ICUs**
- **Diagnostic**
- **Community outreach services**

Special Clinics

- **Child and Adolescent Psychiatry clinic**
- **Mental retardation clinic**
- **Marital and psychosexual Clinic**
- **Epilepsy Clinic**
- **Movement Disorder**
- **Neuro-behaviour Clinic**
- **DATRC and TCC**
- **Neuro-behaviour Clinic**

DEPARTMENT OF PSYCHIATRY

Dr. Nimesh G. Desai:

DETAILS OF CONFERENCE/SEMINARS/CME/MEETINGS

ATTENDED

- Visited Tata Institute of Social Sciences (TISS), Mumbai for Ph.D Viva on 5.4.2015
- Attended Meeting of the Academic Review Committee (ARC) of the Tata Institute of Social Sciences (TISS), Mumbai on April 16-17, 2015
- Visited Calcutta National Medical College, Kolkata for one day visit for MCI Inspection-Assessment for recognition of MD (Psychiatry) Course on 29.4.2015
- Attended one day NHRC National Conference on Mental Health and Human Rights on May 30, 2014 at India International Centre
- Attended "IMPACT Mental Health" Forum held at Casablanca, Morocco from June 24-26, 2014
- Visited Jodhpur Medical College, Rajasthan for MD(Psychiatry) Examination on 2.7.2014
- Attended 54th Annual Conference of the National Academy of Medical Sciences (NAMSCON 2014) at AIIMS, Rishikesh and deliver a Lecture at the CME from October 17-19, 2014
- Attended Annual National Conference of the Association of Industrial Psychiatry of India (ANCAIPI 2014) and deliver lecture on "Disaster Mental health – Knowledge to Practice" in Bhopal on November 30, 2014

- Attended 67th Annual Conference of Indian Psychiatry Society (ANCIPS 2015) at Hyderabad on 10.1.2015
- Attended Scientific Meeting on Centre of Excellence for Relapse Prevention (CERP) on 22.2.2015 at Mumbai

DETAILS OF AWARD

IMA Nation Award Called the Dr. Ramachandra N. Moorthy Award in Psychiatry for the year 2013-14 received in December 2014

PUBLICATIONS

- Singh V, Gupta DK, Desai NG, Srivastava A, Chaudhary R, Varma A, Sengupta S. Socio-Demographic and Clinical Profile of Patients with Attempted Suicide Attending Emergency Services at a Mental Health Institute in Northern India. J Mental Health Hum Behav 2014; 19:69-73.
- Contributed chapters and edited the publication titled "Mental Health Care of Children" by Delhi Commission for the Protection of Child Rights (DCPCR), Government of NCT of Delhi in December 2014
- Contributed chapters in the Training Module in Mental Health for GPs and Medical Officers titled "guidelines for the management of Common Mental disorders" by Directorate General of Health Services and Ministry of Health and Family Welfare, Government of India in October, 2014.

Dr Deepak Kumar, Associate Professor and Acting HOD Psychiatry

PUBLICATIONS

- Malhotra M, Kumar D and Verma R. Effect of Psychosocial environment in children having mother with schizopernia. Psychiatry Research, 2014; 226: 418-424

- Kar SK, Bansal S and Kumar D. An extremely rare association of Dyggve-Melchior-Clausen syndrome with mania: coincidence or co morbidity. Indian J Psychological Medicine.2015: 37; 226-229
- Kar SK, Kumar D, Singh S, and Upadhyay PK. Psychiatric manifestation of chronic subdural hematoma: the unfolding of mystery in a homeless patient . Indian J Psychological Medicine.2015: 39; 239-242

Books/Book Chapters/Monographs

- Contributed chapters and edited the publication titled "*Mental Health Care of Children*" by Delhi Commission for the Protection of Child Rights (DCPCR), Govt. of NCT of Delhi in December 2014.
- Contributed chapters in the Training Module in Mental Health for GPs and Medical officers titled "*guidelines for the management of Common Mental disorders*" by Directorate General of Health Services, and Ministry of Health and Family Welfare, Government of India in October 2014.

PARTICIPATION IN INTERNATIONAL /NATIONAL CONFERENCES

- Participated in the 1st Global Conference of Biological Psychiatry, September 25-28th India, 2014 at New Delhi
- Participated in the XXIV Annual Conference of the Delhi Psychiatric Society held on 14th December, 2014 at IHBAS, Delhi
- Participated in the Symposium on Management of ADHD in preschool age, at the 67th Annual National Conference of Indian Psychiatric Society (ANCIPS) in January 2014 at

Hyderabad, A.P. (Abstract published in Indian Journal of Psychiatry 2015; 57, S179)

AWARENESS GENERATION ACTIVITIES (IEC ACTIVITIES)

- Organized and participated in Mental Health Awareness Week (MHAW) in the month of October 2014.
- Participated in Brain Awareness Week (BAW) in the month of March 2015.

WORKSHOPS CONDUCTED :

- Conducted and Participated as Resource Faculty in The NCPCR Workshop on Continuing Professional Development (CPD) of Counsellors of Child Care Institutions (CCI's) by IHBAS on 22nd -23rd August, 2014 at Delhi.
- Conducted and Participated as Resource Faculty in The NCPCR Workshop on Continuing Professional Development (CPD) OF Counsellors of Child Care Institutions (CCI's) by IHBAS on 8th-9th August, 2014 at Delhi.
- Conducted and Participated as Resource Faculty in The NCPCR Workshop on Continuing Professional Development (CPD) OF Counsellors of Child Care Institutions (CCI's) by IHBAS on 25th -26th July, 2014 at Delhi.

Projects/Thesis (Ongoing)

- Guide and Co-guide for MD Psychiatry and M. Phil Clinical Psychology students Theses and dissertations respectively.

Other activities:

- Member of the Training Coordination Committee for NMHP/DMHP under DGHS and MOHFW, Government of India.

- Member of the Expert Committee on Mental Health care for the children in Delhi, constituted by the Delhi Commission for the Protection of Child Rights (DCPCR).

Dr Omprakash, Associate Professor Awards

- Om Prakash: Tilak Venkoba Rao Oration Award- Indian Psychiatric Society (IPS)(2014) for significant contribution in the field of Biological Psychiatry
- Om Prakash: Poona Psychiatric Society (PPA-1) Award- Indian Psychiatric Society (IPS)(2014) for best published paper in any research journal
- Om Prakash: Shiv Gautam Oration Award- Rajasthan Psychiatry Society (2013)(declared in 2014)

Publications

Books/Monographs (Authored/Edited) 2014

- Om Prakash and others. Essential Psychiatry in General Practice. Directorate General of Health Services, Ministry of Health and Family Welfare, Government of India, October 2014.
- Om Prakash and others. Introduction to Common Psychiatry illnesses- A guide to Psychiatry in General Practice. Directorate General of Health Services, Ministry of Health and Family Welfare, Government of India, October 2014.

Research papers published in Referred/Peer Reviewed Journals 2015

- Tripathi P, Goyal P, Kumar D, Prakash O. High doses of aripiprazole therapy for a patient with treatment-resistant schizophrenia responsive to, but intolerant of, clozapine. Aust N Z J Psychiatry. 2015 Feb;49(2):185. doi: 10.1177/0004867414550211. Epub 2014 Sep 12. PubMed PMID: 25217184. 2014

- Achalia RM, Chaturvedi SK, Desai G, Rao GN, Prakash O. Prevalence and risk factors associated with tardive dyskinesia among Indian patients with schizophrenia. *Asian J Psychiatr.* 2014 Jun;9:31-5. doi:10.1016/j.ajp.2013.12.010. Epub 2014 Jan 4. PubMed PMID: 24813033.
- Prakash O, Kar SK, Sathyanarayana Rao TS. Indian story on semen loss and related Dhat syndrome. *Indian J Psychiatry.* 2014 Oct;56(4):377-82. doi:10.4103/0019-5545.146532. PubMed PMID: 25568479; PubMed Central PMCID:PMC4279296.
- Jain A, Kamal Kumar V, Jhirwal O, Suthar N. "Gilhari (Lizard) Syndrome" A New Culture Bound Syndrome. *J Psychiatry* 2014; 17: 117 doi: 10.4172/Psychiatry.1000117
- Garg A, Sinha P, Kumar P, Prakash O. Use of naltrexone in ketamine dependence. *Addict Behav.* 2014 Aug;39(8):1215-6. doi: 10.1016/j.addbeh.2014.04.004. Epub 2014 Apr 13. PubMed PMID: 24813545.
- Ranga GS, Tomar LR, Narang S, Tripathi P, Jhirwal OP. Risperidone causing hyponatremia. *Journal of Acute Medicine* 2014; 4(3):133-134.
- Achalia R, Lakkas Y & Prakash O. Management of geriatric mania complicated by hyponatremia and psychogenic adipsic hypernatremia. *Journal of Clinical Gerontology and Geriatrics* 2014; 5(2):61-62.

Conference presentations

- Prakash O. Clinical and therapeutic particularities of depression in old age. *Indian J Psychiatry* 57 (Supplement), January 2015, S3 (Tilak Venkoba Rao Orator Award 2014)

- Kar SK, Kukreti P, Achalia R , Prakash O. Dhat syndrome: Trapped by culture, spanked by myth but struggling for right place. Indian J Psychiatry 57 (Supplement), January 2015, S178
- Prakash O, Sinha P. Dementia Caregiving: Experience, Burden and Interventions. Indian J Psychiatry 57 (Supplement), January 2015, S188.
- Kukreti P, Prakash O, Garg A. Health profile of homeless mentally ill women: Review from national capital state psychiatric hospital. Indian J Psychiatry 57 (Supplement), January 2015, S 108.
- Bairwa K, Kukreti P, Prakash O, Aggarwal H. Case of sertraline induced delayed hyponatremia And SIADH. Indian J Psychiatry 57 (Supplement), January 2015, S 109.
- Kamboj A, Prakash O. Use of sodium valproate in BPSD in dementia and review of literature. Indian J Psychiatry 57 (Supplement), January 2015, S144.
- Kukreti P, Prakash O. Musical hallucinations as the only silent presentation of stroke: diagnostic quandary. Indian J Psychiatry 57 (Supplement), January 2015, S156.
- Prasad S, Khanna SK, Prakash O. Challenges in treatment of refractory Obsessive Compulsive Disorder: A case report and review of literature. Indian J Psychiatry 57 (Supplement), January 2015, S192-193.

Dr Rajesh kumar, Associate Professor
As Co-Supervisor/Co-guide

- "Perceived stress and coping: A study on Post graduate students of IHBAS" (M.Phil Clinical Psychology Dissertation, submitted, September 2014).

Case Reports :

- Sujit Kumar Kar, Abhilove Kamboj, Rajesh Kumar "Pica and Psychosis: Clinical Attributes and Correlations –a Case Report" published in Journal of Family Medicine and Primary care (dated March 2015).

PROFESSIONAL WORKSHOPS/CONFERENCE

- Participated in the Mid term CME organized by Delhi Psychiatric Society on the topic of "The New Mental Health Act – Fine Print" on 3rd August, 2014.
- Participated as a Resource person on the topic of "Use of psychotropics by General Practitioners: How rational or irrational?" at IMA EDB, Karkardooma on 8th October, 2014 on the occasion of Mental Health Week, 2014 organized by IHBAS in collaboration with IMA East Branch.
- Participated as a Resource person on the topic of "Issues of Stress Management in Medical Professionals" at Delhi Medical Association headquarters, Daryaganj, Delhi on 10th October, 2014 on the occasion of Mental Health Week, 2014 organized by IHBAS in collaboration with DMA.
- Prepared presentation on the topic of "Alcohol consumption: National Scenario" as one of the Resource person for a symposium organized by National Academy of Medical Sciences (NAMS CON) on evolving Evidence based Alcohol Policy for India on 17th October, 2014 at AIIMS, Rishikesh.
- Participated as a Resource person on the topic of "Psychogenic Movement Disorder: Video case series" in a workshop on "Understanding Movement Disorder: Video based case approach" on 18th October, 2014 at the Hotel Hans Plaza, New Delhi.

- Participated as faculty Resource person on the topic of "Use of psychotropics in special populations in general practice: Cautions and Pitfalls" in SUPER MEDCON, 2014 organized by IMA, EDB on 2nd November, 2014 at Hotel Kempinski, Delhi.
- Participated as faculty Resource Person on the topic of "Overcoming Stigma as a part of long term rehabilitation in mental illness in relapse prevention workshop by Centre for Excellence in Relapse Prevention (CERP), IHBAS on 12th December, 2014 at IHBAS.
- Participated as faculty Resource Person on the topic of "Current status of relapse prevention in India: Gaps and Barriers on 13th December, 2014 at IHBAS.
- Participated as a delegate in the Annual Conference of Delhi Psychiatric Society on 14th December, 2014 at IHBAS.
- Participated as a Co-author in a paper entitled "A study of patient's with suicidal attempts in a tertiary care neuro-psychiatric institute" in the Annual Conference of Indian Psychiatric Society, North Zone at Ludhiana on 20th December, 2014.
- Participated as a Resource person in symposium entitled "Access to medical records in the context of RTI Act, 2005: Cautions and Pitfalls" in the Annual National Conference of Indian Psychiatric Society (ANCIPS) at Hyderabad on 10th January, 2015.
- Participated as a Resource faculty in the CME entitled "Relevance of problems of brain and mind for general physician" on the occasion of Brain Awareness Week, 2015 on 13th March, 2015 at Swami Dayanand Hospital, Delhi.

- Participated as a Resource faculty in the CME entitled "Relevance of problems of brain and mind for general physician" on the occasion of Brain Awareness Week, 2015 on 14th March, 2015 at IMA, EDB Bhawan, Karkardooma, Delhi.

TRAININGS CONDUCTED

- Conducted training programme for PG students as a part of Post Graduate Development programme (PGDP) under the Ageis of Indian Psychiatric Society North Zone organized by Department of Psychiatry, AIIMS for North West India on the topic of "Disorders of Thoughts – Stream and Form" on 27th July, 2014 at Golden Hut Resorts, Manesar, Haryana.
- Participated as a Resource person for the topic "Substance Abuse in Children and Adolescents" in the CME organized by IHBAS in collaboration with NCPCR for Counselors working in Child Care institutions on 8th August, 2014 at IHBAS.
- Participated as a Resource person for the topic "Substance Abuse in Children and Adolescents" in the CME organized by IHBAS in collaboration with NCPCR for Counselors working in Child Care institutions on 22nd August, 2014 at IHBAS.
- Worked as Nodal Officer for training of Public Health Nurses from East Delhi Municipal Corporation on the topic of "Substance Abuse in Children and Adolescents" from 15th September to 20th September, 2014 at IHBAS.
- Worked as Nodal Officer for training of Public Health Nurses from East Delhi Municipal Corporation on the topic of "Substance Abuse in Children and Adolescents" from 13th October to 18th October, 2014 at IHBAS.
- Worked as Nodal Officer for training of Medical Officers and

Specialists from East Delhi Municipal Corporation on the topic of "Substance Abuse in Children and Adolescents" from 10th November to 15th November, 2014 at IHBAS.

Dr Vijender Singh, Associate Professor

PARTICIPATION IN ACTIVITIES OF PROFESSIONAL DEVELOPMENT

- Participated in 9th National Quality Conclave of Quality Council of India (QCI) held at Delhi on 15th & 16th April, 2014
- Participated as Organizer and Resource Person in Mental Health Awareness Week (MHAW) 2014 in state of Delhi; organized jointly by IHBAS & State Mental Health Authority from 4th October 2014 to 10th October 2014
- Participated as Resource Person in Training Workshop in Centre of Excellence in Relapse Prevention (CERP) for Mental Health Professionals of IHBAS held at IHBAS, Delhi on 12th & 13th December 2014
- Participated as Faculty in 24th Annual Conference of Delhi Psychiatric Society held on 14th December 2014

RESEARCH EXPERIENCE

Projects/Thesis (Completed)

- Co-investigator in ICMR Task Force Project on "NICED-IHBAS-RIMS Collaborative study on HIV/AIDS and Drug Abuse in Manipur" funded by Indian Council of Medical Research (ICMR) Jun. 2006 to May 2008
- Co-investigator in ICMR Task Force Project on "Mental Health Needs Assessment and Service Delivery Models in Earthquake affected population of Gujarat" funded by Indian Council of Medical Research (ICMR) Mar. 2003 to Mar. 2009

- Co- Supervisor For M Phil Thesis On "Marital and Sexual Satisfaction in Individuals Suffering from Obsessive-Compulsive Disorder and Their Spouses " in The Department Of Clinical Psychology, IHBAS, Delhi from 2012-14
- Co-investigator in "A Multi-centre Study of Mental Health Morbidity and Psychosocial needs of Persons living with HIV/AIDS" funded by National AIDS Control Organisation (NACO)
- Co-supervisor for MD thesis on "A Study of Behavioural & Psychological Symptoms of Dementia (BPSD) in Patients with Dementia of Alzheimer Type & Vascular Dementia " in the Department of Psychiatry, IHBAS, Delhi
- Co-supervisor for MD thesis on "Anxiety and Depression in parents of children with attention deficit Hyperactive disorder- A comparative Study" in the Department of Psychiatry, IHBAS, Delhi

Projects/Thesis (Ongoing)

- Co- Supervisor for MD thesis on "A study on the Thyroid Abnormalities and its effects on quality of life in cases of Depressive Disorders" in the Department of Psychiatry, IHBAS, Delhi
- Co- Supervisor For MD Thesis On "A Study Of Metabolic Syndrome In Patients On Risperidone " In The Department Of Psychiatry, IHBAS, Delhi
- Co- Supervisor For MD Thesis On "A Study Of Sexual Dysfunction In Male Patients Of Depressive Disorder" in The Department Of Psychiatry, IHBAS, Delhi
- Co- Supervisor For M Phil Thesis On "Metacognitive beliefs

and coping strategies in patients with Obsessive-Compulsive Disorder ” in The Department Of Clinical Psychology, IHBAS, Delhi

PUBLICATIONS

- Singh V, Gupta DK, Desai NG, Srivastava A, Chaudhary R, Varma A, Sengupta S. Socio-Demographic and Clinical Profile of Patients with Attempted Suicide Attending Emergency Services at a Mental Health Institute in Northern India. J Mental Health Hum Behav 2014; 19:69-73.
- Singh V, Garg B. Neuroplasticity and its Relevance to Psychiatric Disorders. Curr Psychopharmacol. Accepted for publication, in press

Dr Pankaj Kumar, Assistant Professor

CONFERENCES ATTENDED:

- 67th Annual National Conference of the Indian Psychiatric Society (ANCIPS 2015)

Other Activities:

- Joint Co-ordinator for MENTAL HEALTH AWARENESS WEEK 2014
- Member of Task Force for compilation of Response for Government of NCT of Delhi to NHRC in matter of W.P. Crl. 1900/1981 (Upendra Baxi Vs State of Uttar Pradesh and others)

Dr Manoj Kumar Assistant Professor

CONFERENCES ATTENDED:

- 1ST Global Conference of Biological Psychiatry, September 25-28th India, 2014
- 15th Annual National Conference of Indian association of Private Psychiatry (ANCIAPP), Kochi, Nov 2014.

- 24th Annual Conference of Delhi Psychiatry Society, December, 2014
- 67th Annual National Conference of the Indian Psychiatric Society (ANCIPS 2015)

Dr Amit Khanna, Assistant Professor, IHBAS

Workshops Conducted:

- Conducted and Participated as Resource Faculty in The NCPCR Workshop on Continuing Professional Development (CPD) OF Counsellors of Child Care Institutions (CCI's) by IHBAS on 22nd -23rd August, 2014 at Delhi.
- Conducted and Participated as Resource Faculty in The NCPCR Workshop on Continuing Professional Development (CPD) OF Counsellors of Child Care Institutions (CCI's) by IHBAS on 8th -9th August, 2014 at Delhi.
- Conducted and Participated as Resource Faculty in The NCPCR Workshop on Continuing Professional Development (CPD) OF Counsellors of Child Care Institutions (CCI's) by IHBAS on 25th -26th July, 2014 at Delhi.

Workshops Attended:

- Participated in the RCI accredited Workshop on PEERS SOCIAL TRAINING FOR TEENS WITH AUTISM held at Indian Habitat Center(IHC), Delhi on 9th -12th , February, 2015.
- Participated in the Workshop on Research Method in Autism & Developmental Disabilities held at Indian Habitat Center(IHC), Delhi on 5th -6th , February, 2015.

Certificate Courses completed

- UCLA PEERS Program for the Education and Enrichment of Relational Skills Certificate of Training for successful

completion of 24 Hrs of Professional Continuing Education Training in the Implementation of a manualized Evidence based Parent assisted Social Skill Training Intervention for adolescents with Autism Spectrum Disorders.

Public Seminar as Resource Faculty

- Stress Management in Medical Practitioners on 10th October, 2014 mental Health Awareness Week at DMA Hall, Daryaganj, Delhi

Publications:

- Sravani Chauhan, Praveen Tripathi, Amit Khanna, Priyanka Goel. Valproate for management of Idiopathic Olfactory Hallucinosi s in Australian and New Zealand Journal of Psychiatry available online
<http://anp.sagepub.com/content/early/2014/09/12/0004867414550210.extract.jpg> dated 11.3.2014

Guidelines Publication

- Contributed chapter in Mental Health Care of Children by Delhi Commission for Protection of Child Rights (DCPCR), Govt. of NCT OF Delhi, published in December, 2014.
- Contribution in Chapter on Psychiatric Conditions in Standard Treatment Guidelines A manual for Medical therapeutics, 4th Edition published by Delhi Society for Promotion of Rational Use of Drugs by Wolters Kluwer Health 2015

Recent Conferences attended

- Participated in the South Asian International Autism Conference held at Indian Habitat Center (IHC), Delhi between 7th -8th February, 2015

- Participated in the XXIV Annual Conference of the Delhi Psychiatric Society held on 14th December, 2014 at IHBAS, Delhi.
- Participated in the Symposium on "Child Sexual Abuse-Prevention & Response" by the Indian Medical Association & CMAAO in Association with UNICEF held on 7th June, 2014 at Indian Habitat Center (IHC), New Delhi.

Other Activities:

- Member of the Committee constituted vide order No F60 (32)DWCD/PR2014-15/514-524 dated 16.9.2014 to review and ascertain the work of outsourced Mental health agency at Juvenile Justice Homes at Seva Kutir, Delhi

Dr Amit Garg, Assistant Professor

- 67th Annual National Conference of the Indian Psychiatric Society (ANCIPS 2015) at Hyderabad.

Dr Sumit Kumar Gupta, Assistant Professor

Workshops Conducted:

- Participated as Resource Faculty in The NCPCR Workshop on Continuing Professional Development (CPD) OF Counsellors of Child Care Institutions (CCI's) by IHBAS on 22nd -23rd August, 2014 at Delhi.
- Participated as Resource Faculty in The NCPCR Workshop on Continuing Professional Development (CPD) OF Counsellors of Child Care Institutions (CCI's) by IHBAS on 8th-9th August, 2014 at Delhi.
- Participated as Resource Faculty in The NCPCR Workshop on Continuing Professional Development (CPD) OF Counsellors of Child Care Institutions (CCI's) by IHBAS on 25th -26th July, 2014 at Delhi.

Presentations in National Conference (67th Annual National Conference of the Indian Psychiatric Society (ANCIPS 2015)

- Symposium: Managing attention deficit hyperactivity disorder in preschool age D Moyal, B Garg, S Kumar Gupta, U Kumar Sinha, D Kumar Abstract published in Indian Journal of Psychiatry 2015; 57, S179
- Poster: Antipsychotic induced obsessive compulsive symptoms in schizophrenia- case series B Garg, S Kumar Gupta Abstract published in Indian Journal of Psychiatry 57, S135; 2015.
- Free Paper:
 - Characteristics of the patients certified for disability due to mental retardation in NCT of Delhi: a four year analysis A Sidana, B Garg, D Moyal, GS Kumar Abstract published in Indian Journal of Psychiatry 2015.
 - A comparison between the characteristics of persons certified with disability due to Mental Retardation and that of census of persons with Mental Retardation in NCT of Delhi, India D Moyal, S Kumar Gupta, B Garg, A Sidana, 2015. Abstract published in Indian Journal of Psychiatry 57, S31.

Publications:

- S Bansal, SK Gupta. Response to article: Behavioral management in children with intellectual disabilities in a resource-poor setting in Barwani, India. Indian Journal of Psychiatry 2014;56 (4)' 407,.
- S Gupta, B Garg A case of etizolam dependence Indian Journal of Pharmacology 2014; 46, 655-6;.
- SK Gupta, S Bansal Reversible bilateral sensori-neural hearing loss due to olanzapine in a male suffering from

bipolar affective disorder Indian Journal of Pharmacology 2014; 46 (4), 453-454.

- P Tripathi, SK Gupta, P Goyal, SK Kar Successful use of olfactory hallucinations as early warning sign in a patient with bipolar disorder Australian and New Zealand Journal of Psychiatry, 2015; DOI -0004867415577436.
- SK Gupta, K Abhilove The 'unknown' safety concern for Aripiprazole once monthly British Journal of Psychiatry 2015; 206, 168
- Shwetank Bansal, SK Gupta, SK Kar. A rare case of very early onset obsessive compulsive disorder with co-morbid Agoraphobia J. Indian Assoc. Child Adolesc. Ment. Health 2015; 11 (2), 158-169.
- P Singh, S Kar, R Kumari, SK Gupta. Dermatitis Neglecta in Schizophrenia: A rare case report Indian Journal of Psychological Medicine 2015; 37 (1), 93.
- SK Gupta, RC Jiloha, A Yadav. Onset of schizophrenia at 100 years of age Indian Journal of Psychiatry 2015; 56 (1), 82-83.

Other Activities:

- Assistant Co-ordinator for MENTAL HEALTH AWARENESS WEEK 2014
- Joint Co-ordinator for BRAIN AWARENESS WEEK 2015
- Member of Task Force for compilation of Response for Government of NCT of Delhi to NHRC in matter of W.P. Crl. 1900/1981 (Upendra Baxi Vs State of Uttar Pradesh and others)

Dr Akhilesh , Assistant Professor

Publication

- Grover S, Avasthi A, Sharma A. Motoric subtypes of delirium in geriatric patients. J Geriatric Mental Health 2014;1:14-9.
- Grover S, Lahariya S, Bagga S, Sharma A. Incidence, prevalence and risk factors for delirium in elderly admitted to a coronary care unit. J. Geriatr Ment Health 2014;1:45-53.

Workshop

- Workshop on relapse prevention by Centre of Excellence of Replace prevention at IHBAS in 2014.

AWARENESS GENERATION ACTIVITIES (IEC ACTIVITIES)

- Participated in Brain Awareness Week (BAW) in the month of March 2015.

DEPARTMENT OF NEUROLOGY

Departmental Events

- Epilepsy Awareness Programme on Monday, 17th November, 2014 in the OPD Block, IHBAS on the occasion of National Epilepsy Day.
- Stroke Awareness Programme on 30th October, 2014 On the occasion of World Stroke Day on 29th October, 2014.
- Department of Neurology had conducted a conference titled "Understanding Movement Disorders" on 18th October, 2014 at Hans Plaza, Barakhamba Road, Delhi.

Guest Lectures organised

- Guest lecture delivered by Dr. Geeta Chopra, Chief Pathologist, Metropolis Lab on "Vasculitis Profile study in CNS" on 25th August, 2014.
- Guest lecture delivered by Dr. Sanjay Pandey, Professor (Neurology), G.B. Pant Hospital, Delhi on "DBS in Movement Disorder" on 28th August, 2014.

Thesis Completed

1.	Dr. Preeti Singla	Cognition in Juvenile Myoclonic Epilepsy
2.	Dr. Garima Saraff	A Prospective Study of management and outcome in Status Epilepticus Patients
3.	Dr. Seema Malik	A Follow up study of patients with Subacute sclerosing Panencephalitis (SSPE) at a tertiary care centre in North India
4.	Dr. Manmeet Kaur	A study of Clinical Profile, outcome and Complications of Herpes simplex encephalitis

5.	Dr. Gopinath G.	A study of Sleep Disturbances in patients with epilepsy
6.	Dr. Lomesh Bhirud Bhagwan	Clinical profile and outcome of tuberculous Meningitis patients

Dr. Suman Kushwaha, Associate Professor & Head (Neurology)

Invited Lectures and Presentations

- Annual DNA - Invited Lecture – Cognition in Extra Pyramidal Syndromes. Movement Disorder - Video Presentation held in February.
- Indo Euro park Conference on Movement Disorder. Video Session on Various Movement Disorders held in March.
- IAN Summer School – Invited Lecture – Approach to a patient with Dementia Approach to a patient with Movement Disorder held in March.
- Lecture at G B Pant – Approach to a patient with Dementia held in May.
- Invited at NCDC as an expert to develop the guidelines for the acute encephalitic syndrome held in May.
- Guest Lecture at Chandigarh – Thrombolysis in Acute Stroke held in May.
- Invited for Guest Lecture- Acute Stroke management Lucknow – Director of Health Services UP in May.

Project – As Principal Investigator World Federation of Neurology Funded Projects

Saving the Brain - Proposal to Increase Awareness of Thrombolysis (Acute Stroke Management) Among General physicians, Health care workers and in Community

Conference organized as Organizing Secretary

Understanding Movement Disorder – A video base case approach – 18th Oct 2014 - Hans Plaza, Barakhambha Road, Delhi

The conference was organized by Department of Neurology, Institute of Human Behavior and Allied Sciences, Delhi. The organizing secretary was, Dr. Suman Kushwaha, Associate Professor and Head of the department of Neurology.

The concept of this unique movement disorder conference was to understand the phenomenology of the different types of movement disorders through the videos presentation of the cases. The video cases were presented by 12 distinguished speakers from teaching institutes of Delhi, Jaipur and Varanasi. The presented cases were unique, atypical and have the salient features for the movement disorder practitioners and for residents.

The movement disorder expert Prof. Madhuri Bihari, Neurology AIIMS & Prof Meena Gupta, Senior consultant, Paras Hospital were and has given the expert comments and clarifications in all the cases presented.

The total number of 104 delegates has attended the conference, mostly the neurologists and the resident doctors of the academic institutes of Delhi. All the delegates have shown the keen interest in the cases presented and has actively participated in the discussions following the presented.

The Movement disorder experts and the chairpersons of the sessions have judged the two best videos among the presenters which were given to Dr Suman Kushwaha, Associate Prof

Neurology, IHBAS & Dr Sanjay Panday, Prof Neurology – G. B. Pant. The residents enthusiastically have participated in the Movement Disorder Quiz was conducted by Prof Vinay Goyal, Prof Neurology, AIIMS. Three residents each from IHBAS, AIIMS & RML hospital were winners of the competition.

Dr. Aldrin Anthony, Assistant Professor (Neurology)

Conference attended

- International Conference of IMA C.G.P (ICON-2015) held on 25th & 26th July, 2015.
- 16th Annual DNAICON held on 1st & 2nd February, 2014 at India Habitat Centre, Lodhi Road, New Delhi.

Publications

- A.A.Dung Dung, A.K. Panda: "Interferon β -1 α Therapy for Multiple Sclerosis during Pregnancy an unresolved issue". BMJ Case Report 2014.
- N.K. Singh, N Chillar, B.D. Banerjee, K. Bala, A.A. Dung Dung: "APOE and Lrpap 1 Gene Polymorphism and risk of Parkinsons Disease". January-2014.

Co-Supervisor in Thesis Completed

1.	Dr. Garima Saraff	A Prospective Study of management and outcome in Status Epilepticus Patients
2.	Dr. Seema Malik	A Follow up study of patients with Subacute sclerosing Panencephalitis (SSPE) at a tertiary care centre in North India
3.	Dr. Gopinath G.	A study of Sleep Disturbances in patients with epilepsy

- Chief Coordinator for Brain Awareness Week held from 12th to 19th March, 2015 organised by IHBAS.
- Joint Co-ordinator for Brain Awareness Week held in March, 2014.

Conference organized as Co-organizing Secretary

Understanding Movement Disorder – A video base case approach – 18th Oct 2014 - Hans Plaza, Barakhambha Road, Delhi

The conference was organized by Department of Neurology, Institute of Human Behavior and Allied Sciences, Delhi.

Dr. Siddharth Maheshwari, Assistant Professor (Neurology) Conference attended

- 16th Annual DNACon held on 18th February, 2014 at India Habitat Centre, Delhi.
- NEUCon, 2015 held on 8th & 9th August, 2015 at Delhi.

Publications

Article: Serotonin syndrome following levodopa treatment in diffuse Lewy body disease. Suman Kushwaha, Akhila Kumar Panda, Hardeep Singh Malhotra, Manmeet Kaur
[Show abstract] BMJ case reports. 01/2014; 2014.

Ongoing Research

- Patterns of Spread in Motor Neuron Disease; M. Gourie Devi, Siddharth Maheshwari.

Conference organized as Co-organizing Secretary

Understanding Movement Disorder – A video base case approach – 18th Oct 2014 - Hans Plaza, Barakhambha Road, Delhi

The conference was organized by Department of Neurology, Institute of Human Behavior and Allied Sciences, Delhi. Dr. Suman Kushwaha

Publications

Face of Giant Panda Sign in Wilson's Disease. Akhila Kumar Panda, Vachan Jayant Mehta, Aldrin Anthony, Dung Dung, Suman Kushwaha. Journal of Physician of India. 08/2014;

Thrombolysis in Recurrent Stroke-Beyond Guidelines: A Case Report. Suman Kushwaha, Seema Malik, Garima Sarraf, Aldrin Dung Dung. Journal of stroke and cerebrovascular diseases: the official journal of National Stroke Association 07/2014;

Genomic convergence and network analysis approach to identify candidate genes in Alzheimer's disease. Puneet Talwar, Yumnam Silla, Sandeep Grover, Meenal Gupta, Rachna Agarwal, Suman Kushwaha, Ritushree Kukreti. BMC Genomics 03/2014; 15(1):199.

Differential Diagnosis of Neurodegenerative Dementias Using Metabolic Phenotypes on F-18 FDG PET/CT. Madhavi Tripathi, Manjari Tripathi, Nishikant Damle, Suman Kushwaha, Abhinav Jaimini, Maria M D'Souza, Rajnish Sharma, Sanjiv Saw, Anupam Mondal. The neuroradiology journal. 02/2014; 27(1):13-21.

Intravascular lymphoma: an unusual cause of rapid cognitive decline and the role of brain biopsy. Sujata Chaturvedi, Ishita Pant, Suman Kushwaha, Deepak Kumar Jha. BMJ case reports. 01/2014; 2014.

Serotonin syndrome following levodopa treatment in diffuse Lewy body disease. SumanKushwaha, Akhila Kumar Panda, Hardeep Singh Malhotra, ManmeetKaur. BMJ case reports. 01/2014; 2014.

Indian journal of nuclear medicine : IJNM : the official journal of the Society of Nuclear Medicine, India. 07/2013; 28(3):129-33.
Article:Functional neuroimaging using F-18 FDG PET/CT in amnestic mild cognitive impairment: A preliminary study.Madhavi Tripathi, ManjariTripathi, Rajnish Sharma, Abhinav Jaimini, Maria Md'souza, Sanjiv Saw, AnupamMondal, Suman Kushwaha.

DEPARTMENT OF NEUROSURGERY

Following are the Census for the year 2014-15

- Total Procedures performed – 249 (Two Hundred forty Nine)
- Total admissions in Neurosurgery ward – 290 (Two hundred Ninety)
- Total Number of Patients Attended in OPD-4154 (Four Thousands One Hundred Fifty Four)
- Total number of Patients admitted in NS-ICU – 29 (Twenty Nine)

Dr Deepak Kumar Jha

Conference attended:

- CME on Neurointervention (12.04.2014): R M L I P G I M S , Delhi.
- Neuro-oncology Update (19.05.2014)- BLK Superspecialty Hospital, Delhi.
- ANTC 2014 (2nd AIIMS Neurotrauma Conference 2014)- 31.10.2014 to 2.11.2014- AIIMS, Delhi.
- Super Medicon 2014- 2.11.2014- Kempinski Hotel, East Delhi.
- 2nd Instructional Course in Neurosurgery (ICINS), 'Endoscopic Cranial and Spine Surgery'- 7-8th November 2014: GB Pant Hospital, Delhi.
- AOISBS 2015 (Skull Base workshop and conference)- 8-11 January 2015: Palladium Hotel, Mumbai.

- DNACON 2015- 17th Annual Conference of Delhi Neurological Association and 13th Neuro Nurses Forum- 31.1.2015 to 1.2.2015- India Habitat Centre, Delhi.
- 17th Annual Microneurosurgery Workshop- 13th to 15th February 2015- AIIMS, Delhi.
- SKULL BASE CON 2014- 9th to 12th October- JIPMER HOSPITAL, Puduchery.

Guest lecture:

Low Grade Glioma- Management (Neuro-oncology Update (19.05.2014)- BLK Superspecialty Hospital, Delhi.)

Chair person:

- Neurosurgery Session: Low back pain- Management (Super Medicon 2014- 2.11.2014- Kempinski Hotel, East Delhi.)
- Neuroendoscopy Session: (DNACON 2015- 17th Annual Conference of Delhi Neurological Association and 13th Neuro Nurses Forum- 31.1.2015 to 1.2.2015- India Habitat Centre, Delhi.)

Paper presentations:

- Cranial and Spinal Endoscopy: How to do it with minimum equipments (DNACON 2015)
- C1-2 Joint Orientation: A Guide for Selection of Patients for Distraction Surgery in Basilar Invagination (DNACON 2015)
- Transpedicular decompression alone as a treatment for potts spine involving dorsal spine (DNACON 2015)

Publications:

- Chaturvedi S, Pant I, Kushwaha S, Jha DK. Intravascular

lymphoma: an unusual cause of rapid cognitive decline and the role of brain biopsy. BMJ Case Rep. 2014 Aug 21;2014. pii: bcr2014205835. doi: 10.1136/bcr-2014-205835.

- Pant I, Chaturvedi S, Jha DK, Kumari R, Parteki S. Central nervous system tumors: Radiologic pathologic correlation and diagnostic approach. J Neurosci Rural Prac 2015 (6):2; 191-7.

Reviewer

Neurosciences

Dr. VKS Gautam

Conference/CME Attended

- 63rd Annual conference of neurological Society of India held at Le Meridian , Coimbtore from 12th-15th December, 2014
- 17th Annual Conference of Delhi neurological Association on 31st January to 1st February , 2015 at India habitat centre, New Delhi
- Management development programme on best practices in hospital logistics, inventory and stores management held on 21st-22nd February, 2015 at Army college of medical sciences, New Delhi
- 7th Annual conference of Indian Society of Neurooncology- ISNOCON-2015 held on 26th-29th March, 2015 at Kochi , Kerala

Paper Presentation

“ Neurosurgical management of CNS tumors: Personal experience and review of recent advances” during 7th Annual conference of Indian Society of Neurooncology- ISNOCON-2015 held on 26th-29th March, 2015 at Kochi , Kerala

Paper Published

- Gautam V.K.S; Sarbjeet Khurana and Ravinder Singh (2015). Multi Drug Resistant Tuberculous Meningitis With Hydrocephalus Treated With Ventriulo-Peritoneal Shunting – A Review. *International Journal of Medicine*. 3(1)(2015)22-25. doi :10.14419/ijm.v3i1.4349
- Gautam V.K.S. Ravinder Singh and Sarbjeet Khurana (2014). Reviewing Neurosurgical Management in Brain Metastases: Three Case Reports. *International Journal of Medicine*. 2(2)(2014); 87-90. doi: 10.14419/ijm.v2i2.3670
- Shrivastava Ankur; V.K.S Gautam, Akriti Khare, Ravinder Singh (2014). CNS Tuberculoma Mimicking Brain Metastasis. *International Journal of Medicine*. 2(2) 2014;pp68-70; doi: 10.14419/ijm.v2i2.3452
- Gautam V.K.S., Ravinder Singh and Sarbjeet Khurana (2014). Reviewing the Hydrocephalus: Personal experience of a Neurosurgeon with Ventriculoperitoneal Shunt Treatment. *International Journal of Medicine*. 2(2) 2014; 56-59. doi: 10.14419/ijm.v2i2.3219
- Gautam, V.K.S., Ravinder Singh and Sarbjeet Khurana (2014). Hydrocephalus: Treated with Ventriculoperitoneal Shunt surgery: A Clinical Audit. *International Journal of Health*. 2(2) 2014; 26-29. doi :10.14419/ijh.v2i2.2849
- Pant I, Chaturvedi S, Singh VKS, Kumari R. Intramedullary meningioma of spinal cord: case report of a rare tumour highlighting the differential diagnosis of spinal intramedullary neoplasma. *Indian J Pathol Microbiol* 2014; 57: 308-10

DEPARTMENT OF NEUROANAESTHESIOLOGY

EQUIPMENTS:

Modern-microprocessor controlled ICU ventilators. Invasive and noninvasive Cardiac and respiratory monitoring facilities, defibrillators, blood gas analysis facility, advanced anesthetic work station, advanced patient warming system, Fiberoptic Bronchoscope, CPR Trainers, pneumatic compression device.

HOSPITAL SERVICES-CLINICAL ACTIVITY

PAC- All the patients undergoing for any procedure under the effect of anesthetic agent are screened in pre anesthetic checkup to rule out any problem that can be hazardous during anesthesia. It also helps in to find out any contraindication for the procedure. During year 2014-15 total 113 (for MECT) + 187 (for Neurosurgery)= 300 patients were seen in PAC.

NEUROSURGICAL OPERATIONS- Total 187 operations were done.

ECT- Electroconvulsive therapy is a treatment for the severe depression. It may be carried out to apply current in conscious patients (Direct ECT) or in anaesthetized patient (Modified ECT). Total 1366 patients had undergone such treatment under anesthetic effect during 2014 and no direct ECT was given.

ICU Care & Ventilatory support to critically ill patients-

Frequently, patients in Neuro-ICU require Ventilatory support to maintain the respiration and Department of Neuroanesthesiology looked after such patients in Neuro- ICU. Many of times help of anesthetist is required in neurology to put I.V.Line/ central line, to perform percutaneous tracheostomies, to perform lumbar punctures, to put Ryle's Tube etc.

Educational Activities-

Chair the Session during AIIMS Neuroanaesthesia Update 2014 on 30th – 31th Aug 2014 (Dr Mukul K Jain)

TEACHING & TRAINING

- Regarding care of ventilatory patient, ventilator setting to a critically ill patient
- To nursing staff of Neuro ICU-regarding care of ventilator, care of critically ill patients
- Departmental Senior resident teaching

ORGANIZATION OF SYMPOSIUM/ PUBLIC PROGRAMME/ TALKS

- Member of Organizing Committee of SUPER MEDCON by IMA-EDB on 26/10/2014 (Dr Mukul K Jain)
- Chair the Session during AIIMS Neuroanaesthesia Update 2014 on 30th – 31th Aug 2014 (Dr Mukul K Jain)
- CME lecture on "Anesthesia outside the operation theatre" during RAJISACON 2014- 4th -5th Oct, 2014 at Sriganganagar, Rajasthan(Dr Mukul K Jain)
- CME lecture on "Anesthetic Consideration in a patient with seizure disorder" during RSACPCON 2014- 14th -16th Nov, 2014 at Himalayan Institute of Medical Sciences, Jolly Grant, Dehradun, UK (Dr Mukul K Jain)
- CME lecture on "Anesthetic Consideration in a patient with seizure disorder" during Anesthesia Update 2014- 16th Nov, 2014 at Subharti Medical College, Meerut, UP(Dr Mukul K Jain)
- CME lecture on "Issues in Awake Craniotomy" during ICACON

2014- 21st – 23rd Nov, 2014 at Bengluru, Karnataka (Dr Mukul K Jain)

- Chair the session during First International Symposium on Neuroanesthesia & Critical Care-2015 at Fortis Memorial Research Institute, Gurgaon on 28th Jan 2015 (Dr Mukul K Jain)
- Judge for poster during ISNACC-2015 at SGPGI, Lucknow on 31st Jan 2015 (Dr Mukul K Jain)
- Poster Presentation on " Painless traumatic spinal fracture in Schizophrenic patients" during 6th Association of South East asian Pain Societies Congress (ASEAPS)- 2015 on 15th March 2015 at Manila, Philippines- INTERNATIONAL CONFERENCE (Dr Mukul K Jain)

SYMPOSIA/ WORKSHOPS/ CONFERENCE/ TRAINING/ CME

- SUPER MEDCON by IMA- EDB on 20/10/2013 (Dr Mukul K Jain)
- AIIMS Neuroanaesthesia Update 2014 on 30th – 31th Aug 2014 (Dr Mukul K Jain)
- RAJISACON 2014- 4th -5th Oct, 2014 at Sriganganagar, Rajasthan (Dr Mukul K Jain)
- RSACPCON 2014- 14th -16th Nov, 2014 at Himalayan Institute of Medical Sciences, Jolly Grant, Dehradun, UK
- Anesthesia Update 2014- 16th Nov, 2014 at Subharti Medical College, Meerut, UP
- ICACON 2014- 21st – 23rd Nov, 2014 at Bengluru, Karnataka (Dr Mukul K Jain)

- First International Symposium on Neuroanesthesia & Critical Care-2015 at Fortis Memorial Research Institute, Gurgaon on 28th Jan 2015. (Dr Mukul K Jain)
- 16th Annual conference of ISNACC, 2015 at SGPGI, Lucknow on 30th Jan – 1st Feb 2015. (Dr Mukul K Jain)
- 6th Association of South East asian Pain Societies Congress (ASEAPS)- 2015 on 15th -17th March 2015 at Manila, Philippines - INTERNATIONAL CONFERENCE (Dr Mukul K Jain)
- IFC-HISICON 2015 at Delhi- 22nd -24rd March 2015- INTERNATIONAL CONFERENCE (Dr Mukul K Jain)

SPECIAL GRANTS/ASSISTANCE/ HONOURS/ DISTINCTIONS RECEIVED

- Award of Organizing the Brain Awareness Week from IHBAS in association with DMA on 19th March 2014.(Mukul K Jain)
- Scroll of Honour – 2014 by IMA-EDB (Dr Mukul K Jain)

RESEARCH PUBLICATION (BOOKS/ MONOGRAPHS/ CHAPTERS IN BOOKS/ RESEARCH)-

- *Jain Mukul Kumar, Tripathi C B. Relevance of Endotracheal tube cuff pressure (ETTc) monitoring during cervical spinal surgeries- MANUAL V/S AUTOMATIC METHOD. (Abstract) J Neurosurg Anesthesiol Vol 26. Number 4. Oct 2014. 468 INTERNATIONAL JOURNAL*
- *Jain Mukul Kumar, Tripathi Chander Bhushan. Relevance of Endotracheal tube cuff pressure monitoring during anterior cervical spinal surgeries- MANUAL V/S AUTOMATIC METHOD accepted in IJPSM on 05-06-2013*

- *Abstract published- Jain Mukul Kumar. Anesthetic Management in Remote Areas. RAJISACON 2014, Shri Ganganagar, Rajasthan*

ADDITIONAL ADMINISTRATIVE WORK-

- OIC ECT (Dr Mukul K Jain) since 01/10/2008
- OIC Ambulance(Dr Mukul K Jain)
- OIC (Purchase) Dr Mukul K Jain
- Chairman of COP-II (NABH) Committee

DEPARTMENT OF NEURORADIOLOGY

The department of Neuroradiology started functioning in 1982 with the installation of first X ray machine. Since the past 30 years, the department has come a long way with expansion in the modalities and scope of services.

Scope of services

Department of Neuroradiology has state of the art machines for X-Ray, Ultrasound, Colour Doppler, and CT scan. Over the years there has been a constant increase in patient in-flow in the department. The Institute also has a state of the art 3 Tesla MRI Machine under Bhagidari Scheme /outsourcing with M/S Focus Imaging Center Pvt. Lt. which has been performing all the MRI scans of IHBAS patients.

Major Achievements

Radiological Investigations performed during the year were:

- **X-ray facilities:** Presently, X-rays are being performed on 1000 mA Shimadzu C Vision X-ray machine. All X rays of ICU/ inbed patients are carried out using the 150 mA mobile X ray unit. During the year, 6612_X-rays have been performed.
- **Ultrasound, Echo and Color-Doppler:** 3408 Ultrasounds, Color Doppler and Echocardiography examinations have been performed in the year.
- **CT Scan:** CT scan facility started functioning in March 2011 with the installation of Siemens Somatom Emotion 16 slice CT scanner. 3499 CT examinations were performed during the said period.
- **MRI:** The supervision and reporting of MRI scans of IHBAS

patients done at Focus Imaging Center is being done by radiology faculty and residents of the institute. Daily 10-15 patients of IHBAS (inpatients and outpatients) undergo MR scanning at Focus Imaging Center. 6245 MRI scans of IHBAS patients were done during the said period.

Teaching and Training

The Department is actively involved in teaching. All important cases are routinely discussed and reviewed in the Department, involving the resident and the faculty. Once a week, a dedicated inter-departmental session to discuss all the clinical details and radiological investigations is performed. The faculty is also involved in interdepartmental discussions, seminars and lectures.

Faculty

Dr. Rima Kumari, MD, DNB
Associate Professor
Department of Neuroradiology

Paper presented / Conferences attended

- Diffusion tensor imaging and Tractography of the corpus callosum in Huntington's disease. Poster presented in the World Congress of Huntington's disease held in Melbourne, Australia w.e.f. 11th to 14th September 2011.
- 28th Annual Conference of IRIA Karnataka held in Manipal w.e.f. 24th to 25th March 2012.

Symposia/Workshops/Conference/Training/CME

NABH assessor training course on Medical Imaging Standards (MIS) held at Bangalore w.e.f. 3rd to 5th February 2012.

Fellowships / Grants received:

- Junior travelling fellowship from the World Federation of Neurology (WFN)

Department of Clinical Psychology

The Department of Clinical Psychology extends psycho-diagnostic and psychotherapeutic services to the cases referred by department of psychiatry, neurology and the other specialty clinics. This also includes neuropsychological assessment and rehabilitation, Child guidance services, Counseling in the area of Marital and Psychosexual problems, early detection, evaluation and intervention for the children with Mental Retardation, Autism, Learning Disability and rehabilitation services to the persons with severe mental illness.

The Clinical Psychology Department is also playing a leading role in teaching and training of M.Phil.(Clinical Psychology) trainees to develop the manpower in the area of mental health. It also extends its services and training programs for other departments and agencies inside and outside IHBAS.

Hospital Services

The clinical psychology department provides services to inpatients and outpatients referred by psychiatry and neurology departments. Active support is also provided to various specialty clinics like child and adolescent mental health clinic, drug abuse treatment and rehabilitation center, mental retardation clinic, marital and psychosexual clinic, neuro-behaviour clinic, movement disorder clinic and epilepsy clinic. Major Services provided by the department are in the area of I.Q. assessments, Psychodiagnostic assessments, Neuropsychological assessments, other psychological assessments, assessment of children and adolescents, Counseling, various Psychotherapies, Behaviour therapy etc.

Teaching and Training

A two-year full-term supervised clinical training programme, leading to M. Phil. Degree in Clinical Psychology (qualifying degree to practice as registered Clinical psychologist in India) was introduced in the year 2004 under Faculty of Medical Sciences, University of Delhi. Since then, the course is running successfully, admitting 15 students per year, with two extra seats for in-service candidates.

Department is also extending its facilities to post graduate students (MA - Final year) from Department of Psychology, University of Delhi, North Campus; Department of Applied Psychology, University of Delhi, South Campus; Department of Psychology, Jamia Milia Islamia; for their orientation training thorough exposure to the areas like case history taking, clinical interview, psychological assessment and therapeutic interventions.

List of M. Phil. Clinical Psychology Dissertations submitted in 2015

#	Submitted by	Title of the Dissertation	Guided by
1.	Ira Gupta	Sense of coherence and quality of life in parents of children with intellectual disability	Dr. Uday K. Sinha
2.	Jadhav Monali Ashok	Study of the metacognitive profile and coping strategies in obsessive compulsive disorder	Dr. Vibha Sharma

3.	Kikruwheno Terhuja	Stress, coping and quality of life in mothers of children with attention deficit hyperactivity disorder (ADHD)	Dr. Uday K. Sinha
4.	Meetali Devgun	Risk taking behavior & emotional dysregulation in emotionally disturbed adolescents	Dr. Uday K. Sinha
5.	Namrata Gupta	Dissociative disorder: dissociative experiences, self-concept, and interpersonal relationships in dissociative disorder	Dr. Naveen Grover
6.	Nikita Jain	A study of sense of coherence and quality of life in patients with depression	Dr. Uday K. Sinha
7.	Nupur Singhal	Clients' expectations from psychotherapy	Dr. Naveen Grover
8.	Pradeep Kr. Gupta	Working memory process in children with specific learning disability and normal control	Dr. Vibha Sharma
9.	Priyadarshi ni Pant	A study of recognition of facial emotional expressions and the ability to empathize among alcohol dependence syndrome patients	Dr. Vibha Sharma
10.	Priyanka Thagela	Post-operative neuropsychological profile and quality of life in neurosurgery patients	Dr. Uday K. Sinha
11.	Shivani Purnima	An exploratory study of experience of domestic violence among women suffering from psychiatric illness	Dr. Vibha Sharma

12.	Shreya Panjwani	A study of fear of evaluation, affectivity and personality factors in anxiety and depression	Dr. Naveen Grover
13.	Sonakshi Gandhi	Cognitive beliefs and emotional regulation in patients with obsessive compulsive disorder	Dr. Naveen Grover
14.	Vidhi Chadha	Cognitive patterns and family environment of young adults with body-image disturbances	Dr. Vibha Sharma

Publications:

Paper in National Indexed Journals:

- Sinha, U. K. (2014) Book review of Learning Disability: Theory to Practice. *Delhi Psychiatry Journal*, Vol. 17 (2), 500.
- Sharma, R., Jagadeesh, H. G., Bathi, R. J. & Sinha, U. K. (2014) Psychological risk factors for chronic apical periodontitis: a cross sectional study. *Indian Journal of Dental Advancement*, Vol. 6 (4), 1664-1668.
- Bansal, S., Gupta, S. K., Kar, S. K., Singh, P., Kumar, D. & Sinha, U. K. (2015). A rare case of very early onset obsessive compulsive disorder with co-morbid agoraphobia. *Journal of Indian Association of Child & Adolescent Mental Health*, Vol. 11 (2), 158-169.
- Singh R.; Sharma V. & Talwar U.K. (2014) Anthropology of Care: Patients with Neurological Diseases. In Sinha A.K. & Sharma K. (Eds.) *Human Ecology in an Era of globalization and Urbanization: Anthropological Dimensions*, Serials Publications, New Delhi.
- Ravinder Singh, Vibha Sharma, Sarabjeet khurana &

Upmesh K. Talwar (2014) Culture of missing girls: Anthropological insight in culture, medical technologies and medicine. *International Journal of Health, Vol.2* (1), 7-16.

- Dharmender Kumar Nehra, Pradeep Kumar, Vibha Sharma & Sheetal Nehra (2014) Alexithymia and emotional intelligence among people with cannabis dependence and health controls: A comparative study. *Dysphrenia, Vol. 5* (1) 49-55.
- Srivastav,D.; Sharma,V.& Kushwaha, S. (2014) Perceived stress, Adjustment, Coping and Subjective Well-being in the Patients of Parkinson's Disease. *Behavioural Scientist Vol.15* (1), 3-10.
- Jha, M. & Sharma, V. (2015). Dissociative Fugue Disorder: Identification and Psychological Intervention, *Psychological Studies*, 60(1):17-24
- Malik, K. & Grover, N. (2014). An Exploration of Trainees' Perception of Clinical Psychology Training in India: A Qualitative Analysis. *Psychological Studies*, 59, 260-267.
- Sachdeva, N. & Grover, N. (2014). Factors influencing hopelessness in college students. *Indian Journal of Clinical Psychology*, 41, 39-46.
- Grover, N. (2014). An Experiential Account of the Journey of Psychotherapy Training in India. *Psychological Studies*, 60, 114-118.

Psychological Test:

- Sinha, U. K. (2014) Specific Learning Disability Screening Questionnaire (SLD-SQ). New Delhi: Psychomatrix
- Sinha, U. K. (2014) Autism Spectrum Disorder Questionnaire (SLD-SQ). New Delhi: Psychomatrix
- Sinha, U. K. (2015) Pain Questionnaire. New Delhi: Psychomatrix

Book/ Chapters/ Monograph/ Guideline:

- Sinha, U. K. (2014) Suicidal behaviour in children. In Mental Health Care of Children - A Special Report (Chapter V). New Delhi: DCPCR, GNCTD
- Sinha, U. K. (2014) Mental Health Issues in Children with Psychosocial Disabilities. In Mental Health Care of Children - A Special Report (Chapter VIII). New Delhi: DCPCR, GNCTD
- Sinha, U. K. (2015) Contributed in Substance Abuse by Children in Delhi: A status paper on rehabilitation strategies. New Delhi: DCPCR, GNCTD

Presentations in Conferences/ Workshops/ Training Program/ CME:

- Dr. Uday K. Sinha participated as guest faculty in panel discussion on Arts and Sciences of Counseling at 52nd Annual National Conference of the Indian Academy of Pediatrics (PEDICON 2015) at New Delhi in January 2015
- Dr. Uday K. Sinha participated in a symposium on 'Mindfulness' at NACIACP at Ahmedabad in Feb 2015 as a speaker.
- Dr. Uday K. Sinha participated as faculty in CERP workshop at IHBAS in April 2015
- Dr. Uday K. Sinha participated as faculty in the mental health training programs for BSF doctors at IHBAS in August 2015
- Dr. Uday K. Sinha participated as faculty in CME on Revising Women's Mental Health organized by Department of Psychiatry, LHMC, New Delhi in August 2015
- Invited to deliver a lecture on "Family Mental Health and Counseling", on 18th July, 2014, in a "Training program on Counseling techniques for Senior Service Officers"

organized by Defence Institute of Psychological Research (DIPR), DRDO, Delhi.

- Invited to deliver a talk on "Mindfulness-based Interventions in Medicine and Mental Health Care: Empirical Evidence" in the Symposium on Mindfulness during 41st National Annual Conference of Indian Association of Clinical Psychologists, organized by Raksha Shakti University, Gandhinagar, Gujrat, during 6-8 February, 2015.
- Invited to deliver a talk on "Spiritually augmented Cognitive Behaviour Therapy" in International Conference on Cognitive Behavioural Interventions at AIIMS, Delhi during 2-3 March, 2015.
- Invited to deliver a talk on "Family Counselling" on 11th March 2015, in the Training program on Counseling techniques for Senior Service Officers, organized by DIPR (DRDO), Delhi.
- Dr. Naveen Grover participated in a symposium on 'Mental health issues among children and adolescent' at Annual Conference of NAOP at Bhopal in Dec 2014 as a speaker.
- Dr. Naveen Grover participated in a symposium on 'Research findings on therapist's variables among clinical psychology professionals in India' at NACIACP at Ahmadabad in Feb 2015 as a speaker.

Honor/Award:

Dr. Vibha Sharma is nominated as Honorary Chief Editor of International Journal of Contemporary Issues in Behavioural Sciences (ISSN 2395-5570). She is also nominated as member of the Editorial Committee/ Board/ Team of Delhi Psychiatry Journal/ Journal of Indian Academy of Applied Psychology/ Indian Journal of Social Sciences and Literature Studies/ Sage Publications (for Social Sciences)

DEPARTMENT OF PSYCHIATRIC SOCIAL WORK

The Department of Psychiatric Social Work constitutes an integral part of the multi disciplinary team working in the field of mental health. The department has started functioning independently since the year 1998. It works in providing holistic treatment to the patients and their caregivers. It has been involved in offering wide range of services varying from case work, group work, liaison, networking and logistic support to persons and families. These services are often combined with pharmacological treatment, social skills training, support to clients and their families, vocational and community based rehabilitation, and enhancement of their support network.

Rehabilitation is an important part of the comprehensive treatment, where the department of Psychiatric Social Work plays a significant role in providing these services. The uphill task of reintegrating persons with mental illness within their family and society seems less onerous with the support and cooperation of Government and Non Governmental Organizations dealing in the field of welfare and disability.

The department further works towards reduction of stigma and prejudice towards persons with mental illness and facilitate social inclusion by organizing outdoor picnics, facilitating patient's participation in various cultural programmes during various events.

The department has always been actively involved in Institutional programmes and worked in collaboration with other departments in organizing various programmes like Mental Health Weeks, Brain Awareness Week, Epilepsy Awareness Week and other important programmes taken up by the Institute.

Hospital Services

The Department of Psychiatric Social Work actively engages in providing psychosocial care to patients and their family members

both visiting the out-patient department as well as those admitted as in-patients. The Department provides a range of services such as Case Work and Group Work services, Family Intervention, Rehabilitation and other services like referral and liaison with various government and non-government organizations for the welfare of patients and their family members.

In the year 2014-2015, the department provided Case Work services which includes Psycho education, Life Skills Training and Crisis Intervention to 5443 patients; Group Work Services to 723 patients and Family Intervention in the form of family assistance, counselling and Home Visits to 4430 family members. Similarly, psychiatric rehabilitation services were provided to 6897 patients and referral and liaison services to 1920 patients and families. Other services such as guidance, general counseling, Income and Disability Assessment were offered for 1227 patients during the said year.

Speciality Clinics

The department also provides the above services to patients and family members visiting the Speciality Clinics such as Drug Addiction and Rehabilitation, Mental Retardation, Child and Adolescent Mental Health clinic run at the Institute. A total of 4184 persons were provided with de-addiction counseling, 261 clients with mental retardation and 382 clients and families with child and adolescent mental health problems in these specialty clinics during the year 2014 – 2015.

Other Departmental Activities

Picnic for long-stay patients – The department every year organizes picnic activities for long stay in-patients who are stabilized and fit to venture out with supervision. These picnics are planned to provide recreation, enhance social skills and facilitate reintegration back into the community. During this year the department organized two picnics to Lodi Garden during the winter season of 2014-2015.

National festivals – The department routinely coordinates celebration of National Festivals in the institute. In the same lines, this year Republic Day and Independence Day were celebrated involving staff, students, patients and their families.

Teaching and Training

The department provides Field Work and Block Placement training to Postgraduate students of Social Work from various Institutes and Universities all over India. Nearly 20 students have undergone their training in the Department for the year 2014- 2015.

Seminars/ Symposia/Conferences Attended / Papers presented

Jahanara M. Gajendragad

- Attended the National Conference on 'Mental Health and Human Rights' organised by National Human Rights Commission on 30th May, 2014 at New Delhi.
- Attended the National Conference on 'Vision for India-Conference on Disability', to be held on Friday, 12th September, 2014 to be organized by NGO Sarthak at India Islamic Cultural Centre, Delhi.
- Attended the National Conference on Social Work Practice – Scope and challenges in the present context', to be held at Kurukshetra on 14th and 15th November, 2014.
- Attended the Annual National Conference of Professional Social Work to be held at Bharatiyar University, Coimbatore from 28th to 30th January, 2015.
- Attended the National Conference of Social held at Udaipur School of Social Work Udaipur, from 27th to 28th February, 2015.
- Annual National Seminar on 'Medical Social Work Practices in

Hospital Setting: Creative Interventions and Future held by the All India Association of Medical Social work Professionals at AIIMS, New Delhi on 20th March, 2015.

- Attended the Disability Skill Conference 2015 organised by the Dept. of Empowerment of persons with Disabilities, Ministry of Social Justice and Empowerment, GOI at Vigyan Bhavan, New Delhi on 21st March, 2015.
- Attended the 5th Asia Pacific Regional Conference on Psychosocial Rehabilitation held at M.S. Ramaiah Medical College, Bangalore from 6th to 8th February, 2015.

Sangeeta Gotewal

- Paper titled "Caregivers burden in Dementia" was presented in 33rd Annual Conference of Indian Society of Professional Social Work at Bharathiar University, Coimbatore on 29th Jan.2015.
- Participated in 2nd Annual National Seminar of All India Association of Medical Social Work Professional on "Medical Social Work practices in Hospital Setting: Creative Intervention and future Avenues" held at AIIMS, New Delhi on 20th March, 2015.

Pravin B. Yannawar

- Presented Scientific Paper titled "Subjective Well-being Among Spouses of Persons with Schizophrenia in North India" in 33rd Annual National Conference of Indian Society of Professional Social Work held at Bharathiar University, Coimbatore-46 from 28th to 30th of January 2015.
- Chaired Scientific Session in 2nd Annual National Seminar of All India Association of Medical Social Work Professional on "Medical Social Work practices in Hospital Setting: Creative Intervention and future Avenues" held at AIIMS, New Delhi on 20th March, 2015.

Saswati Chakraborti

- Participated the National Conference on “Vision for India- Conference on Disability” organized by SARTHAK in collaboration with Tech Mahindra Foundation at India Islamic Cultural Center, Lodhi Road, New Delhi on 12th September, 2014.
- Presented a paper on “Impediments on the road to recovery: A case study of a person with severe mental illness” in the XXXIII Annual National Conference of Indian Society of Professional Social Work held at Bharathiar University, Coimbatore, Tamil Nadu from 28th to 30th January, 2015.
- Participated in the National Conference on “Medical Social Work practices in Hospital Setting : Creative interventions & future avenues” organized by All India Association of Medical Social Work Professionals at Conference Hall, AIIMS, New Delhi on 20th March, 2015.

Sampa Sinha

- Attended and participated in the Asia Pacific Regional Conference on Psychosocial Rehabilitation (Indian Chapter) during 6-8th February 2015 held at M.S. Ramaiah Medical Collage and Hospitals, Bengaluru.
- Participated in the National Conference on “Medical Social Work practices in Hospital setting : Creative interventions & future avenues” organized by All India Association of Medical Social Work Professionals at Conference Hall, AIIMS, New Delhi on 20th March, 2015.

Sushma Kumari

- Participated in “National Conference on Disability” on 12th September, 2014 at India Islamic Cultural Centre, Lodhi Road- New Delhi.

Himanshu Kr. Singh

- Presented a paper on "Substance use in adolescents at Sundenagri Slums-concern of community youth." in the 33rd Annual National Conference of Indian Society of Professional Social Work (ISPSW) held at Coimbatore, Tamil Nadu from 28th to 30th January, 2015.
- Participated in the National Conference on "Medical Social Work practices in Hospital setting : Creative interventions & future avenues" organized by All India Association of Medical Social Work Professionals at Conference Hall, AIIMS, New Delhi on 20th March, 2015.

**WORKSHOPS/ PUBLIC SEMINARS/ MEETINGS
CONDUCTED/ PARTICIPATED IN:****Jahanara M. Gajendragad**

- Attended the Workshop on 'Keeping Hospitals functional in Disasters', held on Friday, 5th September, 2014 organised by National Institute of Disaster Management.

Sangeeta Gotewal

- Workshop was conducted with parents of children with intellectual disability at ANCHAL charitable trust, Jhilmil. Delhi on 26th November 2014.
- Workshop was conducted with parents of children with disabilities on gender identity and adolescent problem at ANCHAL charitable trust, Jhilmil, Delhi on 17th Dec.2014.
- Workshop was conducted with parents of children with cerebral palsy on behavioural issues, organized by ANCHAL charitable trust Jhilmil, Delhi on 23rd Jan 2015 held at IHBAS, Delhi.

Pravin B. Yannawar

- Workshop was conducted on Disability organised by Anchal Charitable Trust on 23rd January 2015 held at IHBAS, Delhi.

INVITED AS EXPERTS/ RESOURCE PERSONS**Jahanara M. Gajendragad**

- Invited as Resource person to present two papers at the Training workshop on Centre of Excellence in Relapse Prevention organized by IHBAS in 'Psycho-Social Relapse Prevention Strategies in Schizophrenia' and ' Relapse Prevention Strategies in Various Settings' organised by Janssen Pharmaceuticals Ltd., on 12th and 13th December, 2014. Was also a panelist on ' Different approaches to achieving recovery in severe mental illness' at the same Workshop.
- External Examiner at the M. Phil. (P.S.W.) I and DPN I Supplementary Examination at Central Institute of Psychiatry, Ranchi held on 22nd to 24th April, 2014.
- External Examiner at the M. Phil. (P.S.W.) I and DPN I Supplementary Examination at Central Institute of Psychiatry, Ranchi held on 22nd November, 2014.
- External Examiner for the Pre-Ph.D (P.S.W) Examination at NIMHANS, Bangalore from 26th to 28th August, 2014.
- Member of the Expert Working Group under the NMHP for the preparation of Manual for Social Workers.

Abdul Arshad Naaz

Invited as Resource person on "Mental health Aspects of People with HIV/AIDS" on 11th September 2014 during the training of Master Trainers on C+ Modules of "The Global Fund to fight AIDS, Tuberculosis & Malaria, Round-7" from 10th to 12th September 2014

at Department of Social Work, Jamia Millia Islamia University, New Delhi.

CO-GUIDE

Co- Guide for M.D. thesis of Dr. Padma Angmo on "A Comparative study of Care-giver burden and Quality of Life in the Primary care givers of Patients Alcohol Dependence Syndrome and Opioid Dependence Syndrome" (2013-2016)

PUBLICATIONS

- Sampa Sinha, Jahanara M. Gajendragad (2014). Socio-cultural difficulties faced by a family of interior village community of India while managing a violent psychiatric patient at home: Analysis of a case. *Delhi Psychiatry Journal*, 184-187.

DEPARTMENT OF NEUROCHEMISTRY

The Neurochemistry Department was established with the objective of providing routine and specialized investigative facilities in diagnosis and management of Neuro-psychiatric disorders. In last 10 years, the Neurochemistry laboratory was upgraded from semiautoanalyser to fully automated autoanalyser. The complete automation of the laboratory led to improved performance of the biochemical testing. The department initiated Internal and External Quality Assurance Program to further improve the quality of the laboratory, so that its performance matches with the various laboratories at national and international level. Neurochemistry department has upgraded its laboratory as per requirement of the institute. The thyroid hormone assay was upgraded from ELISA to ECLIA. It has also started the screening for metabolic disorders, in addition to specialized tests required specifically in the neuropsychiatric setting.

Overview of the Scope of services

The Department extends various biochemical investigations to patients attending IHBAS for treatment. The routine investigations performed in the lab are blood glucose, kidney function tests, liver function tests, lipid profile, uric acid, calcium, phosphorous, chloride, CPK isoenzymes, electrolytes, CSF biochemistry, 24 hours urinary protein, creatinine clearance, glycosylated haemoglobin, gamma glutamyl transferase, amylase, lipase and acid phosphatase. Specialised investigations performed are Thyroid function tests, folic acid, Vitamin B-12, ammonia, lactate, copper and screening for aminoacidurias.

Highlights of major achievements

Patient care services

Neurochemistry department has upgraded its Fully Automated Biochemistry Analyser. Now the laboratory has Beckmann Coulter AU 480 autoanalyser from Olympus Pvt. Ltd. This is a higher and latest version of previous autoanalyser.

Teaching and training

- nNOS and iNOS gene polymorphism & expression in Zebrafish model of AD, funded by DBT under BIO-Care scheme.
- Ph.D thesis entitled "A Study on Candidate Gene Polymorphism and Environmental Exposure in Neurodegenerative Disorders: Alzheimer's disease and Parkinson's disease" Submitted in April 2014 in Faculty of Medical Sciences, University of Delhi.
- Ph.D thesis entitled "Comparative Evaluation of Newer Biodosimetric approaches to assess Acute Radiation Damage" is going on in the department under Delhi University.
- The department is actively involved in teaching and training of B.Sc and M.Sc. (Biotechnology) students as part of their summer training/dissertation program.
- The department has also been involved in teaching of M.Phil. (Clinical psychology) students.

Research

Thesis

- **Ph.D thesis (Submitted):** "A Study on Candidate Gene Polymorphism and Environmental Exposure in Neurodegenerative Disorders: Alzheimer's disease and Parkinson's disease" under University of Delhi
- **Ph.D thesis (on going):** "Comparative Evaluation of Newer Biodosimetric approaches to assess Acute Radiation Damage" under University of Delhi
- **Ph. D thesis (on going):** "A study on iron overload in Neurodegenerative Disorders: Parkinson's Disease" under Santosh Medical University, Gaziabad.

- **MD thesis (Submitted):** "A study on the thyroid abnormalities and its effects on quality of life in cases of depressive disorder" to University of Delhi
- **MD thesis (submitted):** "Prothrombotic factor in Megaloblastic Anemia and effect of treatment" to University of Delhi.
- **MD thesis (on going)** "A study of metabolic syndrome in patients on risperidone"
- **MD thesis (on going)** "A study of serum lipid profile in patients with dementia & its comparison with non-demented controls" to University of Delhi

Projects

- nNOS and iNOS gene polymorphism & expression in Zebrafish model of AD, funded by DBT under BIO-Care scheme. (on going)
- Comparative Evaluation of Newer Biodosimetric approaches to assess Acute Radiation Damage funded by ICMR (on going)
- A Study on Environmental Exposure in Alzheimer's disease, funded by ICMR. (completed and report submitted)

Future Plans

Department is in process of submitting projects with the collaboration of other institutes.

- Project entitled "Role of candidate genes in vascular Cognitive Impairment, Mild Cognitive Impairment and Alzheimer's disease: Defining the common genetic markers and pharmacogenetics" submitted in DBT with collaboration of the IHBAS, AIIMS and IGIB, Delhi.

Dr. Neelam Chhillar
Associate Professor and HOD
Publications

- S Soni, P Agrawal, N Kumar, G Mittal, DK Nishad, NK Chaudhury, A Bhatnagar, M Basu and N Chhillar. Salivary biochemical markers as potential acute toxicity parameters for acute radiation injury: A study on small experimental animals. Hum Exp Toxicol. 2015. DOI: 10.1177/0960327115579433.
- Neeraj Kumar Singh, Basu Dev Banerjee, Kiran Bala, Mitrabasu, Neelam Chhillar. Gene-Gene and Gene-Environment Interaction on the risk of Parkinson's Disease. Curr Aging Sci. 2014;7(2):101-9.
- Neelam Chhillar, Neeraj Kumar Singh, Basu Dev Banerjee, Kiran Bala, Mitrabasu, Deepika Sharma. Intergenotypic variation of VitaminB12 and Folate in AD- In north Indian Population. Ann Indian Acad Neurol. 2014 Jul;17(3):308-12.
- Neeraj Kumar Singh, Basu Dev Banerjee, Kiran Bala, Mitrabasu, Aldrin Anthony Dung Dung, Neelam Chhillar. Role of LRPAP1 and APOE gene in Parkinson's disease: A pilot study in North Indian Population. Neurol Sci. 2014 Jul;35(7):1075-81

Participation in International/National Conferences)

- 11th Asia Oceania Thyroid Association (AOTA) Congress 2014 held at Kochi on 25th to 28th September 2014.
- 44th Endocrinology Society of India Conference (ESICON) 2014 held at PGIMER, Chandigarh from 14th -16th November 2014.

Dr. Rachna Agarwal
Associate Professor
Papers published

- Talwar Puneet, Silla Yumnam, Grover Sandeep, Gupta Meenal, Agarwal Rachna, Kushwaha Suman and Kukreti Ritushree. Genomic convergence and network analysis approach to identify candidate genes in Alzheimer's disease. BMC Genomics 2014, 15:199.
- Agarwal Rachna. Quality-Improvement Measures as Effective Ways of Preventing Laboratory Errors. Lab Medicine 2014 45:e80-e88.
- Agarwal Rachna, Tripathi CB. Association of Apolipoprotein E Genetic Variation in Alzheimer's Disease in Indian Population: A Meta-analysis. American Journal of Alzheimer's Disease & Other Dementias 2014, Vol. 29 (7): 575-582.
- Sharma S, Tabassum F, Dwivedi P, Agarwal R, Kushwaha S, Bala K, *et al*. Critical appraisal of serum phenytoin variation with patient characteristics in a North Indian population. Neurol India 2015; 63:202-8.

Conferences attended:

- CME on Markers in Clinical Medicine & Research, Santosh Medical College, Ghaziabad on 26 April, 2014 & presented a paper on 'Biomarkers in Alzheimer's Disease'
- Asia Pacific Regional Conference, Alzheimer's disease International at Indian Habitat Centre, New Delhi, 7-9 Nov, 2014 & co-authored paper on 'Joint Analysis of multiple Biomarkers for Alzheimer's disease risk in North Indian population'.
- CME on Vitamin D at GB Pant Hospital, New Delhi on 22 Nov, 2014.
- Presented a lecture on 'Biomarkers in Alzheimer's Disease' in University College of Medical Sciences on 20 June, 2014.

DEPARTMENT OF MICROBIOLOGY

The department of Microbiology at IHBAS came into existence with joining of Dr. Rajeev Thakur in January 1997 with the aim to establish clinical services in diagnostic Neuromicrobiology as well as to deal with the understanding of pathogenesis of CNS infections due to variety of neuropathogens namely bacteria, viruses, parasites and fungi. The department has the following objectives:

- To provide clinical diagnostic services in Neuromicrobiology and thus contributing to clinical management of CNS infections
- To impart teaching and training to PG resident doctors, nursing and paramedical professionals
- To conduct applied research with special reference to infections of the CNS and Neuropsychiatric disorders
- To plan, organize, implement and integrate infection prevention and control practices for all health care activities in the hospital

First few years of its inception saw its growth in terms of planning and organization of manpower, and other resources including physical space for laboratories. Since then the department has been evolving through the phases from a hospital diagnostic laboratory to a tertiary care diagnostic and reference laboratory in Neuromicrobiology coupled with teaching, training and research components. The department got strengthened by joining of Dr. Renu Gupta as Assistant Professor of Microbiology in August 2008. At present the department is well equipped and has separate well developed diagnostic sections for Bacteriology; Mycobacteriology; Serology, Immunology and HIV; Parasitology and Mycology; and for Molecular microbiology.

The department focuses at providing quality clinical diagnostic services in microbiology coupled with Continuous Quality

Improvement in order to meet all diagnostic needs of the institute for a variety of neuropathogens. For this the department has also been participating in some external quality assurance programs. Since 2008, the molecular microbiology section of the department has been serving as a reference laboratory for HIV viral load monitoring for the designated ART centres of NACO for the second line ART therapy. With this collaboration with NACO, the department is also making an active contribution towards the national health program (NACP) of India.

Another key activity of the department is leadership, coordination and implementation of Infection Prevention and Control (IPC) program including Biomedical Waste Management (BWM) at IHBAS by which it is contributing not only to environment, health care worker and patient safety but also to achieving quality health care at IHBAS.

The department actively contributes in teaching and training program for PG resident doctors, nurses and laboratory professionals. In addition the department conducts teaching and training activities in Infection Prevention and Control and BWM for all health care professionals at IHBAS.

Over the past several years, the department has been involved in various in-house applied research activities. Recently, an ICMR funded extramural multicentric research project has been approved to the faculty members of the department in collaboration with department of Neurology, IHBAS and other departments of prestigious hospitals in Delhi.

An overview of the Scope of Services

- Conventional and molecular diagnostic services for variety of pathogens responsible for CNS and other bodily site infections

- Teaching and training to PG resident doctors, nursing and paramedical professionals
- Applied research with special reference to infections of the CNS and Neuropsychiatric disorders
- Infection Prevention and control including BWM and surveillance of health care associated infections
- Highlights of major achievements so far (Recommended by you for publication in the Summary Highlights of the annual report):

Patient care services

- The department is well equipped and has separate well developed diagnostic sections for Bacteriology; Mycobacteriology; Serology, Immunology and HIV; Parasitology and Mycology; and for Molecular microbiology. In the year 2011-12 the department conducted about 10000 diagnostic tests for diagnosis of CNS and other bodily site infections.
- The molecular section of the department served as reference laboratory for HIV viral load monitoring for NACO's designated ART centres.
- The department coordinated and implemented Infection Prevention and Control (IPC) program including Biomedical Waste Management (BWM) at IHBAS by which it is contributing not only to environment, health care worker and patient safety but also to achieving quality health care at IHBAS

Teaching and training

- Participated in institute's teaching and training program for PG residents, and conducted training program for nursing and paramedical professionals in infection prevention and control and BWM.

Research

ICMR funded multicentric research project on 'Molecular diagnosis and characterization of drug resistance genes in M. tuberculosis from patients of TBM and its correlation with host factors' was approved in 2011-12 .

Future Plans (Immediate)

- Maintenance and strengthening of existing services
- Working towards a comprehensive solution for molecular diagnosis and molecular basis of drug resistance in tuberculosis
- Standardization of molecular diagnosis of HSV encephalitis

Publications:

Papers: International indexed journals

National indexed journals:

- Gupta R, Kushwaha S, Behera S, Jaiswal A, Thakur R. Vertebro- cerebral cryptococcosis mimicking tuberculosis: A diagnostic dilemma in countries with high burden of tuberculosis. Ind J Med Microbiol. 2012; 30:245-48.
- Agarwal R, Chaturvedi S, Chhillar N, Goyal R, Pant I, Tripathi CB. Role of intervention on laboratory performance: evaluation of Quality Indicators in a tertiary care hospital. Ind J Clin Biochem.2012; 27(1):61-68.

Books/ Book Chapters/Monographs

- Dr. Rajeev thakur contributrd to WHO Publication on Assessment tools for Core components for IPC programmes, published in 2011.

Others (Manuals/Reports/Newsletters)

- HIC Newsletter – half yearly publication
- Microbiology Newsletter – half yearly publication

Contributions:**Presentations in International/National Conferences
(Abstracts published)**

- J Conly, R Thakur, S Eremin, C Pessoa Silva. Field evaluation of the World Health Organization (WHO) interim guidelines on infection prevention and control (IPC) of epidemic and pandemic-prone acute respiratory diseases (ARD) in health care. BMC Proceedings from International Conference on Prevention & Infection Control (ICPIC 2011) Geneva, Switzerland, 2011, 5 (Suppl 6):P280.

Participation in International/National Conferences

- Dr. Rajeev Thakur participated as WHO-EMRO temporary advisor and resource person for inter country training workshops on Infection Prevention and Control at Riyadh, Saudi Arabia in April 2011 and Cairo, Egypt, in September 2011.

Guest lectures/Public Lectures

- Series of guest lectures on applications of clinical microbiology by both faculty members of the department for young researchers from African countries under the aegis of Department of Science and Technology, - a program conducted by UCMS, Delhi in 2011.

- Conferences /Symposiums /CMEs /Workshops / Guest lectures organized

Awards/Honours

- Dr. Rajeev Thakur was invited as WHO temporary adviser for IPC training Program for 2011-12 by the WHO-EMRO.
- Dr. Rajeev Thakur successfully completed MBA (HCA), from Faculty of Management Studies (FMS), University of Delhi in March 2012.
- Dr. Renu Gupta was awarded membership of National Academy of Medical Sciences in 2011.

Professional affiliations

Dr Rajeev Thakur:

- Indian Association of Medical Microbiologists (IAMM) and Delhi State Chapter of IAMM
- Hospital Infection Society of India (HISI)
- Alliance for Prudent Use of Antibiotics (APUA)
- Japan International Cooperation Agency (JICA), India
- WHO Temporary Adviser for IPC Training Program
- FMS Alumni Association of India

Dr. Renu Gupta:

- Indian Association of Medical Microbiologists (IAMM) and Delhi State Chapter of IAMM
- Hospital Infection Society of India (HISI)

- BWM Society of India
- Indian Medical Association (IMA)

**New initiatives (Patient care services, Academic courses/
Research activities)**

- ICMR funded multicentric research project on 'Molecular diagnosis and characterization of drug resistance genes in M. tuberculosis from patients of TBM and its correlation with host factors' was approved in 2011-12 to Dr. Renu Gupta as the principal investigator for the project.

DEPARTMENT OF PATHOLOGY

Diagnostic Pathology services were started in 1996. The challenge was to develop the Pathology laboratory services in a manner which was strongly aligned to the specific current and projected needs of IHBAS- a tertiary care neuropsychiatry institute, then in its infancy. Articulating the blueprint for the role of department of Pathology within the larger framework of patient care services, teaching-training and research activities at IHBAS, involved planning not only for infrastructure, equipments and human resource needs but, more importantly, laying meticulous guidelines for all laboratory testing started then and envisaged to come up in future. Because of the uniqueness of the institute, the roadmap was different from other mainstream laboratories. It had to be supported by a constant process of learning and growing together by the laboratory staff.

The aim, during initial years, was to make IHBAS self reliant enough so as not to need diagnostic support from other hospitals or laboratories for basic investigations. Till then liaison with neighboring Guru Teg Bahadur (GTB) Hospital had been made for diagnostic services. All laboratory services were housed in one of OPD rooms. Humble beginning was made and basic hematology and fluid analysis tests were started. Cerebrospinal fluid cytology analysis was made available for the first time at IHBAS. Even during the early years, the policy of reporting urgent investigations 'As Soon As Possible' was adopted. Emphasis on quality was underscored by enrolling in 1998 for the External Quality Assurance Program for Hematology (EQAP-H) conducted by AIIMS. The policy has been continued till date without a break. Remarks such as "*one of the only two participants to have correct approach to diagnosing the case*" from EQAP-H during the early formative years were an assurance that we were on the right track.

The department of Pathology was accommodated in the Old Building in 1999-2000 and had one whole room to itself! The department became relatively better equipped in terms of instrument, reagent and chemical availability. More specialized hematology tests eg Prothrombin time (PT/PTTK), sickling test, screening for thalassemia and G6PD deficiency, LE cell phenomenon, and bone marrow aspirate examination were added. After the basic hematology and cytology diagnostic facilities were in place and a self-reliant laboratory established, efforts to establish histopathology services specifically for patients with neuromuscular disorders and central nervous system lesions were started in 2002-2003. Faculty members of the department have trained at Department of Neuropathology, NIMHANS, Bangalore and Institute of Myology, Paris, France to further this aim. Histopathology diagnostic work up now includes routine and special stains, enzyme histochemistry, immunohistochemistry. Facility for semi thin sections and fluorescent in situ hybridization has also being standardized. The department began intra operative neurosurgical reporting 2004-2005 onwards. Referral services for patients from other government hospitals were also started. Department moved to its current premises in 2007 and has adequate space and equipments to cater to all the diagnostic pathology needs of IHBAS. A Blood Storage Unit has been started by the department in 2012.

Well trained technical staff has always been recognized by us as an indispensable asset in quality diagnostic care. The staff is constantly oriented and trained to the changing needs and growth of the institute. Much of the specialized skills which the staff now has, have been acquired while in service. It was a matter of achievement when our laboratory assistants cleared the Indian Academy of Cytology Cytotechnology examination. One of our laboratory assistants was awarded 3rd prize for paper presentation at All India Medical Laboratory Technologists Association in 2005.

The department has further benefited by the initiative taken by the institute to get its services accredited by NABH. All aspects of laboratory testing i.e pre analytical, analytical and post analytical now conform to the NABH standards.

From making available very basic hematology investigations at IHBAS to starting referral services for other hospitals has been a challenging, but fulfilling journey for the department of Pathology. The staff, including faculty members, have continuously trained and evolved to the specific diagnostic pathology needs of the institute. Effort, all the while, has been to keep a focus on quality.

STAFF DETAILS

Faculty

- Dr Sujata Chaturvedi (Professor and Head), joined on 20.9.1996 as Assistant Professor
- Dr Anshu Gupta (Associate Professor), joined on 21.2.2007 as Associate Professor
- Dr Ishita Pant (Assistant Professor), joined on 28.1.2009 as Assistant Professor

Technical Staff

- Mr Prashant Shende (Laboratory technician), joined on 17.3.1998 as Laboratory assistant
- Ms Meetu Raj Behal (Laboratory technician), joined on 28.11.2002 as Laboratory assistant
- Ms Kavita Dhaiya (Laboratory assistant), joined on 1.3.2007 (contractual staff)
- Mr. Anil Pahal (Laboratory assistant), joined on 3.9.2008 (contractual staff)

- Ms Poonam Rana (Laboratory assistant), joined on 29.3.2010 (contractual staff)
- Ms Kirtika (Laboratory assistant), joined on 25.2.2013 (contractual staff)

An overview of the Scope of Services

HEMATOLOGY

Routine hemogram and all blood cell indices and counts, Reticulocyte count, ESR, Blood Group, Peripheral smear and Bone marrow aspirate examination, Bleeding time/Clotting time, coagulation profile (PT/PTTK/INR), screening for thalassemia, G6PD deficiency and sickle cell anemia.

CYTOLOGY

Fine Needle Aspiration Cytology (FNAC)
Exfoliation and Fluid Cytology

HISTOPATHOLOGY

The department specializes in the diagnostic work up of patients with neuromuscular disorders and tumorous/non tumorous lesions of the brain. Facilities available are:

- Intra operative reporting in neurosurgical cases (frozen section and squash smears)
- Formalin fixed paraffin embedded sections

Muscle

- Routine and Special stains (Modified Gomori's trichrome, Oil Red O)
- Enzyme histochemistry (Succinic Dehydrogenase, Nicotinamide adenine dinucleotide dehydrogenase, Adenine

- trinucleotide Phosphatasee)
- Immunohistochemistry (Dystrophins, Sarcoglycans, Merosin, Emerin, Dysferlin)

Nerve

- Routine and special stains (K-Pal for myelin, Masson's Trichrome)
- Immunohistochemistry: Neurofilament Protein (NFP), Myelin Basic Protein (MBP)
- Central Nervous System (CNS) lesions
- Routine and special stains: Periodic acid Schiff (PAS), Ziehl Neelsen (ZN), AgNOR etc.
- Immunohistochemistry (GFAP, NSE, NFP, S 100, synaptophysin etc.)

Highlights of major achievements so far

Patient care services

- During the one year 69047 investigations were conducted on 26379 patients. Approximately 151 referred samples were also received from other government hospitals for neuropathology work up.

Facilities for the following tests are available: Hematology-Hemogram with ESR, cell counts, packed cell volume, mean corpuscular volume, mean corpuscular hemoglobin, mean corpuscular hemoglobin concentration, erythrocyte sedimentation rate, reticulocyte count, osmotic fragility test, sickling test, screening for G6PD deficiency, blood group, bleeding and clotting time, blood and bone marrow

examination; Cytology- Fine Needle Aspiration Cytology and body fluid analysis (Urine, CSF, pleural and ascetic fluid); Histopathology- diagnostic facilities for neuromuscular disorders and CNS tumours. This includes enzyme and immunohistochemistry on a regular basis. Lately Blood Storage Unit (BSU) has also been started.

The department follows a policy of proactively informing critical and significantly out-of-range values to the treating team. Indicators like turn around time for haematology as well as histopathology samples, number of reporting errors, adherence to safety precautions by employees are regularly monitored to observe and improve the overall laboratory functioning.

TEACHING, TRAINING & RESEARCH ACTIVITIES

- Organized Blood Donation Camp in association with Blood Bank, UCMS & GTB Hospital during Independence week on 13th August, 2014 in Neurology ward, Ground Floor, IHBAS for the first time and collected 60 units of Blood.
- Imparted teaching about Blood transfusion, Emergency Laboratory services and hands on training of sample collection to Nursing staff, technical staff and Resident doctors.
- Active monitoring of NABH core indicators
- Students of DM Neurology are posted in the department for a two week training in neuropathology
- Short term training to DMLT & B Tech (Biotechnology) students from other institutes was imparted by the department so as to enable them to independently handle basic diagnostic techniques pertaining to pathology.

PUBLICATIONS

- Pant I, Chaturvedi S, Jha DK, Kumari R, Parteki S. Radiologic pathologic correlation and diagnostic approach. *J Neurosci Rural Pract* 2015; 6: 191-97
- Chaturvedi S, Pant I, Kushwaha S, Jha DK. Intravascular lymphoma: an unusual cause of rapid cognitive decline and the role of brain biopsy. *BMJ Case Reports* 2014; doi:10.1136/bcr-2014-205835
- Pant I, Chaturvedi S, Singh VKS, Kumari R. Intramedullary meningioma of spinal cord: case report of a rare tumour highlighting the differential diagnosis of spinal intramedullary neoplasma. *Indian J Pathol Microbiol* 2014; 57: 308-10
- Pant I, Chaturvedi S. Diagnostic approach to central nervous system papillary tumours. *Astrocyte* 2014; 1: 124-31
- Chaturvedi S. Combating corruption in health care organizations: methods, tools and good practices. *Astrocyte* 2014; 1: 150-3

PARTICIPATION/PRESENTATION IN CONFERENCES/WORKSHOPS

- Gupta C, Gupta A. Diagnostic accuracy assessment of strip test for chemistry and cellularity in cerebrospinal fluid. DAPCON 30th Annual Conference of IAPM Delhi Chapter organized by Post Graduate Institute of Medical Education and Research, Dr. Ram Manohar Lohia Hospital, New Delhi on 1st March, 2015.
- A Gupta attended Workshop on In-Situ Hybridization at ICMR, New Delhi from 2nd to 4th April 2014

- A Gupta attended Training Programme on Quality management Systems and Internal Audit in Medical Labs as per ISO 15189-2012 at Delhi from 24th July to 27th July,2014
- A Gupta attended Workshop on manual tissue microarray at University College of Medical sciences & GTB Hospital, Delhi-110095 on 12th April,2014.

DEPARTMENT OF NEUROPSYCHOPHARMACOLOGY

The department of Neuropsychopharmacology has the state-of-the-art facility for therapeutic drug monitoring (TDM). Routine Therapeutic drug Monitoring (TDM) services were provided for Lithium & antiepileptic drugs namely phenytoin, carbamazepine, valproic acid & phenobarbitone in lowest turnaround time. TDM is a practical and invaluable tool in patient care & research. It can help the physician provide effective and safe drug therapy in patients who need medication. TDM is important to identify drug interactions, toxicity & for effective management of epilepsy & Bipolar affective disorder. The department is one of the major provider of this TDM service in North India. In addition the department also provided plasma Homocysteine level estimation in neurological disorders & research purposes. The Dept. is well equipped with latest instruments viz, High Pressure Liquid Chromatography with UV and EC detector, automated analyser & electrolyte analyser besides other basic equipments.

Scope of services

Routine therapeutic drug monitoring (TDM) was provided for Lithium & antiepileptic drugs namely phenytoin, carbamazepine, valproic acid, phenobarbitone and levetiracetam. During the period from 1st April 2014 till 31st March, 2015 a total of 6396 tests was done. The department is enrolled in the External Quality Assurance Program (RIQAS) from Randox.

Professional achievements.

- Member Task force for Standard Treatment Guidelines, Ministry of Health & Family Welfare, Government of India, 2015.
- Member of the Accreditation Board, Healthcare Sector Skill Council (HSSC), 2014

- Chairperson Ethics Committee. Fortis Health Care Shalimar Bagh since 2013.
- Member, Ethics Committee, National AIDS Control Organization (NACO), Ministry of Health & Family Welfare, Government of India since September 10, 2008- to till date.

Teaching and Training- Co-supervisor MD course

- Thesis entitled "Comparative efficacy of IV levetiracetam and IV phenytoin in childhood seizures – a randomized control trial" registered in Department of Paediatrics, GTB Hospital registered under University of Delhi session: 2012 - 2015.
- Thesis entitled "Prothrombotic factors in megaloblastic anemia and effect of treatment" registered in Department of Paediatrics, GTB Hospital registered under University of Delhi session: 2012 - 2015.

PUBLICATIONS:

Books

- Standard Treatment Guidelines: A Manual for Medical Therapeutics. Sangeeta Sharma, GR Sethi, Usha Gupta (eds), Publisher Delhi Society for Promotion of Rational Use of Drugs and Wolters Kluwer Health, Delhi, 4th edition, 2015.
- Standard Treatment Guidelines, Special edition for Delhi jointly published by Delhi Society for Promotion of Rational Use of Drugs, Directorate of Health Services, Government of NCT of Delhi and Wolters Kluwer Health, Sangeeta Sharma, GR Sethi, Usha Gupta (eds), 2014.

Chapter

- Sangeeta Sharma. Promoting Rational Use of Medicines. YP Munjal (Editor) API Text book of Medicine 9th and 10th edition Published by the Association of Physicians of India 2014.

Original Articles in International and national Journals

- Sangeeta Sharma, Fauzia Tabassum, Pradeep Dwivedi, Rachna Agarwal, Suman Kushwaha, Kiran Bala, Sandeep Grover, Ruchi Baghel, Ritushree Kukreti, Chandra B. Tripathi. Critical appraisal of serum phenytoin variation with patient characteristics in a North Indian population. *Neurology India* March 2015; 63: 2: 202-208.

Abstract

- Ruchi Baghel, Kiran Bala, Sandeep Grover, Harpreet Kaur, Ajay Jajodia, Shama Parween, Sangeeta Sharma, Achal Srivastav, Ritushree Kukreti. Interactive association of synaptic vesicle trafficking genes with idiopathic epilepsies in north Indian population presented at 10th Asian Oceanic Epilepsy Conference (AOEC) from 7th to 10th August 2014 at Singapore.

Organization of international/ National/Zonal Training program/ Conferences/ workshops

- Member Organizing Committee and faculty for a National Training Programme for Nurses on "Medication Safety and Rational Use of Medicines organized by DSPRUD from June 27-28, 2014 at New Delhi.
- Member Organizing Committee and faculty for a National Training Programme on "Promoting Rational Use of Medicines: Enhancing Access and Safe Use of Medicines: Role of Drugs and Therapeutic Committees" organized by DSPRUD and IHBAS from April 1-3, 2014 at New Delhi.

Participation in National/Zonal Training program/ Conferences/ workshops

- Resource person for International Rational Use of Medicines Course - Focus HIV, TB & Malaria organized by IIHMR Jaipur from January 5-16, 2015 at Jaipur.

- Resource person for International Course on Pharmaceutical Management in Hospitals, from November 3 to 7, 2014 at IIHMR, Jaipur.
- Participated in International Workshop on Achieving Better Health Outcomes through Accountable Care in India organized by Engelberg Center for health Care Reformat Brookings on October 13, 2014 at New Delhi
- Resource Person for a 24th Batch of Post Graduate Certificate in Quality Management & Accreditation of Health Care Organization (QM&AHO), organized by Academy of Hospital Administration (AHA), held on March 18, 2015 at Noida.
- Resource person for 3rd Training Programme of the series on Quality Management Programme 2014-2015, for Senior Nursing Administrators, organized by Academy of Hospital Administration (AHA) from Feb 23-28, 2015 at Noida.
- Invited lectures for 1st MBA Hospital Administration organized by Academy of Hospital Administration (AHA) from Feb 7-15, 2015 at Noida.
- Invited lecture on "Use of Psychotropics: Challenges and Dilemma" at SUPER MEDCON 2014 organized by Indian Medical Association East Delhi Branch on November 2, 2014 at New Delhi.
- Invited lecture on 'Legal Issues Arising out of Research for medically Unfit Population" in second international convention on ethics in Research on Human Subjects organized by Jawaharlal Nehru University from September 2-4, 2014 at New Delhi.
- Invited lecture on "Rational Use of Medicines" at SGT Medical College, Gurgaon on August 4, 2014.

- Invited lecture in Training programme on Pharmaceutical Policy Analysis on "Rational Use of Drugs" organized by PHFI, June 3-6, 2014 at NCR Delhi.
- Resource person in an Interactive workshop on "Medication Safety" organized by National Accreditation Board for Hospitals and Healthcare Providers (NABH) April 12, 2014 at Pune.
- Resource Person for a National Training Programme on "Promoting Rational Use of Medicines: Enhancing Access and Safe Use of Medicines: Role of Drugs and Therapeutic Committees" organized by DSPRUD and IHBAS from April 1-3, 2014 at New Delhi.
- Resource person for the National Level Conference for Pharmacists "on Pharmacovigilance" organized by Nandha College of Pharmacy and Delhi Society for Promotion of Rational Use of Medicines December 5, 2014 at Erode, Tamil Nadu.
- Resource person in the workshop on "Workshop on Rational Use of Drugs and Essential Medicines" for Pharmacists organized by Nandha College of Pharmacy, Erode, Tamil Nadu on August 9-11, 2013.
- Resource person for training programme for Nurses organized by Directorate of health Services and Delhi Society for Promotion of Rational Use of Medicines June 27-28, 2014 at New Delhi.

DEPARTMENT OF EPIDEMIOLOGY

Epidemiology department at IHBAS is presently represented by one Associate Professor and the department is providing support to various clinical and preclinical departments. There are number of projects undergoing in the institute as well as protocols and thesis of MD Psychiatry, M Phil Clinical Psychology & DNB Neurology. It hence appeared imperative to develop an epidemiology lab with few computers which would be instrumental to develop and store the research protocols and analyze the data. As per the global burden of diseases, the psychiatric disorders are going to rise in near future and become one of the major contributors of burden of diseases in the world; hence keeping a check on the trend is also essential. Such trends in neuropsychiatry would be displayed in epidemiology lab.

Hospital Services

Community Services

The department conducted:

- Community awareness programs of epilepsy as well as awareness to generate confidence in children suffering from Epilepsy in the adjoining areas of IHBAS, in collaboration with the Neurology department.

Teaching and Training

Dr. Sarbjeet Khurana

- Involved in teaching and training of basic and applied aspects of epidemiology to the students of MD Psychiatry, DM Neurology, M.Phil Clinical Psychology and research staff in community projects.

Research

Dr. Sarbjeet Khurana

- Co-Supervisor of a M(Phil) Clinical Psychology thesis entitled

The efficacy of spiritually augmented cognitive behavioral therapy on life satisfaction and spirituality in the depressed elderly'.(submitted in 2011)

- Co-Supervisor of a M(Phil) Clinical Psychology thesis entitled '*Psychosocial correlates of patients with Breast cancer*'.
- * Co-investigator in the following project:
 - Children with Epilepsy: School Awareness Program – funded by IAE

Symposia /Workshops/ Conference/ Training/CME

- *Presented a paper 'Childhood epilepsy: Knowledge, attitudes and perceptions of the school teachers of Delhi', at the 56th Annual National Conference of the Indian Public Health Association held on 9th -12th February 2012 at Kochi, Kerala.*
- Attended the Project Review Committee meeting as an expert for the area of Trauma, Accidents and Injuries held on 19th March, 2012 at ICMR Hqrs., New Delhi.
- Attended series of meetings in DHO Office Shahdara North, held every month, in the capacity of Nodal Officer Vector Borne diseases. These meetings are held for review of situations prevailing in the district and for enhancing the monitoring and control of the vector borne diseases.

Professional affiliations

- Life Member of "Indian Association of Public Health".
- Life Member of "Indian Association of Preventive and Social Medicine".
- Life Member of "Indian Journal of Preventive and Social Medicine".

- Member of the Project Review Committee of ICMR Hqrs, New Delhi for the area of Trauma, Accidents and Injuries.

Other achievements/administrative duties

- Officer-in-charge-II, Annual report of IHBAS
- Nodal officer for reporting of Notifiable diseases
- Nodal officer for control of Vector-borne diseases

Research Publications (Books/Monographs/Chapters in Books/Research)

- Neelam Chhillar, *Sarbjeet Khurana*, Rachna Agarwal, Deepika Sharma. Relation between Gamma-glutamyl transferase (GGT) and Lipids in North India. *IJMS* Vol 1, No 4 (2012)

Chapters in Books

Social, Cultural and Ethical Issues in Dementia---Ravinder Singh, Sarbjeet Khurana, Kiran Bala & Mahesh Bhargava: In Clinical Neuropsychology Assessment & Rehabilitation: A Practical approach. Edited by: Dr Vibha Sharma, Miss Shehzadi. Published by Harprasad Institute of Behavioral Sciences of Agra, 2011

DEPARTMENT OF BIOSTATISTICS

The department of Biostatistics had been created since the inception of the institute. The department became functional after joining of a faculty member (Assistant Professor) in February 17, 2005. The department is establishing a computer centre to organized training program for statistical software.

Scope of the Department

Biostatistics is the application of statistics to biology, medicine, public health and drug development. The subject is concerned with the design of experiments and surveys, the storing and organization of the data collected and their analysis and interpretation. The character and content of the discipline of Biostatistics has undergone a radical change during the last few decades. From being a passive and descriptive discipline, Biostatistics has emerged as a vigorous, dynamic and constructive instrument of decision making in the area of health and medical care. Powerful and sophisticated statistical techniques of planning and analysis of biological experiments and investigations, and application of operations research techniques in health care delivery have opened up new dimensions and capabilities in medical and health research. In this context, a medical person's training, particularly that of a medical/ health researchers, social scientists and demographer's would be considered incomplete today without a reasonable acquaintance with the potentialities of applications of bio-statistical techniques to enable him/her to plan his/her research studies with scientifically and statistically valid designs and to arrive at valid and meaningful conclusions applying appropriate statistical methods.

Highlights of Major Achievements:

Patients Care Services

Not applicable

Teaching and training:

The department is involved in teaching of Biostatistics and Research Methodology to MD (Psychiatry) and M.Phil. (Clinical Psychology) scholars.

Research:

- Supervising, M.D. (Psychiatry) thesis titled "Anxiety and Depression in Patients of Children with Mental Retardation" as Co-supervisor.
- Supervising, DM (Neurology) thesis titled "A Study Psychological Comorbidity in Patients with Epilepsy" as Co-supervisor.
- Supervised, M. Phil (Clinical Psychology) dissertation titled "Behavioural and Psychological Risk Factors for Non-Communicable Diseases (NCDs) among Industrial Workers" as Co-supervisor.

Publications**Papers****International indexed journals**

Agarwal Rachna, Tripathi CB. Association of Apolipoprotein E Genetic Variation in Alzheimer's Disease in Indian Population: A Meta-analysis. American Journal of Alzheimer's Disease & Other Dementias 2014, Vol. 29 (7): 575-582.

National indexed journals

- Sharma S, Tabassum F, Dwivedi P, Agarwal R, Kushwaha S, Bala K, Grover S, Baghel R, Kukreti R, Tripathi CB. Critical appraisal of Serum Phenylalanine Variation with Patient Characteristics in a North Indian Population. Neurology India 2015; 63: 202-208.

Presentation in International / National Conference (Abstracts published):

Presented the paper titled "Association of Apolipoprotein E Polymorphism in Alzheimer's Disease in Indian population – A Meta-analysis" in the 20th IEA World Congress of Epidemiology organized by International Epidemiological Association, Anchorage, Alaska, USA, held during August 17-21, 2014.

Presented the paper titled "Prevalence of Epilepsy in India – A Meta-analysis" in the 32nd Annual National conference of Indian Society for Medical Statistics (ISMS) organized by Department of Statistics, University of Jammu, Jammu, India, held during November 1-3, 2014.

Guest lectures / Public lectures:

- Invited as Guest Faculty to deliver a lecture on the topics: Descriptive Statistics, Correlation and Regression Analysis, Research Designs & Sample Size Calculation in various Studies in National Biostatistics Symposium, held during March 18-21, 2015, organized by Department of Neurology, Institute of Medical Sciences, BHU, Varanasi.
- Invited as Resource Faculty to deliver a lecture on Hypothesis Verification: Parametric & Non-parametric Methods in Training Program on Recent Advances in Survey Design and Analysis of Survey Data using Statistical Software, held on November 05, 2014, organized by The Centre of Advance Faculty Training in Agricultural Statistics and Computer Application at the Indian Agricultural Statistics Research Institute, New Delhi.
- Invited as a Member, Board of Studies (BOS), Department of Mathematics and Statistics, Sharda University, Greater NOIDA, India, to attend the BOS meeting for screening the syllabus of M.Sc. (Statistics), held on June 15, 2014.

- Invited as Resource Faculty to deliver a lecture on How to calculate sample size and collect data in Workshop on Research Methodology for Clinicians, held on June 08, 2014, organized by Anesthesia and Critical Care Foundation at India Habitat Centre, New Delhi.

Awarded / Honours :

- Annual Membership of International Society for Clinical Biostatistics has been awarded.
- Annual Membership of International Statistical Institute has been awarded.

DEPARTMENT OF MEDICAL ANTHROPOLOGY

Medical anthropology encompasses the application of anthropological understanding and methods to address the issues of health, particularly of mental health and illness and its suffering of human beings. It works closely with psychiatry, neurology, clinical psychology, psychiatric social work, Epidemiology, Neurosurgery, other physio/occupational therapists and nursing professional associated to mental health professional's work. It draws upon socio-cultural, and biological anthropology to understand better those factors which influence mental health and well being, the experiences and distribution of neuro-psychiatric illnesses in the local worlds of social sufferings.

Teaching and Training

Department assisted in teaching M. Phil Clinical Psychology and M D Psychiatry and any other assignment related to their Teaching.

Publication

- Singh, Ravinder; Akshi Duggal, Upmesh K. Talwar(2015). Ethnographic Studies on Alcoholism and Other Substance Uses. Journal of Contemporary Issues in Behavioral Sciences, vol. 1(1), 2015, pp 63-72
- Singh, Avtar; Akshi Duggal and Ravinder Singh(2015). Elderly Abuse: Suffering in Silence - who is listening? Some Concern for Social Work Practices. International Journal of Health. 3(1)2015;14-19;doi: 10.14419/ijh.v3i1.4497
- Gautam, V.K.S; Sarbjeet Khurana and Ravinder Singh (2015). Multi Drug Resistant Tuberculous Meningitis With Hydrocephalus Treated With Ventriulo-Peritoneal Shunting–A Review. International Journal of Medicine. 3(1) (2015)22-25. doi :10.14419/ijm.v3i1.4349

- Upmesh K Talwar , Ashki Duggal and Ravinder Singh(2014). Psychiatric and Disabled People: Legal and Human Right Aspects. *International Journal of Health*. 2(2) 2014; pp-49-57. doi :10.14419/ijh.v2i2.3706
- Gautam, V.K.S., Ravinder Singh and Sarbjeet Khurana (2014). Reviewing Neurosurgical Management in Brain Metastases: Three Case Reports. *International Journal of Medicine*. 2(2)(2014); 87-90. doi: 10.14419/ijm.v2i2.3670
- Renu Goyal, Sarbjeet Khurana and Ravinder Singh (2014). Progress, challenges and opportunities for HIV prevention and control among High Risk Group: A public health perspective. *International Journal of Medicine*. 2(2)(2014); 76-80. doi: 10.14419/ijm.v2i2.3564
- Singh, Ravinder and Talwar, Upmesh K. (2014). The History of voluntarism in India, München, GRIN Verlag GmbH, GmbH ,<http://www.hausarbeiten.de/faecher/vorschau/281695.html>
- Shrivastava, Ankur; V.K.S Gautam, Akriti Khare, Ravinder Singh (2014). CNS Tuberculoma Mimicking Brain Metastasis. *International Journal of Medicine*. 2(2) 2014;pp68-70; doi: 10.14419/ijm.v2i2.3452
- Singh, Ravinder; Upmesh K. Talwar and Ajita Rani (2014). Understanding Interpersonal Relationship and Human Group Behavior. Munich, GRIN Publishing, GmbH, [http://www.grin.com/en/e-ook/280961/Understanding Interpersonal Relationship and Human Group Behavior](http://www.grin.com/en/e-ook/280961/Understanding-Interpersonal-Relationship-and-Human-Group-Behavior).
- Gautam, V.K.S., Ravinder Singh and Sarbjeet Khurana (2014). Reviewing the Hydrocephalus: Personal experience of a Neurosurgeon with Ventriculoperitoneal Shunt Treatment. *International Journal of Medicine*. 2(2) 2014; 56-59. doi: 10.14419/ijm.v2i2.3219

- Gautam, V.K.S., Ravinder Singh and Sarbjeet Khurana (2014). Hydro cephalus: Treated with Ventriculoperitoneal Shunt surgery: A Clinical Audit. *International Journal of Health*. 2(2) 2014; 26-29. doi :[10.14419/ijh.v2i2.2849](https://doi.org/10.14419/ijh.v2i2.2849)
- Singh, Ravinder Vibha Sharma, Sarbjeet Khurana, Upmesh Talwar (2014). Culture of Missing Girls: Anthropological insight in Culture, Medical Technologies and Medicine. *International Journal of Health*, 2 (1) (2014), 7-16 doi :[10.14419/ijh.v2i1.2017](https://doi.org/10.14419/ijh.v2i1.2017)
- **Administrative Duties:** Officer In-charge of *Scientific Projects*, and *Pulse Polio Programme*, Department also looks after these assigned duties of the Institute and other duties assigned by Office of the Director.

Hospital Statistics at a glance

Outpatient statistics

Department of Psychiatry

Psychiatry	2013	2014	% (increase/decrease)
Total	238070	241193	↑ 1.31
Old case	204131	206515	↑ 1.17
New case	33939	34678	↑ 2.18

Department of Neurology

Neurology	2013	2014	% (increase/decrease)
Total	159951	174347	↑ 9.00
Old case	129505	142894	↑ 10.34
New case	30446	31453	↑ 3.31

Department of Neurosurgery

Neurosurgery	2013	2014	% (increase/decrease)
Total	4194	4931	↑ 19.16
Old case	2608	2822	↑ 9.67
New case	1586	2109	↑ 34.77

In patient statistics

Department of Psychiatry

Psychiatry	2013	2014	increase/decrease)
Admission	3549	3892	↓ 9.66
Discharge	3562	3913	↑ 9.85
Bed Occupancy rate (%)	87	87	-%

Department of Neurology

Neurology	2013	2014	(% (increase/decrease)
Admission	1333	1300	↓ -2.48
Discharge	1393	1313	↓ -5.74
Bed Occupancy rate (%)	81	74	↑-8.57

Department of Neurosurgery

Neurosurgery	2013	2014	(% (increase/decrease)
Admission	293	306	↓ 4.44
Discharge	307	313	↓ 1.95
Bed Occupancy rate (%)	37	48	↓ 31.45

Emergency Services

Emergency Services	2013	2014	% (increase/decrease)
Total	30592	33305	↑ 9
Psychiatry	19312	18964	↑ -2
Neurology	11280	14341	↑ 27

Speciality Clinics Services

Speciality Clinics Services	2013	2014	% (increase/decrease)
Mental Retardation Clinic	10484	11917	↑ 13.67
Child Adolescence Psychiatric Clinic	8854	9943	↑ 12.30
Neurobehaviour Clinic	769	786	↑ 2.21
Movement Disorder Clinic	604	939	↑ 55.46
Marital & Psychosexual Clinic	1453	1289	↑ 11.29
Tobacco Cessation Clinic	657	559	↑ 0.30
Epilepsy Clinic	1882	1148	↑ -39.00
Drug Abuse Treatment & Rehabilitation Centre	7968	7048	↑ -11.55

Clinical Psychology Services

Clinical Psychology Services	2013	2014	% (increase/decrease)
Total Sessions Conducted	24911	23899	↓ -4
IQ Assessment	5166	7440	↓ 44

Other Services

Other Services	2013	2014	% (increase/decrease)
Physiotherapy Services	11834	14069	↑ 19
Occupational Therapy Services	3541	4161	↑ 18
Psychiatric Social Work Services	23517	24682	↑ 5

Community Outreach Clinics

Community Outreach Clinics	2013	2014	% (increase/decrease)
Jahangirpuri	10353	10869	↓ 4.98
Chhattarpur	5340	5917	↑ 10.81
Jama Masjid	1962	2384	↓ 21.51

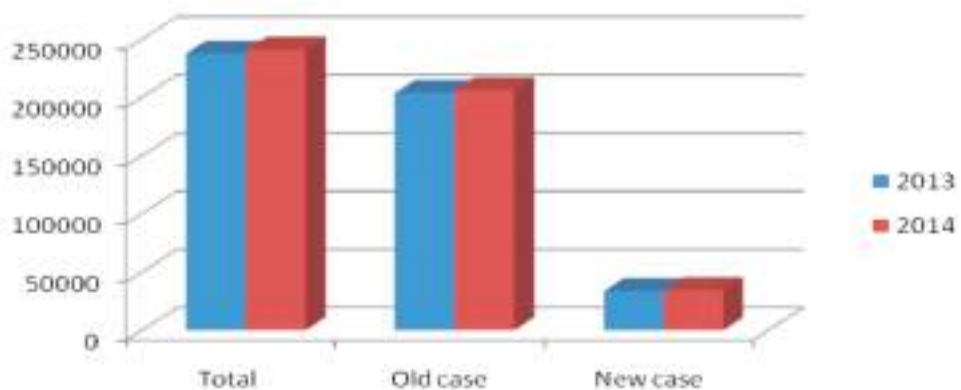
Laboratory Services

Laboratory Services	2013	2014	%(increase/decrease)
Pathology	53490	68504	↑ 28
Neurochemistry	328429	421939	↑ 28
Microbiology	12251	421939	↑ 55
Neuro- psychopharmacology	10362	18964	↑ -47

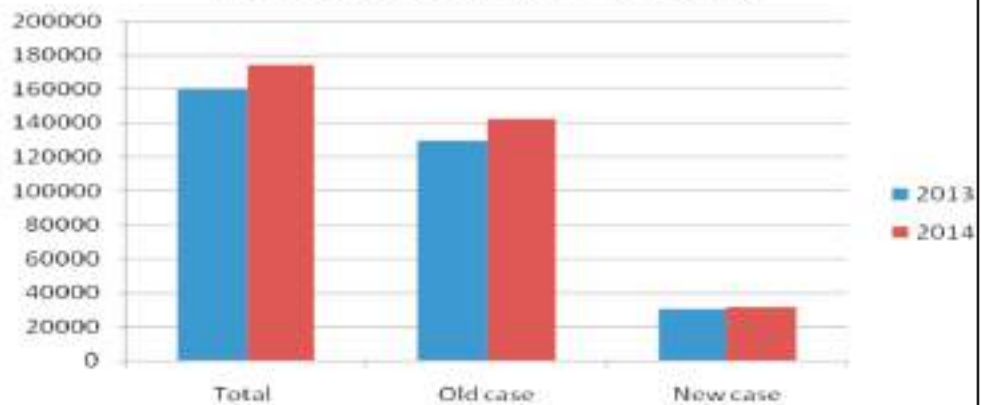
Radiology Services

Radiology Services	2013	2014	%(increase/decrease)
X-Ray	6554	8089	↑ 23
Ultra Sound	2642	3241	↑ 23

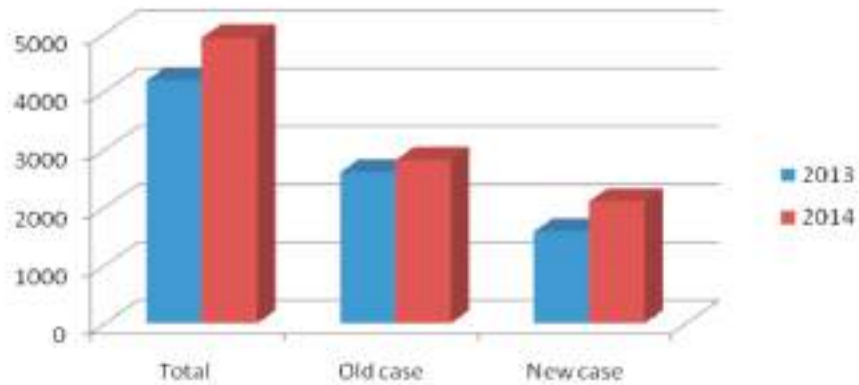
Outpatient Statistics Department of Psychiatry



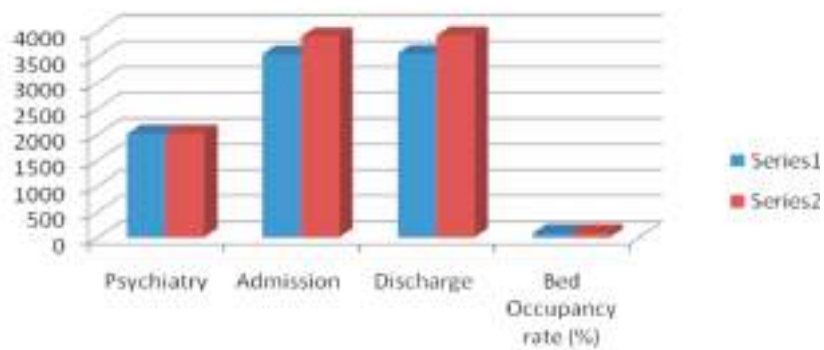
Department of Neurology

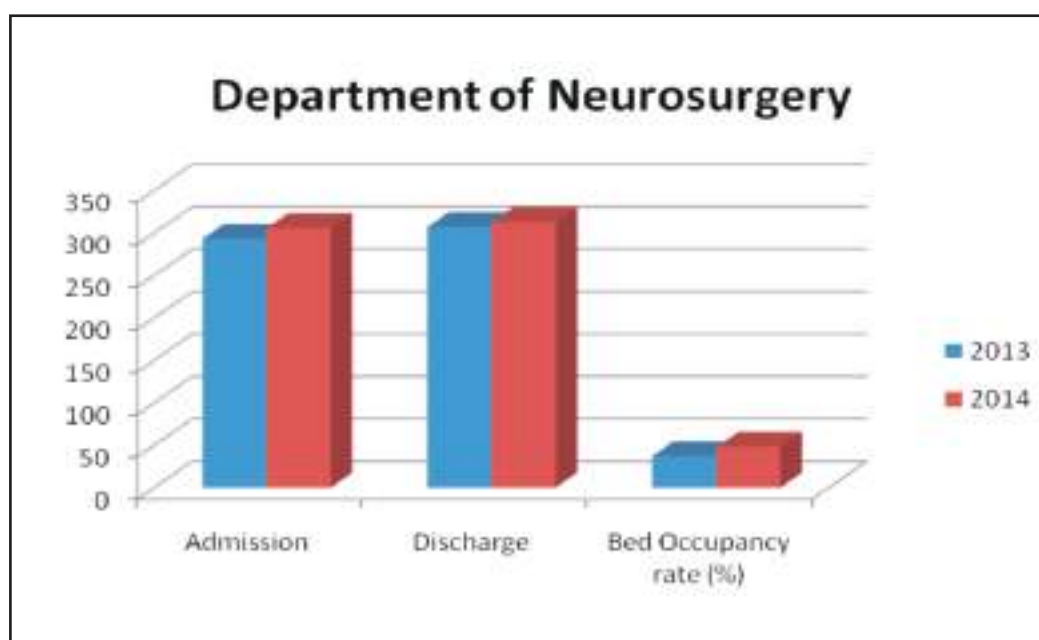
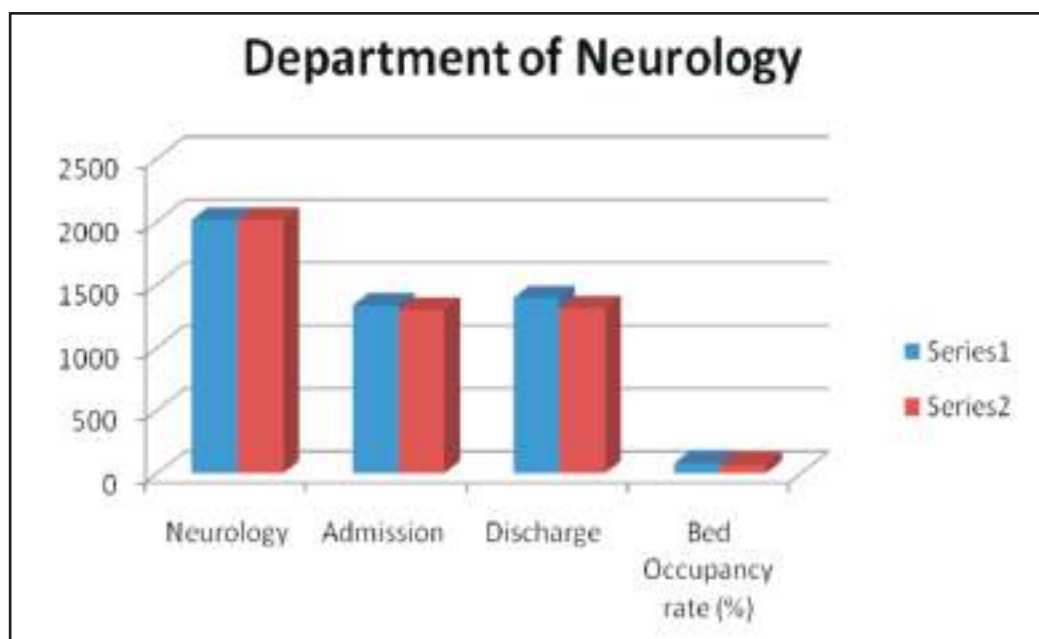


Department of Neurosurgery

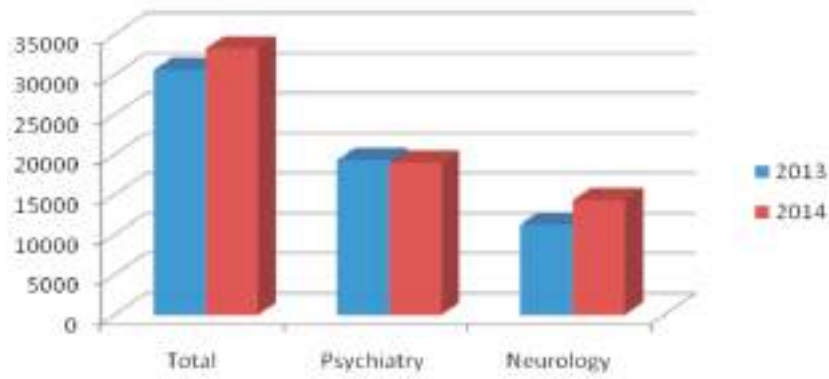


In patient statistics Department of Psychiatry

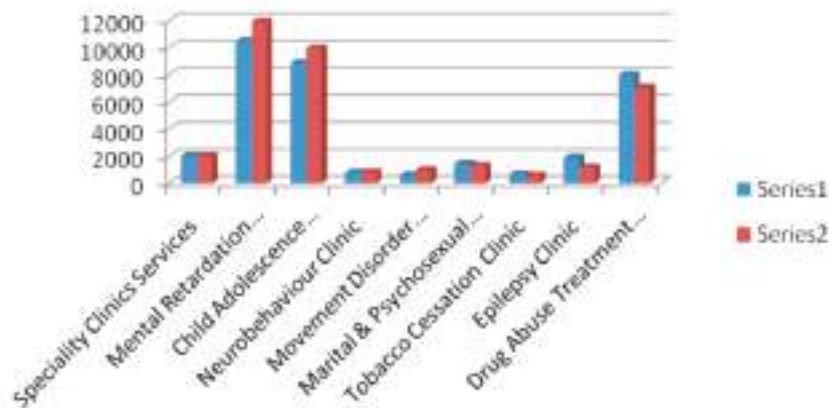




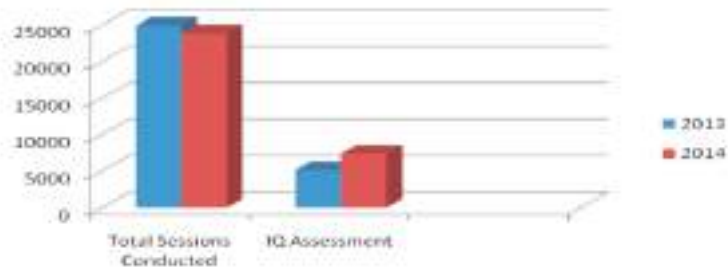
Emergency Services



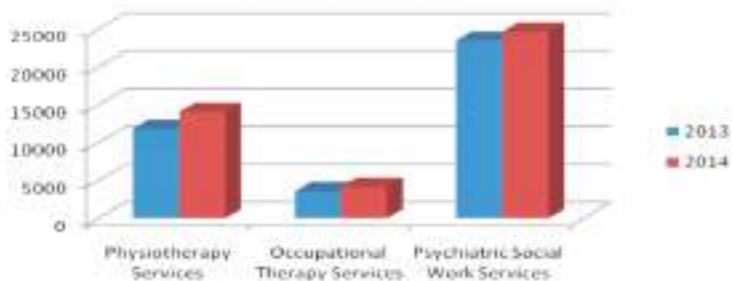
Speciality Clinics Services



Clinical Psychology Services



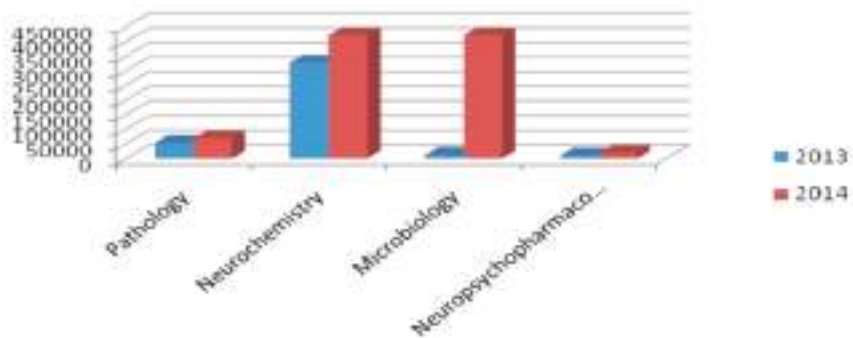
Other Services

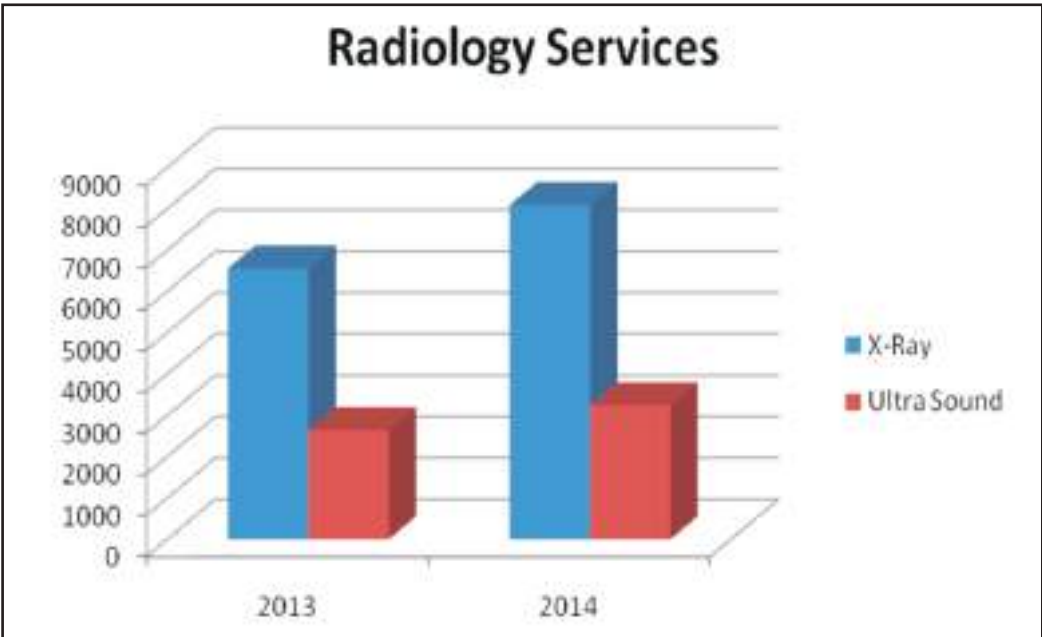


Community Outreach Clinics



Laboratory Services





Library and Information Centre

The library and Information centre continues to be an essential component of the institute's outstanding research and education mission. It provides information and caters to the study needs of the Faculty Members, Doctors, Researches and Students. It enables learning and advancement of knowledge to promote research activities.

Library has developed an update collection of books, periodicals, annual reports in the area of mental health and neuro sciences. Approx. 230 new titles on different subjects were added in the library holdings and 144 scientific journals (Foreign & Indian) were processed for subscription during the year. Library has also subscribed WHO global subscription print + On line for the year 2015. Library equipped with modern information technology and continued to provide Internet, email services to its users to access global databases. Library has subscribed Karger package of 17-e journals & 4 e-books (1998-2015) for access to the users. Library is a member of NMLERMED Consortia to access online databases for resource sharing of 259 e-journals during the year.

Physical verification of library holdings was carried out. A very few documents were found missing. Efforts has been made to trace out the same and write off the missing books has been completed. . Library timing has been extended after office hours till up to 9.00 P.M. to extend facility to the users. Exchange programme were established with different national and international institutions such as NIMHANS, Bangalore, National Medical Library NML, New Delhi, World Health Organization (WHO), NIDA etc. to retrieve the update information in the related subject fields. Back volumes of journals were made arranged alphabetically & chronologically for binding purposes during the year. The photocopy services has been contracted out to the private agency on nominal charges to enhance the facility to internal and external users of library.

Institute website has been developed on URL <http://www.ihbas.delhigovt.nic.in> and updation of the same is being carried out regularly. Internet facility through MTS data cards have been provided to the faculty members & other users during the period. AMC of computers, Institute advertisement, results, On line data feeding of CPGS, RTI & Tenders were uploaded on the website regularly during period.

Conference/Symposia

- Dr. S.K.Pandey, Lib. & Doc. Officer has participated and presented a paper on "Role of librarian in present Scenario" at National Convention of Medical Library Association of India (MLAI- 2014) held at Udaipur, 15-17 Dec. 2014.
- Dr. S.K.Pandey, Lib. & Doc. Officer has participated in the panel discussion on "Library Administration & Management" conducted by Rangnathan Research Circle (RRC) on August 24, 2014 at Pragati Maidan, Delhi.

ENGINEERING SECTION

IHBAS has a full Engineering Section comprising of personnel who undertake Electrical, Civil and Horticulture activities.

The department is headed by Superintending Engineer, who is also the Project Manager for "Remodelling of IHBAS Project". The Engineering Section comprises of Electrical and Civil divisions, each headed by Executive Engineer duly supported by Assistant Engineers and Junior Engineers.

Scope of Services

The Engineering Section of the Institute undertakes all activities related to Engineering Works. The Executive Engineer (Civil) looks after Civil Works for construction, renovation and maintenance as well as Horticulture works and nursery. The Executive Engineer (Electrical) handles all activities pertaining to construction, renovation and maintenance of electrical works.

Undergoing renovation/ construction activities

The existing Kitchen of the institute is being renovated for modernization and to suit the needs of hospital. Also, the ramp for connecting the upper floors of the hospital blocks is under construction and is on the verge of completion. The complete renovation of old Doctors Hostel has been started and scheduled for completion in around eight months period.

Upcoming plans for construction (Immediate)

IHBAS has been identified as one of the Centres of Excellence by Ministry of Health & Family Welfare, Govt. Of India and the construction work is likely to be started soon after clearance of local bodies. Also, the construction of 02 Nos. Half Way Homes is underway for construction the Complete renovation of existing old Psychiatry wards is being started by taking up one by one blocks in a phased manner.

GENERAL INFORMATION
Present Staff at IHBAS as on 31.3.2015

Sl. No.	Name Of Post	Sanctioned Posts	Filled Up	Vacant	Remarks
1	Director	1	1	0	
2	Emeritus Prof.	2	2	0	
3	Medical Superintendent	1	0	1	
4	Joint Director (Admn)	1	0	1	
5	FA & CAO	1	0	1	

Sl. No.	Name of Posts/Designation	Sanctioned	Filled as on 31.03.2015
Group A			
1	Medical	221	121
2	Paramedical		
(i)	Nursing Staff	18	05
(ii)	Other Staff	02	01
3	Admn.	07	04
4	Planning & Statistics	N/A	N/A
5	Accounts	01	0
6	I.T.	N/A	N/A
7	Others (Specify) (Engg., Faculty(Non-Medical), Clinical Psychologist, PSW, Emeritus Prof. PDFL Research)	73	21

Group B			
8	Medical	N/A	N/A
9	Paramedical		
(i)	Nursing Staff	275	206
(ii)	Other Staff	31	22
10	Admn.	34	18
11	Planning & Statistics	N/A	N/A
12	Accounts	04	04
13	I.T.	N/A	N/A
14	Others(Specify) (Engg; Sr. Demonstrator; Under ICMR)	13	08
Group C			
15	Medical	N/A	N/A
16	Paramedical		
(i)	Nursing Staff	N/A	N/A
(ii)	Other Staff	84	61
17	Admn.	39	33
18	Planning & Statistics	N/A	N/A
19	Accounts	N/A	N/A
20	I.T.	N/A	N/A
21	N.Os./Peons/Attendants	N/A	N/A
22	Sanitation	N/A	N/A
i)	Govt.	N/A	N/A
ii)	Pvt.	N/A	N/A
23	Security	N/A	N/A
I)	Govt.	N/A	N/A
ii)	Pvt.	N/A	N/A
24	Others(Specify) (Lib. Attendant; Cook; Class IV (D); Hawaldar)	19	09

FACULTY OF IHBAS

Director

Prof. Nimesh G. Desai (Psychiatry)

Emeritus Professor

- Prof. S D Sharma (Psychiatry)
- Prof. M. Gourie Devi (Neurology)

Professors

- Dr. Sujata Chaturvedi (Pathology)
- Dr. Sangeeta Sharma (Neuropsychopharmacology)
- Dr. Rajiv Thakur (Microbiology)

Additional Professors

- Dr. Kiran Bala (Neurology) (on lien)
- Dr. Uday Kumar Sinha (Clinical Psychology)

Associate Professors

- Dr. Neelam Chhillar (Neuro Chemistry)
- Dr. Anshu Gupta (Pathology)
- Dr. P.K. Upadhayay (Neurosurgery)
- Dr. Deepak Kumar (Psychiatry)
- Dr. Suman Seryam Kushwaha (Neurology)
- Dr. Rachna Agarwal (Neuro Chemistry)
- Dr. Om Prakash (Psychiatry)
- Dr. Vibha Sharma (Clinical Psychology)
- Dr. Jahanara M. Gajendragad (Psychiatric Social Work)

- D. Sarbjeet Khurana (Epidemiology)
- Dr. Mukul Kumar Jain (Neuro-Anesthesia)
- Dr. C.B. Tripathi (Biostatistics)
- Dr. Rajesh Kumar (Psychiatry)
- Dr. Rima Kumari (Neuro Radiology)
- Dr. Vijender Singh (Psychiatry)
- Dr. Ravinder Singh (Medical Anthropology)

Assistant Professors

- Dr. Vinod Kumar Singh Gautam (Neurosurgery)
- Dr. Deepak Kumar Jha (Neurosurgery)
- Dr. Arvind Kumar Arya (NeuroAnesthesia)
- D. Renu Gupta (Microbiology)
- Dr. Naveen Grover (Clinical Psychology)
- Dr. Ishita Pant (Pathology)
- Dr. Pankaj Kumar (Psychiatry)
- Dr. Manoj Kumar (Psychiatry)
- Dr. Aldrin Anthony Dung Dung (Neurology)
- Dr. Siddharth Maheswari (Neurology)
- Dr. Amit Khanna (Psychiatry)
- Dr. Amit Garg (Psychiatry)
- Dr. Sumit Kumar Gupta (Psychiatry)
- Dr. Paramjeet Singh (Psychiatry)
- Dr. Vishal Dhiman (Psychiatry) (under COE)
- Dr. Akhilesh Kumar Singh (Psychiatry) (under COE)
- Dr. Monali Chaturvedi (Neuro-Radiology)

Committees And Apex Bodies Of IHBAS

COMMITTEES AND APEX BODIES OF IHBAS

- General Body
- Executive Council
- Standing Finance and Budget Committee
- Building and Works Committee
- Rehabilitation Committee
- Academic Committee
- Establishment Committee
- Scientific Advisory Committee
- Ethics Committee
- Board of Visitors

General Body

- Hon'ble Minister of Health, Government of NCT of Delhi and President of IHBAS
- Chief Secretary, Government of NCT of Delhi and Vice-President of General Body of IHBAS
- Vice Chancellor, Delhi University and Vice-President of General Body of IHBAS
- Joint Secretary, Ministry of Health & Family Welfare, Government of India and Vice-President of General Body of IHBAS
- Principal Secretary (Finance), Government of NCT of Delhi
- Principal Secretary (H&FW), Government of NCT of Delhi
- Principal, University College of Medical Sciences (UCMS), Delhi
- Medical Superintendent, GTB Hospital, Delhi
- Advisor (Health), Planning Commission, Yojana Bhawan
- Joint Secretary (T), Department of Education, Ministry of Human Resource Development, Government of India
- DDG (DD), Ministry of Social Justice and Empowerment, Govt. of India
- Advisor/Scientist 'G', Department of Bio-Technology, 7-8 Floor, Block-2, CGO Complex, Lodhi Road, New Delhi.
- Advisor (TT), Department of Science & Technology, Technology Bhawan, New Mehrauli Road, New Delhi.

- Dr.Bela Shah, Chief Sr. Deputy Director, NCD, ICMR, Ansari Nagar, New Delhi-110029.
- Prof. Ranjit Roy Chaudhury, Emeritus Scientist, National Institute of Immunology, New Delhi
- Prof. P.N. Tandon, Professor Emeritus, Department of Neurosurgery, AIIMS, New Delhi-110029.
- Dr. S.K. Khandelwal, Professor of Psychiatry, AIIMS, New Delhi.
- Prof. N.G. Desai, Professor, Head, Deptt. of Psychiatry, IHBAS.
- Dr. T.B. Singh, Professor of Clinical Psychology, IHBAS.
- Director, IHBAS – Member Secretary

Executive Council

- Chief Secretary, Government of NCT of Delhi-cum-Chairman of IHBAS, Delhi Sachivalaya, IP Estate, New Delhi.
- Additional Secretary & Financial Adviser, Ministry of Health & Family Welfare, Government of India, Nirman Bhawan, New Delhi.
- Joint Secretary, Ministry of Health & Family Welfare, Government of India, Nirman Bhawan, New Delhi.
- Principal Secretary (Finance), Government of NCT of Delhi, Delhi Sachivalaya, IP Estate, New Delhi.
- Principal Secretary (H&FW), Government of NCT of Delhi, Delhi Sachivalaya, IP Estate, New Delhi.
- Principal, UCMS, Delhi.

- Medical Superintendent, G.T.B. Hospital, Delhi.
- Dr. Manju Mehta, Professor and HOD (Clinical Psychology) AIIMS, New Delhi.
- Professor A.K. Singh, Director (Neurosurgery Dept.), FORTIS Hospital, NOIDA
- Professor M. Gourie-Devi, Advisor (Neurology), IHBAS
- Professor & HOD (Clinical Psychology), IHBAS, Delhi
- Professor & HOD (Neuropsychopharmacology)., IHBAS
- Joint Director (Administration), IHBAS
- Senior Accounts Officer, IHBAS
- Prof. Dr N G Desai, Director, IHBAS- Member secretary

Standing finance and budget committee

Chairman

- Principal Secretary (Finance) Government of NCT of Delhi

Members

- Principal Secretary (Health & Family Welfare) Government of NCT of Delhi
- AS &FA, Ministry of Health & Family Welfare, Government of India
- Director, IHBAS, Delhi

- Joint Director (Administration)
- FA & CAO, IHBAS. Delhi

Building and Works Committee

Chairman

Principal Secretary (H&FW), GNCTD

Members

- Dr. Nimesh G. Desai, Director, IHBAS & Member, B&WC
- Shri P.B. Vijay, Retd. DG(W), CPWD & Member, B&WC - A-39/B, Munirka, New Delhi-110006
- Shri Mukesh Bajpai, Architect, CDB, DGHS on behalf of Dr. Chandrashekhar R, Chief Architect, DGHS & Member, B&WC - Room No. 405, Nirman Bhawan, New Delhi-110011
- Shri Birbal Singh, Acting Joint Director (Administration), IHBAS & Member, B&WC
- Shri Alok Varma, Superintending Engineer, IHBAS & Member, B&WC
- Shri Dharam Pal, Acting FA&CAO, IHBAS & Member, B&WC

Rehabilitation Committee

Chairman

Prof (Dr.) Nimesh G. Desai, Director, IHBAS, Delhi

Members

- Mr. Pankaj Joshi, Jt. Secretary, CDD, Ministry of Social Justice and Empowerment, Government of India, New Delhi
- Dr. S.K. Chaturvedi, Professor of Psychiatry and head, Department of Rehabilitation, NIMHANS, Bangalore.
- Mr. P.K. Sharma, Deputy Director, Social Welfare, GNCTof Delhi
- Mrs. Sreerupa Mitra Choudhary, Chairperson, Sudinalaya, Delhi
- Mrs. Paramjeet Kaur, Director, Ashray Adhikar Abhiyan, Delhi
- Mrs. Rangashree Kishore, Richmond Fellowship, Delhi
- Dr. Rupali P. Shivalkar, Associate Professor of Psychiatry, IHBAS, Delhi
- Dr. Jahanara MG, Associate Professor of Psychiatric Social Work, IHBAS, Delhi
- Dr. Vibha Sharma, Associate Professor of Clinical psychology, IHBAS, Delhi
- Dr. Pankaj Kumar, Asstt. Professor of Psychiatry, IHBAS, Delhi
- Dr. Vijender Singh, Associate Professor of Psychiatry, IHBAS, Delhi-Member Secretary

Academic Committee

Chairman

Prof (Dr.) Nimesh G. Desai, Director, IHBAS, Delhi

Members

- Dr. Amol Ranjan Singh, Director, RINPAS, Ranchi
- Dr. V. Ravi, Registrar, NIMHANS, Bangalore
- Dr.S.V. Madhu, Head, Department of Medicine, UCMS, Delhi
- Dr.N.K. Chadha, Head, Department of Psychology, University of Delhi
- Dr.M.M.Mehndiratta, Professor of Neurology, GB Pant Hospital, New Delhi
- Dr. Sushma Batra, Head, Department of Social Work, University of Delhi
- Dr. H.S. Kohli, Professor, Department of Social Work, Jamia Milia Islamia, New Delhi
- Dr. Uday K. Sinha, Additional Professor of Clinical Psychology, IHBAS, Delhi
- Dr. Om Prakash, Associate Professor of Psychiatry, IHBAS, Delhi
- Dr. Neelam Chhillar, Associate Professor of Neuro-Chemistry, IHBAS-Member Secretary

Establishment committee

- Director, IHBAS – Chairperson
- Joint Secretary/Dy. Secretary (Finance)
- Joint Secretary/Dy. Secretary (Services)
- Joint Secretary/Dy Secretary (Medical)
- Joint Director (Administration)

Scientific Advisory Committee

- Professor Ranjit Roy Chaudhary, Emeritus Scientist, National Institute of Immunology, Aruna Asif Ali Marg, New Delhi
- Professor P N Tandon, 1 Jagriti Enclave, Delhi
- Professor J S Neki, 52, Hem Kunt Colony, New Delhi
- Professor S D Sharma, Emeritus Professor, IHBAS, Delhi
- Professor M Gourie Devi, Former Director, NIMHANS, Bangalore
- Professor R R Singh, director, Tata Institute of Social Sciences, Sion Trombay road, Deonar, Mumbai
- Professor N N Wig, H.No. 279, Sector 6, Panchkula, Haryana
- Professor A K Agarwal, Upasana, B-104/2, Nirala Nagar, Lucknow
- Dr Manju Mehta, Additional Professor, Department of Psychiatry, De-addiction centre, AIIMS, Ansari Nagar, New Delhi

Ethics Committee

Chairperson

Prof. LM Nath, Former Director, AIIMS

Members

- Prof. M. Gourie Devi, Former Director, NIMHANS, Bangalore
- Drug Controller of Delhi, Government of NCT of Delhi, F.17, Karkardooma, 4th Floor, Shahdara, Delhi
- Smt. Geeta Luthra, Legal Expert
- Prof. KM Prabhu, Head, Biochemistry Dept.
- Prof. SD Seth, Consultant ICMR
- Prof. Kusum Saigal, Former Principal LHMC
- Prof. Arvind Pandey, Director, NIMS
- Prof. SK Gupta, Ex-HOD, Pharmacology, AIIMS
- Prof. Vinay Srivastava, Principal Hindu College
- Dr. JP Kapoor, Addl. Director Health Services, SHS, Govt. of NCT of Delhi
- Dr. K. Anand, Additional professor, Department of Community Medicine

All India Institute of Medical Sciences (AIIMS), New Delhi

- Sh. KR Bhati, Rtd. IAS
- Prof. TB Singh, HOD, Clinical Psychology, IHBAS
- Dr. Rachna Agrawal, Associate Professor, Neurochemistry, IHBAS
- Dr. Vijender Singh, Associate Professor, Psychiatry, IHBAS
- Dr. Uday K. Sinha, Additional Professor, Clinical Psychology, IHBAS-Member Secretary

Board of Visitors

- Ms. Asha Menon, Member Secretary, Delhi Legal Services Authority (DLSA), Patiala House, New Delhi.
- Prof. R.C. Jiloha, Head Department of Psychiatry, G.B.Pant Hospital, New Delhi.
- Prof. Anjali Gandhi, Professor of Social Work, Jamia Millia University, New Delhi.
- Prof. Manju Mehta, Professor of Clin. Psychology, Department of Psychiatry, AIIMS, New Delhi.
- HOD (Neurology), GB Pant Hospital, New Delhi-110002.
- Medical Superintendent, GTB Hospital, Shahdara, Delhi.
- Prof. Aruna Bhardwaj, Professor of Social Work, H-45, Bali Nagar, New Delhi-110 015.
- District Social Welfare Officer, North West– I, NPS Complex, Sector-4, Rohini, Delhi.
- Director, Directorate of Health Services (DHS), Govt. of NCT of Delhi or his/ her nominee, preferably a Psychiatrist.

Financial Report for the Year 2014-2015

ANITA P. GUPTA & ASSOCIATES

CHARTERED ACCOUNTANTS

B-217, YOJANA VIHAR, DELHI-110092;

Ph. No.: 011-43071051, 91 9891052129

Email: anitaguptafca@gmail.com

Anita Gupta

B.Com, F.C.A.

Ref. No.....

Date

To:
The Members
Institute of Human Behaviour
And Allied Sciences
G.T. Road Shahdara Delhi-110095

INDEPENDENT AUDITORS REPORT 2014-2015

Report on the financial statements

We have audited the accompanying financial statements of "**M/s Institute of Human Behavior And Allied Sciences, Gt. Road Shahdara Delhi-110095**" which comprise the balance sheet as at 31st March 2015. and the income and expenditure account for the year then ended.

Management's responsibility for the financial statements

Management is responsible for the preparation of these financial statement that give a true and fair view of the financial position financial performance of the Institute.

This responsibility includes the design, implementation and maintenance of internal control relevant to the preparation and presentation of the financial statements that give a true and fair view and are free from material misstatement, whether due to fraud or error.

Auditors responsibility

Our responsibility is to express an opinion on these financial statement based on our

audit. We conducted our audit in accordance with the Statements on Auditing issued by the Institute of Chartered Accountants of India. Those Standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statement are free from material misstatement.

An audit involves performing procedures to obtain audit evidence, about the amount and disclosures in the financial statements. The procedures selected depend on the auditors, judgment, including the assessment of the risk of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the financial statements in order to design audit procedures that are appropriate in the circumstances.

An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of the accounting estimates made by the management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

Subject to above, in our opinion, and to the best of our information and according to that explanations given to us, the said financial statement give the information required by the law, in the manner so required and give a true and fair view in conformity with the accounting principles generally accepted in India.

- (a) In the case of the balance sheet, of the state of affairs on the Institute as at 31st March 2014.
- (b) In the case of the Income and Expenditure account of the excess of income over Expenditure for the year ended on that date:

For Anita P.Gupta & Associates
Chartered Accountants
Firm Registration No. 021367N

Place: Delhi
Dated: 24/02/2015

Name: CA.ANITA GUPTA
F.C.A.
Address: B-217, Yojana Vihar
Delhi-110092

INSTITUTE OF HUMAN BEHAVIOUR AND ALLIED SCIENCES

G.T. ROAD, SHAHDARA, DELHI-110 095

INCOME & EXPENDITURE ACCOUNT FOR THE PERIOD ENDING ON 31ST MARCH, 2015.

PREVIOUS YEAR	EXPENDITURE	CURRENT YEAR	PREVIOUS YEAR	INCOME	CURRENT YEAR
190,779,007.75	ADMINISTRATIVE SERVICES	172,509,820.49	385,388,356.11	UNSPENT GRANT IN AID	129,536,328.52
329,151,578.00	& OFFICE EXP. (ANNEX-1)				
8,893,619.28	EMPLOYEES (ANNEX-2)	366,620,606.00	450,000,000.00	GRANT IN AID RECD	669,464,000.00
45,693,495.04	DIETARY ITEMS	9,399,076.68	27,159,521.52	INTT. INCOME (ANNEX-4)	13,247,615.23
38,352,757.04	GENERAL STORE	35,102,274.99	12,789,880.00	MISC INCOME (ANNEX-5)	13,248,477.00
1,008,922.00	MEDICINES & DRUGS	26,345,303.96	2,844,419.00	RENTAL INCOME (ANNEX-6)	2,838,564.00
5,340,739.00	TRAVELLING & CONV. EXP.	1,099,628.00			
6,105,622.00	MAINTENANCE OF EQUIPMENT	5,141,486.00			
2,097,377.00	PUBLICATION & PERIODICALS				
4,039,150.00	DIESEL & PETROL	1,753,699.00			
724,383.00	PAITENT WELFAIRE EXP.	1,632,055.28			
409,250.00	PROJECT EXP.	360,000.00			
81,233,651.00	NABH EXPENSES	848,131.00			
334,762.00	LEGAL & PROFESSIONAL FEES	2,959,868.00			
5,407,461.00	MAINT. OF EXIST. BUILD(ANNEX-3)	72,187,150.00			
380,477.00	REPAIRS OF MOTOR VEHICLE	277,184.00			
	RENT & TAXES	5,407,461.00			
	M.PHIL COMMITTEE EXP.	409,288.00			
	CAPITAL EXPENDITURE				
18,970,185.00	(AMOUNT TRANSFERRED TO CAPITAL FUND)				
1,548,406.00	EQUIPMENT	6,555,279.00			
935,362.00	BUILDING	4,164,486.00			
341,000.00	FURNITURE	8,986,772.00			
282,250.00	LIBRARY BOOKS	3,308,242.00			
3,737,200.00	VEHICLE	(33,911.00)			
	FREEZ	NIL			
2,746,945.00	OFFICE EQUIPMENT	108,836.00			
285,694.00	WATER COOLER	453,825.00			
129,536,328.52	COMPUTER	211,875.00			
	TV	200,600.00			
	L.C. FDR	(7,420,010.00)			
	FITTING & FIXTURE	1,247,931.00			
	UNSPENT GRANT C/F TO THE NEXT YEAR	108,498,026.35			
878,182,176.63		828,334,984.75	878,182,176.63		828,334,984.75

AS PER OUR AUDIT REPORT
OF EVEN DATE ATTACHED.
FOR ANITA GUPTA & ASSOCIATES
CHARTERED ACCOUNTANTS

PLACE : DELHI
DATE : 23.09.2015

Sd/-	Sd/-	Sd/-
DIRECTOR	SR. ACCOUNTS OFFICER	CA ANITA GUPTA
	D.D.O	

INSTITUTE OF HUMAN BEHAVIOUR AND ALLIED SCIENCES
G.T. ROAD, SHAHDARA, DELHI-110 095

BALANCE SHEET AS ON 31ST MARCH, 2015.

PREVIOUS YEAR	LAIBILITIES	CURRENT YEAR	PREVIOUS YEAR	ASSETS	CURRENT YEAR
1,010,033,299.60	CAPITAL FUND	1,027,817,224.60	1,010,033,299.60	FIXED ASSETS {ANNEX-7}	1,027,817,224.60
97,487,011.78	RESERVES & SURPLUS {ANNEX-10}	97,487,011.78	25,573,107.80	CURRENT ASSETS {ANNEX-8}	18,290,183.05
129,536,328.52	UNSPENT GRANT IN AID	108,498,026.35	462,754,183.09	CASH & BANK A/C {ANNEX-9}	485,940,886.86
212,801,288.65	CURRENT LIABILITIES & PROVISIONS {ANNEX-11}	245,476,430.84			
48,502,661.94	DEFERRED CREDIT & BORROWING-PROJECT {ANNEX-12}	52,769,600.94			
1,498,360,590.49		1,532,048,294.51	1,498,360,590.49		1,532,048,294.51

PLACE : DELHI
DATE : 29.09.2015

AS PER OUR AUDIT REPORT
OF EVEN DATE ATTACHED.
FOR ANITA GUPTA & ASSOCIATES
CHARTERED ACCOUNTANTS

Sd/- DIRECTOR	Sd/- D.D.O	Sd/- SR. ACCOUNTS OFFICER	Sd/- CA ANITA GUPTA
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INSTITUTE OF HUMAN BEHAVIOUR AND ALLIED SCIENCES
G.T. ROAD, SHAHDARA, DELHI-110 095

RECEIPTS & PAYMENTS ACCOUNT FOR THE YEAR ENDING ON 31ST MARCH, 2015.

RECEIPTS	AMOUNT IN RS	PAYMENTS	AMOUNT IN RS
TO OPENING BALANCE		TELEPHONE EXP.	2,606,447.00
CASH & BANK BALANCE		POSTAGE & COURIER EXP.	84,193.00
{ANNEXURE-9}	462,754,183.09	OFFICE EXPENSES	1,291,875.00
GRAND IN AID RECD	669,464,000.00	NETWORK & CABLE	409,492.00
INTEREST INCOME {ANNEX.-4}	13,247,615.23	TUTION FEES	3,356,985.00
MISC RECEIPT {ANNEX-5}	13,248,477.00	HOUSE KEEPING	75,671,805.00
RENTAL INCOME {ANNEX-6}	2,838,564.00	SECURITY SERVICES	16,148,106.00
INCREASE IN CURRENT LIAB.	32,675,142.19	ELECTRICITY EXP.	44,641,112.00
DECREASE IN CURRENT ASSETS	7,282,924.75	BANK COMM. & CHARGES	8,603.00
INC IN DEFF CR. & BORROWINGS	4,266,939.00	MEETING & CONFERENCE	1,496,061.00
LC FDR	7,420,010.00	STIPEND TO STUDENTS	4,162,042.00
		PRINTING & STATIONARY	5,041,827.49
		MOBILE HANDSET	160,483.00
		HONORARIUM	33,000.00
		WATER CHARGES	6,969,055.00
		CUTT. SHAVING & WASHING	2,887,991.00
		NEWSPAPER & MAGAZINES	107,304.00
		ADVERTISEMENT	6,219,884.00
		AUDIO FEES	85,000.00
		MAINTT OF COMPUTERS	1,128,555.00
		SALARY & OTHER EXP (ANNX-2)	366,620,606.00
		DIETARY ITEMS	9,399,076.68
		GENERAL STORE	35,102,274.99
		MEDICINES & DRUGS	26,345,303.96
		TRAVELLING & CONV. EXP	1,099,629.00
		MAINT. OF EQUIPMENT	5,141,486.00
		DIESEL & PETROL	1,753,699.00
		PAITENT. WELFARE EXP.	1,632,055.28
		PROJECT EXP.	360,000.00
		NABH EXPENSES	848,131.00
		LEGAL & PROFESS. FEES	2,959,868.00
		MAINT. OF EXISTING BUIL.	72,187,150.00
		(ANNEX-3)	
		REPAIRS OF MOTOR VEHICLE	277,184.00
		RENT & TAXES	5,407,461.00
		M/PHILL COMMITTEE EXP.	409,288.00
		CAPITAL EXPENDITURE	
		EQUIPMENT	6,555,279.00
		FURNITURE	8,986,772.00
		BUILDING	4,164,486.00
		VEHICLE	(33,911.00)
		OFFICE EQUIPMENT	108,836.00
		COMPUTER	211,875.00
		TV	200,600.00
		LIBRARY BOOKS	3,308,242.00
		FITTING & FIXTURES	1,247,931.00
		CLOSING BALANCE	
		CASH & BANK BALANCE	485,940,886.86
		(ANNEX-9)	
	1,213,197,855.26		1,213,197,855.26

PLACE : DELHI
DATE : 23.09.2015

AS PER OUR AUDIT REPORT
OF EVEN DATE ATTACHED.
FOR ANITA GUPTA & ASSOCIATES
CHARTERED ACCOUNTANTS

Sd/-
DIRECTOR

Sd/-
D.D.O

Sd/-
SR. ACCOUNTS OFFICER

Sd/-
CA ANITA GUPTA

INSTITUTE OF HUMAN BEHAVIOUR AND ALLIED SCIENCES
G.T. ROAD, SHAHDARA, DELHI-110 095

EXPENDITURE SCHEDULE

PREVIOUS YEAR	PARTICULARS	CURRENT YEAR
DETAIL OF ADMN. SERVICE & OFFICE EXPENSES AS ON 31-03-2015		ANNEXURE-1
2,847,371.00	TELEPHONE EXP.	2,606,447.00
119,453.00	POSTAGE & COURIER EXP.	84,193.00
1,866,995.00	OFFICE EXPENSES	1,291,875.00
632,364.00	NETWORK & CABLE	409,492.00
1,871,623.00	TUTION FEES	3,356,985.00
86,914,966.00	HOUSE KEEPING	75,671,805.00
29,837,123.00	SECURITY SERVICES	16,148,106.00
34,913,268.00	ELECTRICITY EXP	44,641,112.00
21,663.00	BANK COMMISSION & CHARGES	8,603.00
1,439,090.00	MEETING & CONFERENCE	1,496,061.00
5,892,000.00	STIPEND TO STUDENTS	4,162,042.00
5,351,110.75	PRINTING & STATIONARY	5,041,827.49
217,200.00	MOBILE HANDSET	160,483.00
203,418.00	HONOUARIUM TO VISITORS	33,000.00
6,945,790.00	WATER CHARGES	6,969,055.00
2,881,269.00	CUTTING SHAVING & WASHING	2,887,991.00
241,351.00	NEWSPAPER & MAGAZINES	107,304.00
5,660,602.00	ADVERTISEMENT	6,219,884.00
19,438.00	AUDIT FEES	85.000.00
2,902,913.00	MAINTT. OF COMPUTERS	1,128,555.00
190,779,007.75	TOTAL	172,509,820.49
SALARY & OTHER BENEFITS TO EMPLOYEES AS ON 31-03-2015		ANNEXURE-2
312,651,087.00	SALARY	350,240,723.00
816,474.00	LSPC	351,185.00
2,330,760.00	LEAVE TRAVEL CONCESSION	2,489,078.00
6,435,084.00	CPF (EMPLOYER SHARE)	6,908,828.00
2,998,278.00	MEDICAL REIMBRSEMENT	3,723,696.00
1,512,334.00	LEARNING RESOURCES ALLOWANCE	1,594,446.00
2,407,561.00	LEAVE ENCASHMENT	701,771.00
	GRATUITY	610,879.00
329,151,578.00	TOTAL	366,620,606.00
MAINTAINENCE OF EXTISTING BUILDING AS ON 31-03-2015		ANNEXURE-3
35,400,624.00	CIVIL MAINTAINENCE	34,430,162.00
41,009,837.00	ELECTRIC MAINTAINENCE	33,387,970.00
4,823,190.00	HOTICULTURE MAINTENANCE	4,369,018.00
81,233,651.00	TOTAL	72,187,150.00

INSTITUTE OF HUMAN BEHAVIOUR AND ALLIED SCIENCES
G.T. ROAD, SHAHDARA, DELHI-110 095

INCOME SCHEDULES

PARTICULARS	PREVIOUS YEAR	CURRENT YEAR
INTEREST INCOME AS ON 31-03-2015		ANNEXURE-4
8,448.00	INTEREST ON CONFERENCE FUND	8,643.00
70.00	INTEREST ON FCRA A/C	72.00
3,023,355.00	INTEREST ON IHBAS A/C	1,568,081.00
23,974,452.52	INTEREST ON GRANT TDR	10,755,524.023
	INTEREST ON LC F.D.R.A/C	822,156.00
153,196.00	INTEREST ON AUTO F.D.R.	93,139.00
27,159,521.52	TOTAL	13,247,615.23

MIC RECIEPTS AS ON 31-03-2015

ANNEXURE-5

7,266,657.00	PATIENT REALISATION CHARGES	7,667,042.00
2,804,140.00	LICENCE FEES	1,116,208.00
53,170.00	MISC INCOME	950,601.00
8,150.00	COLLECTION CHARGE ON LWC	7,458.00
135.00	LOSS OF I-CARD	195.00
429,500.00	RECRUITMENT FEES	890,445.00
1,484.00	RTI FEES	3,831.00
170,950.00	SALE OF O.T. ITEMS	45,000.00
87,000.00	TUTION FEES AND TRG FEES	175,000.00
1,390,100.00	INSTITUTIONAL RECEIPTS	1,683,700.00
22,000.00	INTERNSHIP INCOME	19,000.00
123,325.00	PENALTY FROM PARTIES	32,575.00
30,445.00	AUCTION (MONEY)	299,998.00
61,624.00	OVERHEAD INCOME (PROJECT)	
341,200.00	TUTION FEES {M. PHIL}	357,424.00
12,789,880.00	TOTAL	13,248,477.00

RENTAL INCOME AS ON 31-03-2015

ANNEXURE-6

676,109.00	CANTEEN RENT	567,236.00
6,900.00	DHARAMSHALA RENT	9,900.00
148,350.00	GUEST HOUSE RENT	139,100.00
12,000.00	PHOTOSTATE RENT	20,500.00
2,001,060.00	HOSTEL RENT	2,063,255.00
-	OTHER RENT(HPMC)	38,573.00
2,844,419.00	TOTAL	2,838,564.00

INSTITUTE OF HUMAN BEHAVIOUR AND ALLIED SCIENCES
G.T. ROAD, SHAHDARA, DELHI-110 095

SCHEDULE OF FIXED ASSETS AS ON 31ST MARCH 2015.					ANNEXURE-7
S. NO.	PARTICULARS	VALUE AS ON 01/04/2013	ADDITION DURING THE YEAR	SALE /TRANSFER DURING THE YEAR	BALANCE AS ON 31/03/2015
01.	LAND	1.00	NIL	NIL	1.00
02.	BUILDING	653,249,327.00	4,164,486.00	NIL	657,413,813.00
03.	FITTING & FIXTURE	2,773,175.00	1,247,913.00	NIL	4,021,601.00
04.	ASSETS FROM HMD	392,761.00	NIL	NIL	392,761.00
05.	NON CONSUMABLE	4,736,884.00	NIL	NIL	4,736,884.00
06.	COMPUTER	15,691,584.00	211,875.00	NIL	15,903,459.00
07.	OFFICE EQUIPMENT	3,971,559.00	2,260,486.00	NIL	6,232,045.00
08.	MEDICAL EQUIPMENT	225,972,446.80	4,403,629.00	NIL	230,376,075.80
09.	FURNITURE & FIXTURE	112,833,863.00	8,986,772.00	NIL	21,820,635.00
10.	VEHICLES	3,475,537.80	NIL	33,911.00	3,441,626.80
11.	PLANT & MACHINERY	8,370,364.00	NIL	NIL	8,370,364.00
12.	BUILDING {NEW CONSTR}	1,302,753.00	NIL	NIL	1,302,753.00
13.	T.V. & AUDIO VISUAL	427,770.00	200,600.00	NIL	628,370.00
14.	LIBRARY BOOKS	790,601.00	3,308,242.00	NIL	4,098,843.00
15.	DMPH VEHICLE	211,016.00	NIL	NIL	211,016.00
16.	WATER COOLER	NIL	453,825.00	NIL	453,825.00
17.	RENOVATION OF HMD BUILDING	64,184,215.00	NIL	NIL	64,184,215.00
18.	L.C. FDR {NOTE 12}	11,293,042.00	1,571,180.00	8,991,190.00	3,873,032.00
19.	FREEZ	356,400.00	NIL	NIL	356,400.00
TOTAL		1,010,033,299.00	26,809,026.00	9,025,101.00	1,027,817,224.00

INSTITUTE OF HUMAN BEHAVIOUR AND ALLIED SCIENCES
G.T. ROAD, SHAHDARA, DELHI-110 095

SCHEDULE OF CURRENT ASSETS

PREVIOUS YEAR	PARTICULARS	CURRENT YEAR
CURRENT ASSETS, LOAN & ADVANCES AS ON 31-03-2015		ANNEXURE-8
	ADVANCE / DEPOSIT WITH PWD,	
239,704.00	{GOVT. OF DELHI} FOR REPAIR	239,704.00
8,952,082.37	INTEREST ACCURED ON F.D.R.	5,771,866.74
768,476.00	PROJECT LOAN RECEIVABLE	NIL
NIL	TDS RECEIVABLE	7,580.00
	CLOSING STOCK	
829,159.99	GENERAL STORE ITEMS	968,936.00
12,705,484.96	MEDICINE & DRUGS	10,455,792.00
122,179.99	DIETARY ITEMS	139,081.31
1,956,020.49	STATIONERY ITEMS	707,223.00
25,573,107.80	TOTAL	18,290,183.05

CASH AND BANK BALANCE AS ON 31-03-2015

ANNEXURE-9

1,586.00	CASH IN HAND	3,410.00
1,800.96	FCRA A/C WITH S.B.I.	1,872.96
NIL	S/B A/C WITH ANDHRA BANK	1,171,455.00
53,130,538.05	S/B A/C WITH S.B.I.	233,315,740.77
1,130,275.50	S/B A/C WITH BANKS (CPF)	1,010,085.50
217,549.07	S/B A/C {CONFERENCE FUNDS}	226,192.07
613.00	SBI ONLINE ACCOUNT	1,812.00
156,713,822.51	TERM DEPOSIT WITH BANKS (CPF)	192,661,775.56
187,077,080.00	TERM DEPOSIT WITH BANKS (GRANT)	NIL
62,134,015.00	TERM DEPOSIT WITH BANKS (PROJECT)	57,197,543.00
112,000.00	IMPREST WITH EMPLOYEES	101,000.00
613.00	SBI ONLINE ACCOUNT	613.00
250,000.00	FDR WITH COURT	250,000.00
1,984,903.00	AUTO SWEEP {F.D.R.}	NIL
462,754,183.09	TOTAL	485,940,886.86

INSTITUTE OF HUMAN BEHAVIOUR AND ALLIED SCIENCES
G.T. ROAD, SHAHDARA, DELHI-110 095

SCHEDULE OF LIABILITIES & RESERVES

PREVIOUS YEAR	PARTICULARS	CURRENT YEAR
RESERVE AND SURPLUS		ANNEXURE-10
97,487,011.78	OPENING BALANCE	97,487,011.78
97,487,011.78	TOTAL	97,487,011.78
OTHER LIABILITIES AND PROVISIONS		ANNEXURE-11
250,726.00	T.D.S PAYABLE	9,602.00
15,804,277.00	EARNEST MONEY DEPOSIT	14,237,905.00
17,739,404.75	SECURITY DEPOSIT	18,618,849.75
7,863.00	DVAT PAYABLE	NIL
160,869.07	CONFERENCE FUND	160,869.07
174,551,866.83	CPF PAYABLE	211,143,110.02
4,275,000.00	D.G.H.S. (IHBAS) PAYABLE	225.00
22,000.00	STIPEND PAYABLE	12,000.00
(11,572.00)	C.P.F. EMPLOYEES SHARES	NIL
334.00	P.O.-23 N.D.	NIL
570.00	CGEIS (PATNA)	570.00
-	NPS (NAVEEN GROVER)	48,120.00
-	POOR PATIENT FUND	926,945.00
-	TA PAYABLE	318,235.00
212,801,288.65	TOTAL	245,476,430.84

INSTITUTE OF HUMAN BEHAVIOUR AND ALLIED SCIENCES
G.T. ROAD, SHAHDARA, DELHI-110 095
PROJECT A/C (ANNEXURE-12)

PREVIOUS YEAR	PARTICULARS	CURRENT YEAR
22,400.00	MDNIY (YOGA PROJECT)	22,400.00
122,772.00	MISC PROJECT	122,772.00
514,705.00	NACO	514,705.00
35,375.00	RP 04	35,375.00
695,975.00	RP 05	695,975.00
153,049.00	RP 07	153,049.00
178,210.00	RP 09	178,210.00
13,369.00	RP 10	13,369.00
22,247.00	RP 12	22,247.00
1,066,240.00	RP 13	1,066,240.00
(1,115.00)	RP 15	(4,550.00)
67,598.00	RP 17	67,598.00
87,794.00	RP 18	87,794.00
(16,332.00)	RP 19	(16,332.00)
11,265.94	RP 21	11,265.94
223,172.00	RP 22	223,172.00
(12,493.00)	RP 23	(12,493.00)
495,568.00	RP 25	495,568.00
119,626.00	RP 26	119,626.00
295,442.00	RP 27	295,442.00
201,074.00	RP 28	201,074.00
784,519.51	RP 30	784,519.51
721,960.00	RP 31	721,960.00
11,317.00	RP 34	11,317.00
(115,513.00)	RP 35	(115,513.00)
240,662.00	RP 36	240,662.00
28,437.00	RP 37	28,437.00
414,989.00	RP 38	414,989.00
2,904.00	RP 39	2,904.00
5,521.00	RP 40	5,521.00
1,667.00	RP 41	1,667.00
32,808.00	RP 42	36,923.00
792,481.00	RP 43	786,529.00
18,444.00	RP 44	18,444.00
-	RP 45	192,763.00
3,672,985.00	STP-01	1,304,675.00
-	STP 014	1,236,527.00
1,549.00	STP 04A	1,549.00
(77,432.00)	STP-4B	2,708.00
(1,147,016.00)	STP 07	5,664.00
(572,975.00)	STP 08	7,203,717.00
(1,613,013.00)	STP 09	5,621,516.00
134,389.00	STP 10	134,389.00
728,107.00	STP 11	289,578.00
6,200,000.00	STP -01 CHHATTARPUR	6,200,000.00
34,071.00	STP -013	34,071.00
310,392.00	SMHA	300,414.00
-	PROJECT LOAN RECEIVABLE	-
(23,144,508.51)	PROJECT RP BANK A/C	-
-	CASH WITH PNB PROJECT A/C	(45,579,454.51)
45,320,527.00	GRANT-C EXCELLANCE	(300,738.00)
437,024.00	PROJECT FOR INTEREST	44,763,108.00
9,233,279.00	INTT INCOME (GRANT -C EXCELL.)	687,708.00
1,749,145.00	S/B INTEREST ON PROJECT BANK A/C	14,773,074.00
48,502,661.94	TOTAL	48,502,661.94

FORM GFR 19-A

(See Government of India's Decision (I) below Rule 150)

FORM OF UTILISATION CERTIFICATE

INSTITUTE OF HUMAN BEHAVIOUR & ALLIED SCIENCE (IHBAS)

(For the Financial Year 2014-2015)

Sl. No.	Letter No. and Date	Amount (Rs.)
1.	Opening Balance	12,95,36,328.52
2.	F.No.400(134)/2012-H&FW/ plg/P.F./js3hfw/CD#11290396/12 89-1295 DT. 3/06/2014	16,12,50,000.00
3.	F.No.400(134)/2012-H&FW/ plg/P.F./js3hfw/CD#11290396/26 72-78 DT. 26/09/2014	30,88,68,000.00
4.	F.No.400(134)/2012-H&FW/ plg/P.F./js3hfw/CD#11290396/8 40-46 DT. 31/03/2015	20,03,46,000.00
5.	Income from other Sources	<u>2,93,34,656.23</u> 82,93,34,984.75
6.	Less Transferred to Patient Welfare Fund	10,00,000.00
	Total	82,83,34,984.75

1. Certified that out of Rs. 82,83,34,984.75 of grants-in-aid sanctioned during the year 2014-2015 in favour of IHBAS under the/Department letter no. given in the margin including Rs. 12,95,36,328.52 on account of unspent balance of the previous year, A sum of Rs. 71,98,36,958.40 has been utilized for the purpose for which it was

sanctioned and that the balance of Rs. 10,84,98,026.35 remaining unutilized at the end of year has been surrendered to Government (vide no NIL, dated NIL) will be adjusted to wards the grants-in-aid payable during the next year 2015-2016.

2. Also certified that I have satisfied myself that the conditions on which the grants-in-aid was sanctioned have been duly fulfilled/are being fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kind of checks Exercised

1. Books of Accounts for the Financial Year 2014-2015
2. Bank Accounts for the Financial Year 2014-215
3. Vouchers for the Financial Year 2014-2015

For Anita P. Gupta & Associates
Chartered Accounts

Director
IHBAS

Accounts Officer
IHBAS

CA Anita Gupta
M.No.093481



INSTITUTE OF HUMAN BEHAVIOUR AND ALLIED SCIENCES

DELHI - 110095

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