



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



**Annual Report
2011-12**



ANNUAL REPORT

2011-12

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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 a 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:

- I. To provide high quality super specialty health care using state-of-art technology in mental health, neurosciences, behavioural and allied sciences
- II. To conduct research of high standard in the field of mental health, neurosciences and behavioural sciences
- III. To provide comprehensive training for MD, DM and M Phil 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 the privilege for us as an institute to share that NABH accreditation has been accorded to IHBAS. 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 2011-12.

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.

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 2011-12.

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

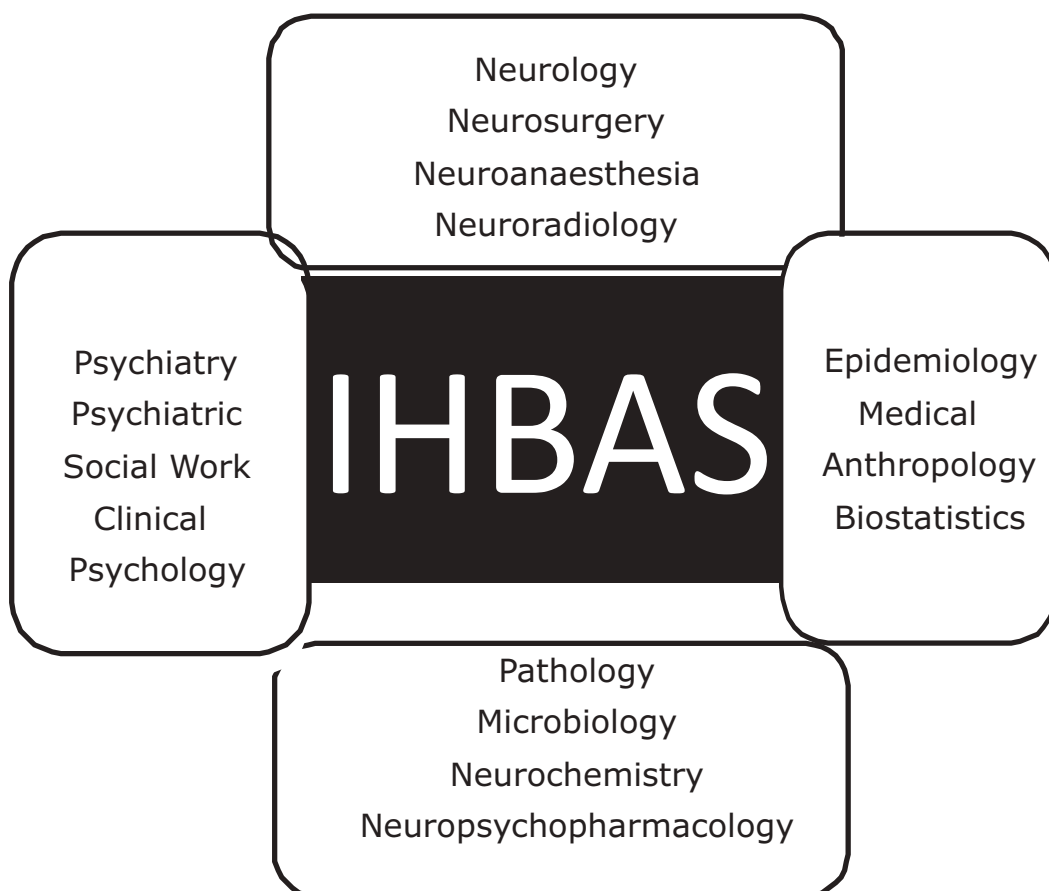
IHBAS is committed to provide Health Care par excellence. This would be achieved through:

- 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 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

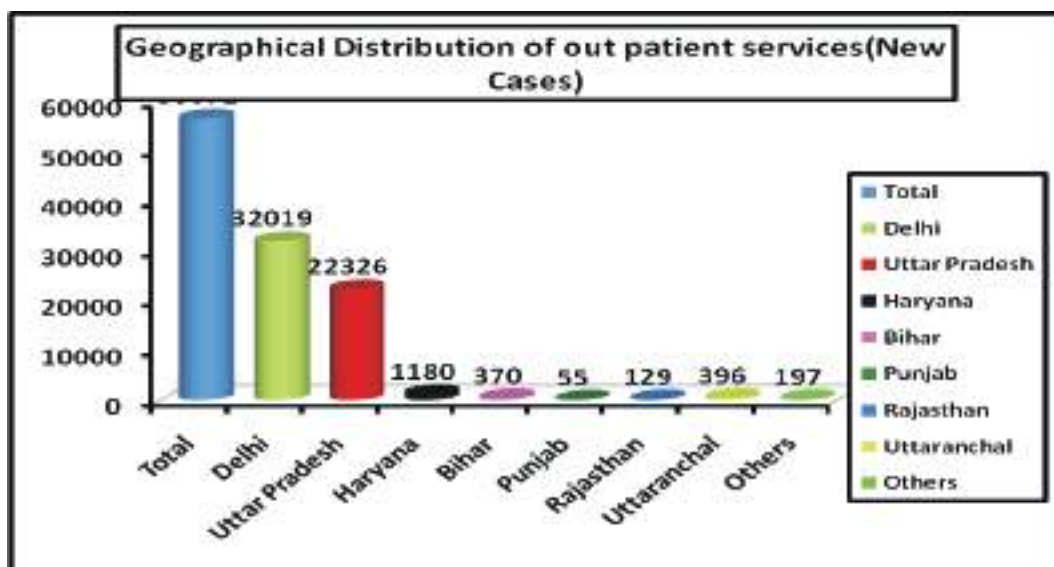
Institute at a glance

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 2011, 371485 patients availed the outpatient services comprising of 56672 new and 314813 follow - up cases. There was a 10% increase in the total number of patients attending OPD as compared to the patients who availed the services last year. Around 56% of the new cases were from Delhi and the rest from the neighbouring states (see figure below). On an average, 1251 patients attended the OPD per day, of which 1060 patients were old and 191 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 16 years of age as well as counselling for school-related problems. During the year, 7990 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 10159 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 1120 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 1036 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 896 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. 7951 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. 763 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. 2632 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 336. 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 3344. Of these, 906 patients were admitted from OPD and 2438 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. 20338 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

Community Outreach Services

In an effort to enhance community awareness of psychiatric and behavioural disorders, community outreach programmes have been under taken to deliver

the neuropsychiatric services to the doorstep of patients. The community outreach services helps 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 2011-12 at Jahangir Puri and Chattarpur, and mobile health clinic for homeless near Jama Masjid. There was an overwhelming response with 5729 patients attending the Jama Masjid clinic. At Jahangir Puri, 9831 patients attended, while 5859 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 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. 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

The department of Physiotherapy is situated in the occupational therapy block at IHBAS. Physiotherapy services in the institute were started in August 1995. The department is manned by one chief physiotherapist and seven junior physiotherapists working on contract basis. There are various equipments installed in the department viz., Moist heat therapy, Paraffin wax bath, Ultrasound therapy, Traction unit, Short wave diathermy, Interferential therapy

with muscle stimulator and TENS unit, Rowing machine, Shoulder wheel ,Walking bar, Grip exerciser, T bracket set, Quadriceps table, Rotatory wrist machine, Static cycle, Shoulder abduction ladder. There is in-house availability of fully furnished Gymnasium with 18 different types of equipments.



Physiotherapy services are provided to the inpatients of Psychiatry, Neurology and Neurosurgery as well as all the outdoor patients referred by the clinicians of these departments. Patients with acute neurological deficit are helped by active and passive rehabilitative programmes. Pain relieving modalities are actively used.

Students from various physiotherapy colleges are posted for clinical training & internship. The Physiotherapists are actively involved in the teaching and training of these students.

Pharmacy and medical store

There are separate setups for medical store and pharmacy, catering to the ever increasing number of patients since the inception of the institute. The drug list is upgraded regularly depending upon the demands placed by clinical departments. A list of the drugs available at the pharmacy counter is displayed for the public.

Medical store and Pharmacy are manned by trained pharmacists. Training is imparted to the pharmacy students on a regular basis.



Dispensing is done as per the standard dispensing guidelines. Currently there are five drug dispensing counters at OPD Pharmacy keeping in view the increasing crowd of the outdoor patients out of which one counter is exclusively dedicated to senior citizens.

Proper labelling of dispensed drugs helps improving the patient's knowledge and compliance with therapy. The pharmacy provides information on dosage frequency, duration and precautions while dispensing the drugs. Patient information leaflets about drugs prescribed are also distributed to the patients regularly.

Kitchen

The Kitchen Department, IHBAS plays a very important & supportive role in providing patient care services. Kitchen Department catered to an average 315 inpatients per day in the year 2011-12. Diets are provided to the indoor patients as per the approved diet scale. Besides individual assessment is being done for dietary requirement of patients, admitted in the hospital. Complete nutritive requirements of the indoor patients are fulfilled through main meals—3 times (Breakfast, Lunch, Dinner) & snacks 3 times (Bed Tea, Mid-Morning Soup, Evening Tea) daily, providing adequate calories and proteins and other essential nutrients. Apart from the standard diets, Kitchen also provided 135 numbers of therapeutic/special diets on an average daily, like high protein, low protein, liquid diets, soft diets, high carbohydrates diets, diabetic diets, salt restricted diets. Kitchen Department maintains the quality of prepared food as well as of the dietary ingredients like milk, bread, eggs, paneer, cereal & pulses etc. By keeping a check on all kitchen activities. In addition to the above, Kitchen Department organized special Dishes/Menus for all the indoor patients on various festivals, eating out programme on 4th Sunday of every month and picnics for the inpatients through the year 2011-12.



Reports of Departments

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

A brief history of the department

The historical background is described in phases (of approximately 5 years each)

1993-1998 (5 years)

This was the formative period when the department was largely run by the non teaching consultants (CHS cadre). Prof. S.D. Sharma, the first Director of the institute was also Professor in Psychiatry. Later two faculty namely, Dr. R.S. Pandey, Professor of psychiatry and Dr. R.K. Chadda, Associate Professor joined the department. The clinical services were provided from the OPD and four blocks of Psychiatry indoor wards. Also Senior Residents and non PG Junior Residents were recruited for the clinical services delivery.

1998-2003 (5 year)

During this period, five-six academic faculty joined the department, including Prof NG Desai, Dr SN Sengupta, Dr RA Singh, Dr DK Gupta, and N Singh. DNB (Diplomate of National Board) course in Psychiatry started at IHBAS in the year 1997 and continued till 2003.

2003-2008 (5 year)

Clinical service

- During this period consolidation of clinical services took place.
- The department of psychiatry expanded the scope of various mental health care activities. In addition to a short Observation facility being made available to deal with psychiatric emergencies round the clock for all days of the year, a Psychiatry ICU and a Mother and Child Care Unit was also established.. Institute has developed consultation- liaison services linkage with the University College of Medical Sciences and Guru Teg Bahadur Hospital for consultation from medical specialities

Academic programme

- MD (Psychiatry) course was introduced under the Delhi University in May, 2003.
- The first batch of two students joined the MD (Psychiatry) course this year.

- In April 2006, first batch students of MD course appeared for the final year examination conducted by Delhi University.
- IHBAS got MCI recognition for MD (Psychiatry) course in 2007, w.e.f.2006.
- In 2010, IHBAS got necessary approvals for increasing the seats of MD from two to four seats.
- In May 2010, four students joined IHBAS for training at IHBAS (two from Delhi University and two students from All India quota). And so, currently there are 12 PG students for the three years put together.
- IHBAS has already applied to the concerned authority to increase the MD (Psychiatry) seats from four to eight per year.
- Teaching is imparted at unit level (clinical skills) as well as at the Departmental level through case conferences, seminars, journal clubs, tutorials and lectures.
- The Department also provides training to the MD (Psychiatry) students from other Delhi Govt. Medical College/Hospitals like LHMC and GB Pant hospital. The Department regularly organizes academic activities like symposia and CMEs programmes.
- Inter-departmental and inter-institutional academic programmes are also organized regularly to facilitate interaction among different disciplines.
- During this period several multisite ICMR Task Force projects and WHO funded projects were undertaken
- The community outreach network was established

2008-2012 (4 year)

- During this period few of the senior faculty left the department for pursuing academic carrier in the foreign nation.

Outreach services

- The expansion of DMHP network and approval of Centre of Excellence scheme for manpower development by MOH&FW
- Initiation of Mobile Mental Health Unit (MMHU)

Publications

Papers: International indexed journals

Dr. N G Desai

- Lakshmy R, Mathur P, Gupta R, Shah B, Anand K, Mohan V, Desai NG, Mahanta J, Joshi PP, Thankappan KR. Measurement of cholesterol and triglycerides from a dried blood spot in an Indian Council of Medical research-World Health Organization multicentric survey on risk factors for noncommunicable diseases in India. *J Clin Lipidology* 2012; 6:33-41
- Sinha P, Garg A, Prakash O, Desai N.G.(02/2012) Drug induced Psychosis associated with albendazole - ivermectin combination therapy. *General Hospital Psychiatry* 34(5):578 e 09-578 e10.
- Desai NG Editor-in-Chief), Parkar S. (Associate Editor), book edited namely: ECAB Clinical update (Psychiatry) "Demystifying Depression: Complete Spectrum"(2012) published by Elsevier.
- Desai NG (Editor-in-Chief), Srinivasan K. (Associate Editor), book edited namely: ECAB Clinical update (Psychiatry) "Dealing with Depression in Medically-ill Patients"(2012) published by Elsevier.

Dr. Deepak Kumar

- Desai NG, Sengupta SN, Kumar D. Ethical issues in suicide. In (Eds) Handbook on Suicidal Behaviour, 2012 Nova Publishers, London. (in press)

Dr. Om Prakash

- Sureshkumar R, Bharath S, Jain S, Prakash O, Purushottam M, Thennarasu K, Mukherjee O, Sivakumar PT, Varghese M. ApoE4 and late onset depression in Indian population. *J Affect Disord.* 2012 Feb;136(3):244-8.

- Prakash O, Avasthi A, Benegal V. Should pathological gambling be considered an addictive disorder? Asian J Psychiatry 2012; doi:10.1016/j.ajp.2012.01.007 (in press).
- Prakash O, Bagepally BS. Catatonia and mania in patient with AIDS: treatment with lorazepam and risperidone. Gen Hosp Psychiatry. 2012 Feb 21. [Epub ahead of print] PubMed [citation] PMID: 22361355.
- Sinha P, Garg A, Prakash O, Desai NG. Drug-induced psychosis associated with albendazole-ivermectin combination therapy. Gen Hosp Psychiatry. 2012 Feb 9. [Epub ahead of print] PubMed [citation] PMID: 22325629.
- Prakash O. Need to identify modifiable risk factors of dementia in the older UK African-Caribbean population. Br J Psychiatry. 2011 Sep;199:249-50.
- Prakash OM. Poly-pharmacy in psychiatry : a debatable contemporary practice? Not much evidence: letter to the editor. African J Psychiatry 2011; 14 (5); 410.

Dr. Rajesh Kumar

- Rajesh Kumar, H.P. Jhingan, C.B. Tripathi. Study of psychiatric morbidity among the first degree relatives of opioid dependent patients (accepted for publication in Indian Journal of Preventive & Social Medicine, indexed journal dated 22nd August, 2012).

Dr. Vijender Singh

- Submitted report of Bhuj centre of ICMR task force project on "Mental Health Needs Assessment and Service Delivery Models in Earthquake affected population of Gujarat "on 9th February 2012 to ICMR Delhi

National indexed journals

Dr. Om Prakash

- Prakash O, Prasad CG. Deliberate self-harm and domestic violence: Some answers needed. Indian J Psychiatry 2011;53:77.

- Prakash O, Garg A. Apathy in elderly: Management issues-A Review. *Indian Journal of Geriatric Mental Health* 2011; 7 (1):12-23.
- Agarwal S, Prakash O. Psychiatric and physical morbidity in an urban geriatric population - Some issues. *Indian J Psychiatry* 2012; 54:91.

Electronic letters:

- Om Prakash. Depression is treatable condition: Lesson for physicians. In response: Jackie Hopson, Jeremy Holmes. A Patient's Journey: Through the wasteland: chronic depression. *BMJ* 2011;342:doi:10.1136/bmj.d93 (18 April 2011).
- Om Prakash. Genetic risk factor in dementia: Difficult to ignore. In response: K Ritchie, I Carrière, C W Ritchie, C Berr, S Artero, M-L Ancelin. Designing prevention programmes to reduce incidence of dementia: prospective cohort study of modifiable risk factors. *BMJ* 2010;341:doi:10.1136/bmj.c3885 (28 June 2011).
- Santosh Kumar, Om Prakash. Non Pharmacologic management of agitation in dementia. In response: Bettina S Husebo, Clive Ballard, Reidun Sandvik, Odd Bjarte Nilsen, Dag Aarsland. Efficacy of treating pain to reduce behavioural disturbances in residents of nursing homes with dementia: cluster randomised clinical trial. *BMJ* 2011;343:doi:10.1136/bmj.d4065 (30 July 2011).
- Om Prakash. Carers of dementia need educative sessions: Indian experience. In response: Gill Livingston, Gerard Leavey, Monica Manela, Deborah Livingston, Greta Rait, Elizabeth Sampson, Shilpa Bavishi, Khodayar Shahriyarmolki, Claudia Cooper. Making decisions for people with dementia who lack capacity: qualitative study of family carers in UK. *BMJ* 2010;341:doi:10.1136/bmj.c4184 (29 June 2011).
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Outcome of depression in later life in primary care: longitudinal cohort study with three years' follow-up. *BMJ* 2009;338:doi:10.1136/bmj.a3079 (30 June 2011).

- Om Prakash. Health is more important than money invested in identification/assessment of case. In response: Mike Paulden, Stephen Palmer, Catherine Hewitt, Simon Gilbody. Screening for postnatal depression in primary care: cost effectiveness analysis. *BMJ* 2009;339:doi:10.1136/bmj.b5203(26 June 2011).
- Om Prakash. 'Under-recognition of dementia syndromes persists in primary care': A challenge for training programs for physicians. In response: Greta Rait, Kate Walters, Christian Bottomley, Irene Petersen, Steve Iliffe, Irwin Nazareth. Survival of people with clinical diagnosis of dementia in primary care: cohort study. *BMJ* 2010;341:doi:10.1136/bmj.c3584 (30 June 2011).
- Santosh Kumar, Om Prakash, Lokesh Singh Shekhawat. Psychogenic Non Epileptic Seizures Misdiagnosis. In response: Jon Stone, Roger Smyth, Alan Carson, Steff Lewis, Robin Prescott, Charles Warlow, Michael Sharpe. Systematic review of misdiagnosis of conversion symptoms and "hysteria". *BMJ* 2005;331:989 doi:10.1136/bmj.38628.466898.55(26 July 2011).
- Om Prakash. Indiscriminate use of antihypertensives in dementia should be avoided. In response: Nien-Chen Li, Austin Lee, Rachel A Whitmer, Miia Kivipelto, Elizabeth Lawler, Lewis E Kazis, Benjamin Wolozin. Use of angiotensin receptor blockers and risk of dementia in a predominantly male population: prospective cohort analysis. *BMJ* 2010; 340: doi:10.1136/bmj.b5465 (29 June 2011).
- Om Prakash, Supriya Agrawal. Not easy to define end-of-life care for people with dementia. In response: Vanessa Lawrence, Kritika Samsi, Joanna Murray, Danielle Harari, and Sube Banerjee. Dying well with dementia: qualitative examination of end-of-life care. *British Journal of Psychiatry* 2011 199:417-422 (2 November, 2011).

- Om Prakash, Sumit Gupta. Cannabis use and thalamic volume in people at familial high risk of schizophrenia. In response: Killian A. Welch, Andrew C. Stanfield, Andrew M. McIntosh, Heather C. Whalley, Dominic E. Job, Thomas W. Moorhead, David G. C. Owens, Stephen M. Lawrie, and Eve C. Johnstone Impact of cannabis use on thalamic volume in people at familial high risk of schizophrenia. *British Journal of Psychiatry* 2011 199:386-390 (2 November, 2011).
- Om Prakash. Comprehensive Geriatric Assessment should be mandatory for medical graduates. In response: Comprehensive geriatric assessment for older adults admitted to hospital: meta-analysis of randomised controlled trials. Graham Ellis, Martin A Whitehead, David Robinson, Desmond O'Neill, Peter Langhorne. *BMJ* 2011;343:doi:10.1136/bmj.d6553 (1 November, 2011).
- Om Prakash. Are governments listening to this news of population explosion of 7 billion? In response: Work for young people and care of elderly people are problems as world's population hits seven billion. Nigel Hawkes. *BMJ* 2011;343:doi:10.1136/bmj.d6915 (27 October, 2011).

Books/Book Chapters/Monographs

Dr. Om Prakash

- Ajit Avasthi, Sandeep Grover, Om Prakash Jhirwal. Dhat Syndrome: A Culture-Bound Sex Related Disorder in Indian Subcontinent. In: Somesh Gupta, Bhushan Kumar, eds. *Sexually Transmitted Infections* 2nd ed. New Delhi, India: Elsevier, 2012: pages 1225-1230.
- Prakash O, Garg A. Research in Elderly sexuality: An Update. In 'Intimacy matters: Elderly Sexuality' (Eds. Rao TSS, Gupta S & Tandon A). Official publication of Indian Association for Geriatric Mental Health, 1st edition, 2011:107-118.

Dr. Rajesh Kumar

- N.G. Desai, Rajesh Kumar, Sumit Kumar Gupta, Paramjeet Singh. Recommendation and management algorithms for Management of Depression: Demystifying Depression: Complete Spectrum. Elsevier Clinical Advisory Board, 2012, Editor-in-Chief. Nimesh G. Desai.

Contributions:

- Worked as a Professional Expert for the content validity of the tool to assess the common behavioral problems among adolescents in a thesis entitled "A Study to assess the common behavioral problems among adolescents with a view to develop an information booklet for the parents on the management of these problems in selected areas of Delhi" (M.Sc. Nursing thesis from Rufaida College of Nursing, Faculty of Nursing, Jamia Hamdard, Hamdard University, Hamdard Nagar, New Delhi-110062, 24th August, 2012).
- Worked as a Professional Expert for the content validity of the tool to assess the quality of life of clients with ADS in a thesis entitled "A Comparative study to assess the quality of life of clients with Alcohol Dependence Syndrome attending Alcoholics Anonymous group meetings with those not attending any Alcoholics Anonymous group meetings in selected areas of Delhi" (M.Sc. Nursing thesis from Rufaida College of Nursing, Faculty of Nursing, Jamia Hamdard, Hamdard University, Hamdard Nagar, New Delhi-110062, 24th August, 2012).
- Worked as a Professional Expert for the content validity of the tool to assess the problems faced by the spouses of alcoholics in relation to alcoholism and identify the coping strategies adopted by them in a selected community in New Delhi (M.Sc. Nursing thesis from Rufaida College of Nursing, Faculty of Nursing, Jamia Hamdard, Hamdard University, Hamdard Nagar, New Delhi-110062, 24th November, 2012).

Presentations in International/National Conferences**Dr. Om Prakash**

- Achalia RM, Chaturvedi SK, Desai G, Prakash O. Prevalence and factors associated with tardive dyskinesia among Indian patients with schizophrenia. *Abstracts of the 3rd Biennial Schizophrenia International Research Conference. Schizophrenia Research 2012; 136 (Suppl.1):S91.*
- Prakash O, Chakrabarti S, Meena K. Assessing depression and life events in residents of old age homes: Indian experience. *Proceedings of International Conference on Frailty Research, Taipei (Taiwan); 2011: 156.*

- Prakash O. Future roadmap to dementia care in India. Proceedings of 34th Annual National Conference of the Indian Psychiatric Society-Central Zone, Agra; 2012: 10.
- Prakash O, Sharma MP, Abdul Salam KP. Management of Dhat syndrome. Proceedings of 64th Annual National Conference of the Indian Psychiatric Society, Kochi; 2012: 117.
- Swaminathan G, Jhirwal OP, Benegal V. Behavioral addictions (gambling, sexual, internet): Nosology, rationale; types; etiology, course and outcome; and treatment. Proceedings of 64th Annual National Conference of the Indian Psychiatric Society, Kochi; 2012: 190.
- Vaishnav M, Rao TSS, Prakash O. Management of sexual myths and misconceptions. Proceedings of 64th Annual National Conference of the Indian Psychiatric Society, Kochi; 2012: 194.

Participation in International / National Conferences

Dr Nimesh G Desai

- National level Meeting/Seminar on Mental Illness in India at Chennai on April 4 - 5, 2011
- Symposium on "Protection of Human & Civil Rights of Mentally ill and Mentally Retarded Persons" on 16.4.2011 at Sardar Patel Institute of Public Administrative (SPIPA), Ahmadabad – as panelist on "Clinical Aspects relating to various disabilities envisaged under the aforesaid Acts".
- Regional Training and Sensitization Workshop of National Mental Health Programme at Srinagar on June 14-15, 2011.
- Participation at the National Conference on Corruption on 16th-17th July, 2011 in New Delhi and deliver a lecture on "Is corruption a social issue?"
- Participation and lecture at PG Development Programme (PGDP-2011) under the aegis of IPS-NZ on 23rd-24th July, 2011 at Kota.
- Attended General Body Meeting of the Institute of Mental Health and Hospital, Agra on 29.8.2011.

- Participation in the meeting at HO Chi Minh City of Vietnam from September 5 to 8, 2011.
- Attended Internal Conference on Transcultural Psychiatry on September 24, 2011 at Ranchi. Key note address on "Are we going in right direction".
- Attended Annual Conference of IPS North-Zone on September 25, 2011 at Rohtak.
- Attended Visit to Sikkim on September 28-30, 2012 for Needs Assessment on Mental Health Aspects of earthquake disaster as part of senior expert group on behalf of the National Disaster Management authority (NDMA).
- Governing Body Meeting of the Institute of Mental Health and Hospital, Agra on 30.1.2012.
- Attended National Seminar on "Ecology and Health: Anthropological Dimensions" at Chandigarh on February 2-3, 2012. Keynote address-Urban Mental Health".
- Attended ICMR Scientific Advisory Group (SAG) for Division of Non- Communicable Diseases (NCD) on February 13-14, 2012 at ICMR Hqrs., New Delhi.

Dr. Deepak Kumar

- Participated in a meeting of care givers of persons with mental illnesses in collaboration with Roshni, an NGO held on 30th April 2011 at IHBAS, Delhi.
- Participated in medical writing workshop held on 6th August 2011 at Dr. RML Hospital, Delhi.
- Participated in IX IAPP conference 2011 on theme "Adolescent mental health" held on 10-11 September 2011 of Ghaziabad (UP).
- Organized and participated in a National workshop on mental health rehabilitation (Stakeholder's consultative meeting) organized jointly by IHBAS, Sambandh Health Foundation & World Association of Psychosocial Rehabilitation (WAPR) India Chapter on 28th October 2011 at IHBAS, Delhi.

- Participated in the National Consultative Workshop on Autism spectrum disorders held on 9-10 November 2011 at Dr. RML Hospital, New Delhi.
- Participated in 64th Annual National Conference of Indian Psychiatric Society held at Kochi, Kerala in 19-22 January 2012 and presented a symposium on National Mental Health Programme.
- Participated in Seminar on "Overarching issues of children with special needs" held on 17th March 2012 at IIC, New Delhi.
- Participated as Resource faculty in Brain Awareness Week 2012, organized by IHBAS Delhi w.e.f. 26-30 March 2012.
- Resource Person for the topic "Harm minimization" at the PG meet at Kota, Rajasthan on March 2012.
- Free oral paper presentation at ANCIPS, Kochi on 20th January 2012 titled "Sociodemographic & Clinical Profile of Patients admitted in Child & Adolescent Psychiatry Ward of a Tertiary Care Hospital: a retrospective Chart review from IHBAS (co authors: Amit Khana, Saurabh Mehrotra, NG Desai, UK Sinha & Ravi K Jha).

Dr. Rajesh Kumar

- Delivered a talk on the "Role of ECT in Geriatric Depression" in the National Mid Term CME on "Late Life Depression" organized under the auspices of Indian Association of Geriatric Mental Health by the Department of Psychiatry, Banaras Hindu University (BHU) on 3rd June, 2012.
- Delivered a talk on the topic of "Prisoners with High Risk Behavior" at Haryana Institute of Public Administration, Gurgaon on 27th July, 2012.
- Delivered a talk on the topic of "Mental Health of Prisoners – Counseling and Psychotherapy" at Haryana Institute of Public Administration, Gurgaon on 27th July, 2012.
- Delivered a talk on the topic of "Where should Government Invest: Abstinence, Harm Minimization or Primary Prevention" at Chandigarh in the National Conference of Indian Association of Social Psychiatry on 24th November 2012.

- Delivered a talk on the topic of "Suicide in Epilepsy" in National Epilepsy Symposium 2012 at Institute of Medical Sciences, Banaras Hindu University, Varansi.

Dr. Vijender Singh

- Participated in National Workshop on Psycho-social Support and Mental Health Services during Disasters conducted by National Disaster Management Authority (NDMA) at Delhi on 7th April 2011.
- Organized and participated in a meeting of Care-givers of persons with Mental Illnesses in collaboration with Roshni, an NGO held at IHBAS Delhi on 30th April 2011.
- Participated in a Schizophrenia Workshop organized by Janssen India Ltd. on 16th Oct 2011 at Delhi.
- Organized and participated in a National Workshop on Mental Health Rehabilitation (Stakeholders' Consultative Meeting) organized jointly by IHBAS, Sambandh Health Foundation Gurgaon, an NGO and World Association of Psychosocial Rehabilitation (WAPR) India Chapter on 28th October 2011.
- Participated in 64th Annual National Conference Of Indian Psychiatric Society held at Kochi, Kerala in 19th January 2012 to 22nd January 2012 and participated in scientific sessions.
- Participated in a meeting on Psycho-social Support and Mental Health Services during Disasters: regarding training of psychosocial care workers conducted by National Disaster Management Authority (NDMA) at Delhi on 9th February 2012.
- Participated as Coordinator and Resource faculty in Brain Awareness Week 2012, organized by IHBAS Delhi wef 26.03.2012 to 30.03.2012.

Dr. Pankaj Kumar

- Organized and participated in a meeting of Care-givers of persons with Mental Illnesses in collaboration with Roshni, an NGO held at IHBAS Delhi on 30th April 2011.

- Organized and participated in a National Workshop on Mental Health Rehabilitation (Stakeholders' Consultative Meeting) organized jointly by IHBAS, Sambandh Health Foundation Gurgaon, an NGO and World Association of Psychosocial Rehabilitation (WAPR) India Chapter on 28th October 2011.
- Participated in 64th Annual National Conference Of Indian Psychiatric Society held at Kochi, Kerala in 19th January 2012 to 22nd January 2012 and participated in scientific sessions.

Dr. Manoj Kumar

- Participated in a meeting of care givers of persons with mental illnesses in collaboration with Roshni, an NGO held on 30th April 2011 at IHBAS, Delhi.
- Participated in a National workshop on mental health rehabilitation (Stakeholder's consultative meeting) organized jointly by IHBAS, Sambandh Health Foundation & World Association of Psychosocial Rehabilitation (WAPR) India Chapter on 28th October 2011 at IHBAS, Delhi.
- Participated in 64th Annual National Conference of Indian Psychiatric Society held at Kochi, Kerala in 19-22 January 2012 and presented a symposium on National Mental Health Programme.
- Participated as Resource faculty in Brain Awareness Week 2012, organized by IHBAS Delhi w.e.f. 26-30 March 2012.
- Participated in a Schizophrenia Workshop organized by Janssen India Ltd. on 16th Oct 2011 at Delhi

Awards /Honours

Dr. Om Prakash

- Selected for prestigious 'Master Class on Ageing' as young geriatrician from India (also from South Asia) organized by International Association of Gerontology and Geriatrics (IAGG-MCA) (22 to 24 November, 2011).

- UNV Karmaveer Chakra 2011 "Exceptional work for Senior Citizens" A National Award for Exceptional work for Age Care Promoted by iCongo "Karmaveer Puraskaar (KVP)", VSO & Silver Inning Foundation and other organizations working with Elderly.

Projects (Completed)

Dr. Vijender Singh

- Co-investigator in ICMR Task Force Project on "Mental Health Needs Assessment and Service Delivery Models in Tsunami Affected Population of Coastal Tamil Nadu" funded by Indian Council of Medical Research (ICMR).
- 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).
- 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).

Projects (ongoing)

Dr. Deepak Kumar

- Co-investigator in Department of health, GNCTD funded project on "How to control & stop tobacco use an integrated community based approach in East Delhi".

Dr. Vijender Singh

- Co-investigator in ICMR Task Force Project on "Mental Health Needs Assessment and Service Delivery Models in Tsunami Affected Population of Coastal Tamil Nadu" funded by Indian Council of Medical Research (ICMR).
- 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).

- 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).

Trainings Conducted

Dr. Rajesh Kumar

- Conducted training for Blood Bank Counsellors on the topic of “Suicide Risk Assessment in HIV/AIDS” at DSACS, Headquarters on 20th November 2012.
- Conducted training for Blood Bank Counsellors on the topic of “Behaviour Change Communication: HIV Transmission” at DSACS, Headquarters on 21st November 2012.
- Conducted training for Blood Bank Counsellors on the Topic of “Understanding Behaviour Change” at DSACS, Headquarters on 21st November 2012.

Department of Neurology

Dr. Kiran Bala

Publications

- Sandeep Grover, M. Gourie-Devi, Kiran Bala, Sangeeta Sharma, Ruchi Baghel, Ritushree Kukreti. A manuscript titled Functional variant from SCN1A: Influence on dose, serum levels, and therapeutic outcome of monotherapy with first-line antiepileptic drugs (2011).
- Sandeep Grover, Mandaville Gourie-Devi, Kiran Bala, Sangeeta Sharma, Ritushree Kukreti. Genetic association analysis of transporters identifies ABCC2 loci for seizure control in women with epilepsy on first line antiepileptic drugs (2012).

Paper presented

- "Epilepsy Awareness amongst students; an observation in Metropolitan city of Delhi, India" at 29th International Epilepsy Congress at Rome, Italy from 28th August to 1st September, 2011

Conferences

International

- 29th International Epilepsy Congress at Rome, Italy from 28th August to 1st September, 2011.
- 13th Asian Oceanian Congress of Neurology at Melbourne, Australia from 4 to 8th June, 2012.

National

- Teaching course of Movement Disorder for Clinical Practitioners at Agra from 3rd to 6th November, 2011.
- International Workshop on Epilepsy at G.B. Pant Hospital, New Delhi from 17th to 19th February, 2012.
- 7th Annual Indian Stroke Association Conference (STROKECON-2012) at Pune from 9th to 11th March, 2012.

Dr. Suman Kushwaha

Publications

- Kushwaha Suman, Malhotra Hardeep, Garg Sushil, Maheshwari Siddharth, Malik Seema, Goyal Renu. Central Pontine Myelinolysis (CPM): A typical Presentation of HIV. J Neurol Res 2012;2(2):59-61.
- Suman Kushwaha, Akhila Panda, Vachan Mehta, Seema Malik, Ishita Pant. Feeding Dystonia: A classical presentation of neuroacanthocytosis. International Journal of case reports and images. Vol 2012. Issn (0976-3198).
- R Gupta, S Kushwaha, S Behra, A Jaiswal, R Thakur. Vertebro-cerebral Cryptococcus mimicking tuberculosis: A diagnostic dilemma in countries with high burden of tuberculosis. Indian Journal of medical microbiology Vol 30, No 2. 245-248.
- Dheeraj Rai, Hardeep Malhotra, Ravinder K Garg, Suman Kushwaha, Sujata Chaturvedi. Hamstring lump in two muscular dystrophy. Anovel observation. Neurology India- July, Aug., Vol 60 issue 4.

Conferences

- Teaching course of Movement Disorder for Clinical Practitioners at Agra from 3rd to 6th November, 2011.
- International Workshop on Epilepsy at G.B. Pant Hospital, New Delhi from 17th to 19th February, 2012.
- 7th Annual Indian Stroke Association Conference (STROKECON-2012) at Pune from 9th to 11th March, 2012.

EVENTS OF NEUROLOGY DEPARTMENT

World Stroke Day

A Stroke symposium was conducted on 16th July, 2011 by the Department of Neurology, Institute of Human Behaviour & Allied Sciences (IHBAS). The theme of this year's Symposium was "Management of Acute Ischemic Stroke with special emphasis on Thrombolytic Therapy". The programme was of 3 hours duration from 2:00 to 5:00 P.M with lecturers by eminent speakers on practical scenario in the Management of Acute Ischemic stroke. Among the distinguished invitees were Dr. M.V. Padma, Professor of Neurology, AIIMS one of the pioneers in Stroke management & Dr. Ranjit Chatterji, SMO In-charge Critical Care Therapy at SDN Hospital, Delhi. The purpose of the discussion was to sensitize the residents from IHBAS & neighboring hospitals to the need of aggressive management of Ischemic Stroke. Dr. Kiran Bala, Additional Professor & Head (Neurology), IHBAS reiterated the availability of Thrombolytic Therapy at IHBAS and requested the participants from neighboring hospital to be vigilant in screening stroke patients and referring them to IHBAS within the window period

World Alzheimer's Day

Department of Neurology organized a Dementia Awareness Programme in the Neurology OPD on 23rd September, 2011 on the occasion of World Alzheimer's Day. A panel including Neurologist, Psychiatrist and Clinical Psychologist alongwith Medical Social Worker from IHBAS discussed Dementia problems in an interactive session with patients and their caregivers. Dr. Kiran Bala highlighted the symptoms, signs and psychosocial impact of Dementia and the panelist emphasized the need of sympathy and patience in dealing with these patients.

National Epilepsy Day

On the occasion of National Epilepsy Day, an Epilepsy Awareness Programme on 14th November, 2011 and an Epilepsy Symposium on 19th November, 2011 were conducted by the Department of Neurology, Institute of Human Behaviour & Allied Sciences (IHBAS), Delhi under the aegis of Indian Epilepsy Association, Delhi Chapter. In the Epilepsy Awareness Programme the children suffering from Epilepsy participated in the drawing competition and sports. A skit performed by the nursing staff of IHBAS conveyed the myths & realities of epilepsy for the care givers. The gifts were distributed to the children who participated in the programme and they were encouraged to participate in extra curricular activities

The Epilepsy Symposium was a 3 hours CME which was granted academic accreditation for 3 hours by Delhi Medical Council. Among the distinguished invitees were Dr. Ish Anand, Sr. Consultant (Neurology) & Vice Chairman, Sir Ganga Ram Hospital, New Delhi and Dr. Neera Chaudhary, Associate Professor (Neurology), GB Pant Hospital, New Delhi. The Symposium was attended by more than seventy participants including Neurologists, Pediatricians, Physicians, DM & DNB (Neurology) Senior Residents, Junior Residents and M.Phil (Clinical Psychology) students. The important topics were discussed included 'SUDEP', 'Special issues related to Epilepsy in Women', 'Status Epilepticus', 'First unprovoked Seizure' and 'Catastrophic Epilepsy in Childhood'. The academic activity was widely appreciated by the attendees.

Department of Neurosurgery

History

The department came into existence in April 2007 with the joining of one Associate Professor, Dr. P.K. Upadhyay and two Assistant Professors, Dr. VKS Gautam and Dr. Deepak Kumar Jha. The department is headed by Dr. P.K. Upadhyay. Neurosurgery department started the outdoor patient services in July, 2007. Neurosurgery ward started in July 2008 with admission of Mr. Vijay Kumar as very first neurosurgical patient. Neurosurgery operation theatre started working on 28th July, 2008 with successful operation of Mr. Vijay Kumar. Evacuation of subdural haematoma by frontal burr hole was done by Dr. P.K. Upadhyay and assisted by Dr. A.M. Thakur. Even after five years follow up patient is hale and hearty consolidation of present successful work to be established as a neurosurgical centre in Delhi.

Dr. P.K. Upadhyay Publications

- A review of medical and clinical ethics in medical practice & doctor patient relations in new Millennium. Jams 2011, 12-16.
- Use of real time intra-operative ultrasonography (USG) in the surgical lesions is economical, fast, accurate and portable. Jams 2011, 27-30.

Presentation

- Presented paper-complication in neuro-surgery and its management in Delhi, neurological association meet 1st October, 2011.

Participation

- Neurocon and neurosurgery society of Italy joint conference at Bangalore 15-18/12/2011.
- Association of spine surgeon of India, 23/2/2012 to 26/2/2012 La Meridein, new Delhi.
- Association of neurosurgeons of South East Asia (SANC) in hotel Annapurna.

- Became member of paediatric neurosurgery association of India
 - a. Neurotrauma association of India
 - b. Neurospine association of India

Dr. Deepak Kr. Jha

Conference attended:

- 20th Annual Annual Conference of Neurotrauma Society of India, Ranchi. (Aug' 2011).
- 3rd National Conference of Gamma Knife Radiosurgery, AIIMS, New Delhi (Feb' 2012).
- 14th AIIMS Annual Micro neurosurgery Workshop, AIIMS, New Delhi. (Feb' 2012).
- 14th Annual Conference of Delhi Neurological Association (DNACON-2012), New Delhi. (Feb' 2012).

New initiatives:

- Started Neuroendoscopic surgery with indigenous designed and developed instruments in Department of Neurosurgery.
- Started Goel's Technique and its variations in CV Junction surgery for Basilar Invagination.

Dr. V.K. S. Gautam

Department of Neurosurgery was started in March, 2007 with the joining of Dr.V.K.S.Gautam on March 12, 2007 as Assistant Professor. The Neurosurgery department is involved in the patient care services with out-patient department (OPD) on all working days, 20-bedded in- patient services and 2-bedded intensive care unit, operation theatre and on-call emergency services for the admitted patients.

Presentation in International conference

Platform presentation of Paper titled "Factors affecting clinical outcome of CNS tuberculosis following neurosurgical intervention." On 22nd September, 2012 during Annual conference of Neurosurgical Society of Australasia, at Sheraton Fiji Resorts, Fiji islands.

Participation in International/National conferences

- Annual scientific meeting of Neurosurgical Society of Australasia , from 22nd to 24th September,2011 at Sheraton Fiji Resorts, Fiji islands.
- 39th Annual Conference & CME Programme of International Society for Pediatric Neurosurgery (ISPN-2011) from 17th to 20th October, 2011 at Grand Hyatt,Goa,India.
- ASSICON-2012, Silver Jubilee Annual conference of Association of Spine surgeons of India, from 23rd to 26th February, 2012 at Le Meridian , New Delhi, India.
- Workshops on Atlantoaxial / Occipito cervical fixation and Multilevel percutaneous pedicle screws during Assicon on 23rd February, 2012, New Delhi.
- International Neuroscientist's summit (INSS) at Indo American Hospital Brain & Spine Centre , from 8th to 10th March,2012.Vaikom, Kottayam , Kerala.

Department of Neuroanaesthesiology

Since the joining of Dr Mukul Kumar Jain as permanent faculty (Assistant Professor) in the department on 19th Nov 2004, department is growing progressively with the vision to provide state of art quality services for anaesthesia and critical care. Central gas supply pipeline system was inaugurated on 24th June 2008, due to which uninterrupted supply of Oxygen has been possible. Dr Arvind K Arya had joined the department as assistant professor in 18 July 2008. First Neurosurgical operation under GA was performed on 02/02/2009. CPR training Centre under Deptt of Neuroanesthesiology for training of doctors and paramedical staff of IHBAS had also set up in 2011.

Scope of Services

Neuroanesthesiology is a discipline within the practice of medicine dealing with but not limited to, and specializing in:

- The preoperative, intra-operative and postoperative evaluation and treatment of patients who are rendered unconscious and/or insensible to pain and emotional stress during Neurosurgery, Psychiatric Procedures(like MECT, Narco-analysis), therapeutic and diagnostic or other medical procedures;
- To provide Monitored anesthesia care
- The protection of life functions and vital organs (e.g., brain, heart, lungs, kidneys, liver, endocrine, skin integrity, nerve [sensory and muscular]) under the stress of anesthetic, surgical and other medical procedures;
- Monitoring and maintenance of normal physiology during the peri-operative period;
- Diagnosis and treatment of acute, chronic and cancer-related pain;
- Clinical management of cardiac and pulmonary resuscitation;
- Evaluation of respiratory function and application of respiratory therapy;

- Management of critically ill patients;
- Conduct of clinical, translational and basic science research;
- Supervision, teaching and evaluation of performance of both medical and paramedical personnel involved in peri-operative care and cardiac and pulmonary resuscitation.
- Documentation of anesthesia care
- General Public Awareness regarding Anesthesia, CPR training etc.

Major Achievements

Patient care Services

- 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 2011, total 102 patients were seen in PAC.
- NEUROSURGICAL OPERATIONS- Total 154 operations (under GA- 130, under LA-24) was 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 978 patients had under gone such treatment under anesthetic effect during 2011 and no direct ECT was given.
- Narcoanalysis- This is an interview of a patient under the effect of Inj. Thiopentone. Total 3 patients under gone for such procedure.
- ICU Care & ventilatory support to critically ill patients- Frequently many patients in Neuro-ICU require ventilatory support to maintain the respiration and we have to moderm ICU-ventilators. Many of times help of anesthetist is required in neurology to put I.V. Line/ central line, to perform lumber punctures, to put Ryle's Tube etc.

- **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, Fibreoptic Bronchoscope, CPR Trainers.

Teaching and training

- Lecture on BLS under NABH- code blue was given so many times.
- 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



Sterilization System at IHBAS



Lectures



Inauguration of Central gas supply pipeline system on 24th June 2008

Publications

Dr. Mukul Kumar Jain

- *Jain Mukul Kumar, Tripathi Chander Bhushan. Endotracheal tube cuff pressure monitoring during Neurosurgery- MANUAL V/S AUTOMATIC METHOD (Original Article): J Anaesth Clin Pharmacol, 2011; 27(3): 358-61. ISSN 0970-9185*

a. Participation in International/ National Conferences

- 9th Annual Conference of ISCCM- Delhi and NCR Chapter- 2011 at New Delhi- 21/08/2011.
- Annual conference of ISA- Delhi Chapter- 2010 at New Delhi- 05/04/2009- 06/04/2009.
- Comprehensive course in Pain Medicine at New Delhi- 4th Dec 2011.
- 7th WINFOCUS World Congress on Ultrasound in Emergency & Critical Care at New Delhi- 26th - 27th Nov 2011.
- Ultrasound Life Support Advanced Level 1 Provider of WINFOCUS at New Delhi- 23rd - 25th Nov 2011.
- Workshop on Basic of Echocardiography in RSACPCON- 2011 at Cochin- 11th Nov, 2011.
- 3rd Annual Conference of the Indian College of Anaesthesiologists at HIHT, Jolly Grant, Dehradun- 19st -20nd Nov 2011.
- RSACPCON-2011 at Cochin- 11th- 13th Nov 2011.
- Sir Ganga Ram Hospital Annual CME- 2011 at New Delhi on 6th Nov, 2011.
- Annual conference of ISNACC, 2012 at Bhopal- 10-12 Feb.

b. Guest Lectures/ Public Lectures

- A CME lecture on "Cerebral Protection in TBI- What's New?" was delivered in 3rd Annual Conference of the Indian College of Anaesthesiologists at HIHT, Jolly Grant, Dehradun- 19st -20nd Nov 2011.
- A lecture (Dr Mukul K Jain) was delivered on 16/07/2011 on ICU management of Acute Stroke in a Stroke Symposium at IHBAS, organized by Neurology Department.

Dr. Arvind Arya

Publications

- Research article entitled as *"A double blind, randomized, controlled study of the effect of addition of Butorphanol to 0.25% Bupivacaine for bilateral Ilioinguinal Nerve Blocks in post-Caesarean Patients"* by Arvind arya, Manpreet singh, Ritu goyal published in indexed journal '*Anaesthesia, pain & Intensive care*' Vol. 14 (2) June 2011, page 76 – 81.
- Research article entitled as *"Difficult airway with difficult regional anaesthesia for lower limb orthopedic surgeries in patients with ankylosing spondylitis – what should we opt for?"* by Arvind arya, Manpreet singh, S. chaudhary published in indexed journal '*Srilankan Journal of Anaesthesiology*' vol 20(1) : (2012), page 39 – 42

Paper Presentation

- Evaluation the comparison of Dexmedetomidine with clonidine on haemodynamics and recovery profile in patients undergoing modified ECT' in 59th Annual Conference of Indian Society of Anaesthesiologists, ISACON-2011 organized by Department of Anaesthesiology and Critical Care, organized by ISA Mumbai at Hotel Grand Hyatt, Mumbai on 26th - 29th Dec. 2011.

Abstract Published

- Arvind arya, Bidyut Borah, mukul jain, Deepak kumar. 2011. 'Evaluation the comparison of Dexmedetomidine with clonidine on haemodynamics and recovery profile in patients undergoing modified ECT' in ISACON- 2011 abstract book 2011

Conference attended

- 49th Annual Conference of ISA Delhi Chapter, organized by Department of Anaesthesiology and Critical Care , LHMC , Delhi on 2nd - 3rd April 2011.
- IMA MEDICON -2011, annual conference of Indian medical association on 23rd – 24th April 2011 at Hotel country in Kaushambi, Ghaziabad, UP.
- EORCAPS – 2011, organized by Department of Anaesthesiology and Critical Care , UCMS & GTB Hospital, Delhi on 04.09.2011.
- 33rd Annual Conference of ISA UP Chapter & 2nd Annual Conference of CZ ISA, organized by Department of Anaesthesiology and Critical Care, MLB Medical College Jhansi, UP on 10-11 Sept 2011.
- 59th Annual Conference of Indian Society of Anaesthesiologists, ISACON-2011 organized by Department of Anaesthesiology and Critical Care, organized by ISA Mumbai at Hotel Grand Hyatt, Mumbai on 26th - 29th Dec. 2011.
- DNAICON- 2012, Annual conference of Delhi Neurological Society held at Indian Habitat centre, organized by Neurosciences, Apollo Hospital Delhi on 11th – 12th Jan. 2011.
- Hospital Infection Society Delhi-NCR Chapter Meet & CME on Saturday, 4th February 2012 at Indian Habitat Centre, Delhi
- Annual CME of ISNACC Delhi Chapter on 8th Feb. 2012, organized by Deptt of Neuroanaesthesiology, AIIMS Delhi.

- 18th Annual Conference of the Indian society of Critical Care Medicine & International critical care congress, Organized by ISCCM Pune Branch at Pune on 15th - 19th Feb 2012.
- CME organized Department of Anaesthesiology and Critical Care, UCMS & GTB Hospital, Delhi on 24.02.2012.

Guest Lectures taken

- Lecture on 'Anaesthetic equipment' in EORCAPS – 2010, organized by Department of Anaesthesiology and Critical Care, UCMS & GTB Hospital, Delhi on 04.09.2011
- Lecture on 'Anaesthesia for Interventional Radiological Procedures' in 33rd Annual Conference of ISA UP Chapter & 2nd Annual Conference of CZ ISA, organized by Department of Anaesthesiology and Critical Care, MLB Medical College Jhansi, UP on 11 Sept 2011.
- Conducted PG QUIZ as Quiz master in 33rd Annual Conference of ISA UP Chapter & 2nd Annual Conference of CZ ISA, organized by Department of Anaesthesiology and Critical Care, MLB Medical College Jhansi, UP on 11 Sept 2011.

Workshop Organized

Organized and conducted “workshop on Basic life Support” and delivered lecture on 'Cardiopulmonary resuscitation' in 'Janhit Institute of Education' in Ghaziabad, UP on 24th march 2011.

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, neurobehaviour 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 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 PG Scholar's Dissertation of Clinical Psychology
Department, IHBAS (Submitted in 2011)

S.No	Submitted by	Title of the Dissertation	Supervised by/Guide/Co-Guide
1.	Alemsungla Aier	Explanatory styles and personality traits in male patients of substance abuse disorder	Dr. Uday Kumar Sinha
2.	Bilal Ahmed Teli	A cross sectional study of cognitive functions and quality of life among alcohol dependent and dual diagnosis patients	Dr. Vibha Sharma
3.	Kanika Jindal	Effectiveness of short term social skills training on children with learning disability	Dr. Uday Kumar Sinha
4.	Kanika Malik	Trainee's perception of clinical psychology training	Dr. Naveen Grover
5.	Neelam Verma	Efficacy of cognitive retraining among children with epilepsy	Dr. Vibha Sharma & Dr. Kiran Bala
6.	Nidhi Singh	Spiritual psychotherapy of caregivers of patients with epilepsy: caring for the carers	Dr. Vibha Sharma & Dr. Ravinder Singh
7.	Nisha Sachdeva	Factors influencing hopelessness in college students	Dr. Naveen Grover
8.	Pallav Bonerjee	Neuropsychological profile of alcohol dependent patients : an intervention study	Dr. Vibha Sharma
9.	Pallavi Raj	Relationship between cognitive coping process and negative emotions	Dr. Naveen Grover
10.	Pragya Sharma	Exploring adult attachment styles and personality traits depression, anxiety and dissociative disorder	Dr. Uday Kumar Sinha
11.	Richa Ahuja	Impact of theory of mind training of children with social anxiety	Dr. Uday Kumar Sinha Associate professor
12.	Sri Snigdha Dittakavi	The efficacy of spiritually augmented CBT on life satisfaction and spirituality in depressed elderly	Dr. Vibha Sharma & Dr. Sarbjeet Khurana

Publications:

Papers:

Paper in International Indexed Journals:

- Sadiza, J. Varma, R., Jena, S.P.K., Singh,T.B.(2011) "Group Cognitive Behaviour Therapy in the Management of Compulsive Sex Behaviour". *International Journal of Criminal Justice Sciences*, Vol. 6(1&2), Jan-Jun/July-Dec(Combined Issue), pg : 309-325.

Paper in National Indexed Journals:

- Sinha, U. K. & Kumar, D (2011) Mindfulness-based Cognitive Behaviour Therapy with emotionally disturbed adolescents affected by HIV/AIDS. *Journal of Indian Association of Child & Adolescent Mental Health*, Vol. 6 (1), 19-30.
- Singh, L. K. & Sinha, U. K. (2011) Perceived expressed emotions and problem behaviours in epileptic children. *Indian Journal of Community Psychology*, Vol. 7 (1), 65-76.
- Jalan, R. K. & Sinha, U. K. (2011) Management of neuropsychological problems in patients with alcoholism. *Nepalese Journal of Psychiatry*, 33 (2), 97-103.
- Kaur L.;Rustagi,V.;Sharma,V. & Singh,T.B. (2011) Family Environment as a factor in Tension Type Headache. *Indian Journal of Social Psychiatry*, Vol. 27 (1-2), pp 52-54.
- Nehra D.K.; Sharma,V.; Mushtaq, H.Sharma, N.R.; Sharma, M. & Nehra,S. (2011) Emotional Intelligence and Alexithymia in Alcoholics. *Behavioural Scientist*, Vol. 12 (1), pp 101-108.
- Anuradha; Yagnik,L.R. & Vibha Sharma (2012) Improving Positive Mental Wellbeing among Adolescents: Current Need. *Delhi Psychiatry Journal* Vol. 15 (1), pp-22-27.
- Astha Sharma; Vibha Sharma & Tej Bahadur Singh (2012) A Study of *Trigunas* and Colour Preferences among Patients of Depression and Obsessive Compulsive Disorder. *Indian Journal of Positive Psychology* Vol. 3(1), pp-58-61.

- Varma, R.(2012) Cognitive Restructuring and Rehabilitation in the Management of Borderline Personality Disorder. The Psychospace, Vol. (5(2), pg 31-34.
- Varma, R. (2012) Efficacy of Cognitive Behavior Therapy in Obsessive Compulsive Disorder. The Psychospace, Vol 6(1), Pg-51-55.

Contributions:

Presentations in International conferences

- By Dr. U. K. Sinha, Additional Prof.: Presented a research paper titled '*Mindfulness based cognitive behaviour therapy with emotionally disturbed adolescents affected by HIV/AIDS*' in the 6th World Congress of Psychotherapy (WCP, 2011) organized by World Federation for Psychotherapy at Sydney, Australia from 24.08.2011 to 28.08.2011.
- By Dr. Vibha Sharma, Associate Prof.: Paper presented on "*Cognitive Impairments and Retraining among Epileptic Children*" in the 8th International Congress of INA held during 16th to 18th September, 2011, at Chennai.
- By Dr. Vibha Sharma, Associate Prof: Invited as Resource Person to deliver a lecture on the topic "Cognitive Assessments and Cognitive Rehabilitation in Health Practice" in International Conference on Recent Advances in Cognition and Health, Organized by Department of Psychology, Banaras Hindu University, Varanasi during 23rd -24th January, 2012.
- By Dr. Ruchi Varma, Clinical Psychologist: Presentation of paper titled '*Cognitive Behavior Therapy in Mental retardation*' at the International Conference on "Global Commitments towards Inclusive Development of Persons with Disabilities" from 17th -19th March, 2012 at India Habitat Center, New Delhi, Convened by Indian Association of Rehabilitation Professionals.
- By Jagdish Sadiza, Clinical Psychologist: Presented paper on '*Group Cognitive Behaviour Therapy in the Management of*

Compulsive Sex Behaviour' in the 1st International Conference on Criminology and Victimology organized by South Asian Society for Criminology and Victimology, Tamilnadu, India on Jan.16th 2011 at Jaipur, India.

National conferences

- By Dr. Vibha Sharma, Associate Prof.: Paper presented on *"Spiritual Psychology for Promoting Positive Mental Health and Improving Quality of Life: Need of the Day"* in the National Conference on 'Mental Health and Spirituality-Improving Quality of Life', an Invited Lecture during 21-22 October, 2011 at SPW College, Tirupati.
- By Jagdish Sadiza, Clinical Psychologist: Presented paper on *'Effectiveness of Cognitive Behaviour Therapy in Excessive use of Pornography and Its Impact on Emotional and Sexual Functioning'* in the First National Conference on Sexual Medicine, organized by Association of Sexuality, Education, Counsellors & Therapist (ASECT), Indore, Madhya Pradesh, India on from Dec.16th to 18th, 2011 at Indore, MP.

Participation in International conferences

- By Dr. Manisha Jha, Clinical Psychologist: Attended International Conference on "Global Commitments Towards Inclusive Development of Persons with Disabilities" From 17th -19th March, 2012 at India Habitat Center, New Delhi, India, Convened by Indian Association of Rehabilitation Professionals.

Participation in National conferences

- By Dr. U. K. Sinha, Additional Prof.: Attended National Annual Conference of Indian Association of Clinical Psychologist (NACIACP, 2012), held at Pune from 27th to 29th January, 2012 and delivered Asha Nigam Award oration on *Child & Adolescent Mental Health Services for and within Existing Judicial System: Implication for Clinical Practice and Training'*

Participation in Seminar

- By Dr. U. K. Sinha, Additional Prof.: Delivered a lecture on "*Promoting Positive Mental Health among Adolescents: Need of the Day*" in National Seminar on 'Problems of Adolescents: A Current Perspective', organized by Meerut College, Meerut on 11th-12th Nov. 2011.
- By Dr. Vibha Sharma, Associate Prof.: Delivered a lecture on "*Promoting Positive Mental Health among Adolescents: Need of the Day*" in National Seminar on 'Problems of Adolescents: A Current Perspective', organized by Meerut College, Meerut on 11th-12th Nov. 2011.

Participation in Workshop

- By Dr. Ruchi Varma, Clinical Psychologist: Pre- Conference Workshop on "Early childhood interventions for students with visual impairments and additional disabilities" on 16th March 2012 at Spinal Injury center, New Delhi, Convened by Indian Association of Rehabilitation Professionals.
- By Dr. Manisha Jha, Clinical Psychologist: Pre- Conference Workshop on "Early childhood interventions for students with visual impairments and additional disabilities" on 16th March 2012 at Spinal Injury center, New Delhi, Convened by Indian Association of Rehabilitation Professionals.

Guest Lectures:

- By Dr. U. K. Sinha, Additional Prof. : Training program for Juvenile Welfare Officers (JWOs) of Delhi Police conducted and coordinated by Delhi State Legal-aid Services Authority (DSLISA) for all the 11 districts of NCT of Delhi
- By Vibha Sharma, Asst Prof: Invited to deliver a talk on the topic "Capacity Building of Women Victims of Crime against Abuse and Trauma through Life Skills Education" on 16th Nov.2011 in a course on "Capacity Building of Women from Crime and Violence through Socio- legal Literacy", organized by Haryana Institute of Public Administration, at Gurgaon.

- By Dr.Vibha Sharma, Asst Prof: Invited to deliver a talk on the topic "Impact of Physical and mental Disabilities on Behaviour of Children" on 14th Dec. 2011 in a course organized by Haryana Institute of Public Administration, at Gurgaon.
- By Dr.Vibha Sharma, Asst Prof: Invited by Department of Psychology, Barkatullah University, Bhopal (M.P.) to deliver invited guest lecturers from 26th March to 28th March 2012, in the area of Neuropsychology.
- By Dr. Ruchi Varma, Clinical Psychologist: Guest lectures at NIPCCD, Delhi, for advanced Diploma in Child Guidance and Counseling
- By Jagdish Sadiza, Clinical Psychologist: Delivered on '*Identification, Management and Rehabilitation of Person with Mental Retardation, with Attention Deficit Disorder, with Autistic Disorder and with Learning Disability*' on Jan 9th ,11th & 12th , 2012, at DIET, NE, Delhi, organized by State Council of Education Research and Training (SCERT), NE, New Delhi.
- By Jagdish Sadiza, Clinical Psychologist: Delivered on '*Mental Disability*' on Feb 22th, 2011 at Institute of Dalit and Research Studies, Delhi, organizes by the same Institute.

Professional Affiliation:

- By Jagdish Sadiza, Clinical Psychologist: Life Membership in South Asian Society for Criminology and Victimology Tamilnadu, India.

Award/Honours

- By Dr. U. K. Sinha, Additional Prof. : Received Asha Nigam (Child & Adolescent Mental Health) Award for the year 2011 by Indian Association of Clinical Psychologists (IACP)

Department of Psychiatric Social Work

The department of Psychiatric Social Work is engaged in providing various psychosocial interventions to clients with psychiatric and neurological disorders both at the Out Patient and in patient level. The activities are mainly focused on the Psycho-social assessment of the patients and their families, designing individualized and comprehensive treatment plan and providing the appropriate social work interventions. The department, as a part of the multidisciplinary set up, works with individuals, formal and informal caregivers of patients, their family members, communities & groups, and also various governmental and non-governmental organizations. The services aim at assessing the strengths and abilities of mentally/neurologically ill persons and their families and providing them with crisis-intervention, psycho-education, life skills/ social skills training and rehabilitation counseling. The department is actively involved in resource mobilization and has tapped various community resources for the welfare and benefit of the patients.

The department is actively involved in finding solutions to various psychosocial and legal problems pertaining to the different clientele by conducting individual, group and family sessions, conducting home visits, establishing collateral contacts and networking with various welfare and legal agencies so as to help persons with mental illness lead a life of dignity and worth.

Rehabilitation being one of the core activities of Psychiatric Social Work profession, the department is actively involved in the process of discharge of patients and their reintegration into the community/society. Rehabilitation of the patients is carried out upon assessment of the available family/community resources, liaison with the families of such individuals, their employers, Governmental, non-governmental organizations and law enforcement agencies.

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 2011- 2012, the department provided Case Work services which includes Psycho education, Life Skills

Training and Crisis Intervention to 6912 patients; Group Work Services to 1476 patients and Family Intervention in the form of family assistance, counselling and Home Visits to 4577 family members. Similarly, psychiatric rehabilitation services were provided to 5312 patients and referral and liaison services to 1811 patients and families. Other services such as guidance, general counseling, Income and Disability Assessment were carried out for 1142 patients during the said year. A total of 54 court visits and Home visits and 11 NGO visits were also carried out during the said year.

Specialty 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 1888 persons were provided with de-addiction counseling, 189 clients with mental retardation and 151 clients and families with child and adolescent mental health problems in these specialty clinics during the year 2011 - 2012.

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 Gardens and Nehru Park during the winter season of 2011-2012.

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 and Graduate students of Social Work from various Institutes or Universities all over India. Nearly 10 students have undergone their training in the Department for the year 2011- 2012.

Provided Field training in Mental Health to Post Graduate students of Clinical Psychology from University of Delhi and Jamia Millia Islamia. A total of 18 students underwent the training at the dept. of Psychiatric Social Work for two weeks.

Research

Dr.Jahanara M. Gajendragad

- Co-investigator in ICMR sponsored Project, "A Multi Centre Task Force Study on Mental Health Needs assessment and Service Delivery Models in the Disaster Affected Population of Gujarat".

Mr. Pravin Yannawar

- Co-investigator in ICMR sponsored project titled "NICED-IHBAS-RIMS Collaborative project on HIV/AIDS and Drug Abuse in Manipur" (Report submitted to ICMR)
- Co-investigator in NACO sponsored multicentred project "Mental health morbidity and Psycho-social needs of persons living with HIV/AIDS".

Seminars/ Symposia/Conferences Attended / Papers presented

Jahanara M. Gajendragad

- Was Co-author in scientific research paper titled "Understanding the socio-cultural barriers of a village community of U.P., India in the search of help for mental health problems: an analysis of a case study" in the International conference on Transcultural Psychiatry organized by RINPAS,Ranchi-6,Jharkhand on Sep. 2011.
- Was a co-author in scientific paper titled "Re-integration of Court ordered Psychiatric patients belonging to other states with the help of Government Machineries : IHBAS experience" presented by Mr. Pravin Yannawar in XXX Annual National Conference of Indian Society of Professional Social Work held at NIMHANS Bangalore during 5th to 7th January, 2012.

- Participated in the Symposium on “Mental Health empowerment” organized by IHBAS in collaboration with Dept. of Health & Family Welfare, GNCTD and Ministry of Health & family Welfare, GOI on 10th October, 2011.
- Participated in one day National Seminar on the topic of 'Social entitlements and mental illness', organized by The Banyan Academy of Leadership in Mental Health (BALM), Chennai on 4th April 2011.
- Attended the National Workshop on Psycho Social Support and Mental Health Services organized by National Disaster Management Authority on 7th April, 2011.
- Invited as a delegate to participate in a visionary Conference – Yokogawa Vision 2025 organised by a Multinational company, Yokogawa at Bangalore from 3rd to 5th February, 2012.

Sangeeta Kumari

Participated in the Symposium on “Mental Health empowerment” organized by IHBAS in collaboration with Dept. of Health & Family Welfare, GNCTD and Ministry of Health & family Welfare, GOI on 10th October, 2011.

Pravin Yannawar

- Presented scientific paper titled “Re-integration of Court ordered Psychiatric patients belonging to other states with the help of Government Machineries : IHBAS experience” in XXX Annual National Conference of Indian Society of Professional Social Work held at NIMHANS Bangalore during 5th to 7th January, 2012.
- Participated in the Symposium on “Mental Health empowerment” organized by IHBAS in collaboration with Dept. of Health & Family Welfare, GNCTD and Ministry of Health & family Welfare, GOI on 10th October, 2011.

Saswati Chakraborti

Participated in the Symposium on “Mental Health empowerment” organized by IHBAS in collaboration with Dept. of Health & Family Welfare, GNCTD and Ministry of Health & family Welfare, GOI on 10th October, 2011.

Sampa Sinha

- Presented scientific research paper titled "Understanding the socio-cultural barriers of a village community of U.P., India in the search of help for mental health problems: an analysis of a case study" in the International conference on Transcultural Psychiatry organized by RINPAS, Ranchi ,Jharkhand on Sep. 2011
- Participated in one day National Seminar on the topic of 'Social entitlements and mental illness', organized by The Banyan Academy of Leadership in Mental Health (BALM), Chennai on 4th April 2011.

Himanshu Kumar Singh

- Participated in the Symposium on “Mental Health empowerment” organized by IHBAS in collaboration with Dept. of Health & Family Welfare, GNCTD and Ministry of Health & family Welfare, GOI on 10th October, 2011.

Abdul Arshad Naaz

- Participated in the Symposium on “Mental Health empowerment” organized by IHBAS in collaboration with Dept. of Health & Family Welfare, GNCTD and Ministry of Health & family Welfare, GOI on 10th October, 2011.

Workshops /Meetings/ Rallies conducted/Participated in:

Jahanara M. Gajendragad

- Participated in the Symposium on “Mental Health empowerment” organized by IHBAS in collaboration with Dept. of Health & Family Welfare, GNCTD and Ministry of Health & family Welfare, GOI on 10th October, 2011.

- Conducted a half day sensitization workshop for the staff of Chetanalaya, a Sundarnagri based NGO in Delhi on 'Mental Health and Well-being on 2nd June 2011.
- Participated as a subject expert in the National Consultative Workshop on Autism Spectrum Disorders organized by DGHS, Ministry of Health and Family Welfare to be held at PGIMER, RML Hospital on 9th and 10th November, 2011.
- Was one of the coordinators in organizing the National Workshop on "Mental Health Rehabilitation", organized by IHBAS in Collaboration with Sambandh Health Foundation on 28th October, 2011.
- Organised and coordinated a meeting with the caregivers from the NGO, Roshni on 30th April, 2011.

Sangeeta Kumari

- Participated in the National Workshop on "Mental Health Rehabilitation", organized by IHBAS in Collaboration with Sambandh Health Foundation on 28th October, 2011

Saswati Chakraborti

- Actively participated in the National Workshop on "Mental Health Rehabilitation", organized by IHBAS in Collaboration with Sambandh Health Foundation on 28th October, 2011
- Actively participated in NGO-meeting organized by YMCA, New Delhi at Sunlight Colony, Old Seemapuri on 23rd September, 2011.

Ravi Kishan Jha

- Participated in the National Workshop on "Mental Health Rehabilitation", organized by IHBAS in Collaboration with Sambandh Health Foundation on 28th October, 2011
- Attended the National Consultative Workshop on Autism Spectrum Disorders organized by DGHS, Ministry of Health and

Family Welfare to be held at PGIMER, RML Hospital on 9th and 10th November, 2011.

Sampa Sinha

- Participated as Rapporteur in the National Workshop on "Mental Health Rehabilitation" on 28th October 2011 at IHBAS, Delhi.
- Conducted a half day sensitization workshop for the staff of Chetanalaya, a Sundarnagri based NGO in Delhi on 'Mental Health and Well-being on 2nd June 2011.

Himanshu Kumar Singh

- Actively participated in the National Workshop on "Mental Health Rehabilitation", organized by IHBAS in Collaboration with Sambandh Health Foundation on 28th October, 2011

Abdul Arshad Naaz

- Actively participated in the National Workshop on "Mental Health Rehabilitation", organized by IHBAS in Collaboration with Sambandh Health Foundation on 28th October, 2011

Invited as Experts/ Resource Persons

Dr. Jahanara M. Gajendragad

- Invited as subject expert for selection of Assistant Professor in Psychiatric Social Work at Post Graduate Institute of Medical Sciences, Rohtak on 6th September, 2011.
- Invited as a Resource person to offer Guest Lecture on orientation of Social Work students to Mental Health Setting at the department of Social Work, University of Delhi and Ambedkar College, Delhi in August, 2011.
- Invited as a Resource person to address adolescent substance abuse for the residents of Kingsway Camp, Delhi.

Pravin Yannawar

- Invited as expert for conducting Counsellor's interview at Delhi State AIDS Control Society (DSACS) in September, 2011 and February, 2012.

Ph.D Awarded:

Saswati Chakraborti was awarded the Ph.D Degree in November, 2011 by Delhi University. The title of Thesis is "The Impact of Psychosocial Intervention Programmes In The Family Distress Of Schizophrenic Patients".

Publications:

- Sangeeta Sharma, Naveen Kumar, Saswati Chakraborti, Sampa Sinha, Sushma Kumari, *Jahanara M. Gajendragad*, "Prevalence and factors associated with medication compliance in Indian Patients suffering from mental disorders" *Tropical Doctor* January, 2012; 42:28-31.
- Sangeeta Sharma, Naveen Kumar, *Saswati Chakraborti*, Sampa Sinha, Sushma Kumari, Jahanara M. Gajendragad, "Prevalence and factors associated with medication compliance in Indian Patients suffering from mental disorders" *Tropical Doctor* January, 2012; 42:28-31.
- Sangeeta Sharma, Naveen Kumar, Saswati Chakraborti, *Sampa Sinha*, Sushma Kumari, Jahanara M. Gajendragad, "Prevalence and factors associated with medication compliance in Indian Patients suffering from mental disorders" *Tropical Doctor* January, 2012; 42:28-31.

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

- Ph.D thesis entitled "A Study on Candidate Gene Polymorphism and Environmental Exposure in Neurodegenerative Disorders: Alzheimer's disease and Parkinson's disease" is going on in the department under Delhi University.

- 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

- **Ph.D thesis (on going):** "A Study on Candidate Gene Polymorphism and Environmental Exposure in Neurodegenerative Disorders: Alzheimer's disease and Parkinson's disease"
- **Ph.D thesis (on going):** "Comparative Evaluation of Newer Biodosimetric approaches to assess Acute Radiation Damage"
- **MD thesis (on going):** "Clinical and Biochemical profile of patients with Premature Canities: A Pilot Study" in collaboration with UCMS, Delhi.

Publications

Papers:

International indexed journals

- Anju Aggarwal, Neha Rastogi, Hema Mittal, Neelam Chhillar, Rahul Patil. Thyroid hormone levels in children receiving Carbamazepine or valporate. *Pediatric neurology*.2011;45:159-162.
- Agarwal R, Tripathi, CB. Diagnostic utility of Amyloid & Tau in Dementia. *Int J Alzheimer's Disease*, 2011. Doi:10.4061/2011/503293.

National indexed journals

- Chhillar N, Khurana S, Agarwal R. Effect of Pre-analytical errors on quality of Laboratory Medicine. Ind J Clin Biochem. 2011; 25(1): 46-49.
- Agarwal R. Vitamin B12 deficiency and cognitive impairment in elderly population. Ind J Med Res. 2011; 134: 410-412.
- Agarwal R, Chaturvedi S, Chhillar N, Goyal R, Pant I, Tripathi CB. Role of intervention on laboratory quality. Ind J Clin Biochem. 2011; DOI 10.1007/s12291-011-0182-7.

Contributions:

Participation in International/National Conferences (Abstract Published)

- International conference on stress: Paradigm shift in Technology and allied Sciences (ICONS- PSTAS) held on 27-28 December, 2011 in IISMAAS, Delhi.
- National symposium on emerging trends in biotechnology (NSETB 2012) held on 24- 25 February, 2012 in MMMCP, Punjab.
- 2nd International Congress on Gerontology and Geriatrics Medicine 2012 held on 25-29 February, 2012 in UCMS & AIIMS, Delhi.

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
- **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 .

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

- 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.

● 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)

- **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 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)
- Ms Manavata Singh (Laboratory assistant), joined on 18.9.2007 (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)

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 Phosphatase)
- 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

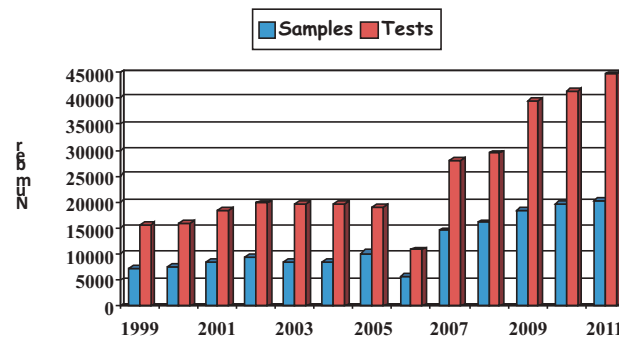
Patient care services

During the one year 44,529 investigations were conducted on 20,491 patients. Approximately 150 referred samples were also received from other government hospitals for neuropathology work up.

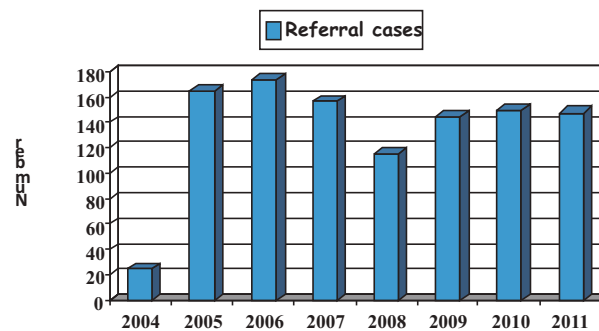
Facilities for the following tests are available: Hematology- Hemogram with ESR, cell counts, packed cell volume, mean corpuscular volume, mean corpuscular hemoglobin, mean corpuscular hemoglobin concentration, erythrocyte sedimentation rate, reticulocyte count, osmotic fragility test, sickling test, 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.

Departmental Statistics for all routine tests



Departmental Statistics for referral cases



Patient care services

- IHBAS is now self reliant in terms of Diagnostic Pathology
- All required hematological and cytological investigations are available
- Department of Pathology specializes in:
 - Muscle biopsies
 - Nerve biopsies
 - Histopathological examination of tumorous and non tumorous lesions of the CNS

- Referral services for patients from other government hospital are available at nominal charges
- The department is enrolled in hematology and histopathology external quality assurance programs conducted by AIIMS
- Staff is regularly trained and oriented to the changing needs of the institute

Teaching and training

- Participation in interdepartmental teaching & training activities
- Department is involved in the training of students of DM Neurology who are posted for Pathology training on a regular basis
- Lately the department has been involved in the training of postgraduate students of dept of Pathology, UCMS
- Short term training to DMLT & B Tech (Biotechnology) students from other institutes like Shaheed Rajguru College of Applied Sciences for Women, Delhi, Janta College of Pharmacy, Sonapat, Haryana, Baba Saheb Ambedkar Institute of Technical Training, Delhi & Jaypee Institute of Information Technology, NOIDA, was imparted by the department so as to enable them to handle independently the basic diagnostic techniques pertaining to pathology

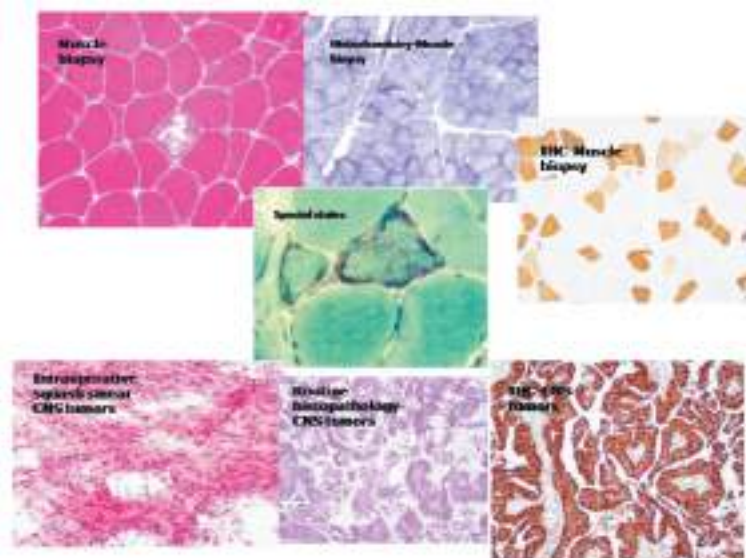
- **Research (funded)**

Collaboration with dept. of Biochemistry on ICMR funded project "Development of a model system for quantitative microwave exposure to experimental animals for studying behavioral, biochemical, immunological and genotoxic effects"

Well equipped laboratories and trained laboratory staff



Facilities available



Papers: International indexed journals

- Agarwal R, Chaturvedi S, Chhillar N, Pant I, Kaushik S, Tripathi CB. A trend analysis of quality indicators of patient safety in the clinical laboratory over 21 months. *Lab Medicine* 2012; 43: 300-306
- Gupta A, Bansal S, Chaturvedi S. Primary Ewing's Sarcoma of frontoparietal bone with major soft tissue extension: an unusual presentation and review of the literature. *Case reports in Pathology*. In Press
- Gulati D, Aggarwal AN, Kumar S, Chaturvedi S. Primary Ewing's sarcoma of the second cervical vertebra: a rare entity. *J Pediatr Orthop* 2011; 20: 408-12
- Gupta A, Dua R, Momin A. Isolated Pituitary tuberculoma masquerading as Pituitary adenoma. *The Indian Practitioner*. In Press

National indexed journals

- Rai D, Malhotra HS, Garg RK, Kushwaha S, Chaturvedi S, Kumar N. Hamstring lump in two muscular dystrophies: A novel observation. *Neurol India* 2012; 60: 431-32
- 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. *Indian J Clin Biochem*. In press
- Gupta C, Gupta A. Blood Substitutes. *Indian J Transfusion Medicine*. 2011; 1:45-50
- Gupta C, Gupta A. Platelet Transfusion in Dengue patients. *Indian J Transfusion Medicine*. 2012; 2: 70-74.

Presentations in International/National Conferences

- Pant I, Chaturvedi S, Kumari R, Dua R, Gupta S. Central Nervous System (CNS) tumours: Radiologic Pathologic Correlation and Diagnostic Approach. Indian Society of Neuro-oncology 2012, NIMHANS, Bangalore, 06th -08th April, 2012

Participation in International/National Conferences

- Dr Chaturvedi S and Pant I participated in the Indian Society of Neuro-oncology Conference, 2012, NIMHANS, Bangalore, 06th -08th April, 2012
- Dr Chaturvedi S and Pant I participated in Myocon, organized by Muscular Dystrophy Association India at Chennai, 21st -22nd Jan, 2012
- Dr Gupta A participated in TRANSCON 2011 - 36th Annual National Conference of Indian Society of Blood Transfusion and Immunohematology (ISBTI) from 30th October -1st November, 2011, Panchkula, Haryana.
- Dr Gupta A participated in APCON 2011-60th Annual Conference of IAPM and IAP-ID from 1st -4th December, 2011 at Govt. Medical College, Patiala.
- Dr Gupta A participated in XVII Indo-US International CME in histopathology, cytopathology & hematology from 3rd-5th February, 2012 at Himalayan Institute, Dehradun.

Blood Storage Unit has been started at IHBAS. The mother Blood Bank is the Regional Transfusion Center, GTB Hospital. The policies and practices being instituted are as per NABH guidelines.

Department of Neuropsychopharmacology

The Dept. 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 dept. 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. In addition, the department also provided plasma Homocysteine level estimation for research purposes. During the period from 1st April 2011 till 31st March, 2012 a total of 8174 tests were done. The dept. is enrolled in the External Quality Assurance Program (EQAP) from BioRad.

Professional achievements.

- Secretary, Medical Council of India, New Delhi- March 25, 2011 to March 30, 2012.
- Member, Governing Council, NABH, Quality Council of India, November 2011.
- Member, Ethics Committee, National AIDS Control Organization (NACO), Ministry of Health & Family Welfare, Government of India since September 10, 2008-2011.

Special trainings receive

- Pursuing MBA (HCA) from of Management Studies, Delhi University, July 2010-2013

Teaching and Training

Co-supervisor Ph.D course

PhD awarded on Thesis entitled "Health Seeking Behaviour among the JJ clusters of Delhi pertaining to ARI among children" registered in Anthropology registered under University of Delhi, November 27, 2006-2012.

Co-supervisor MD course

- Thesis entitled "Effect of Carbamazepine monotherapy on homocysteine, vitamin B₁₂ and folic acid levels on ambulatory children with partial epilepsy" registered in Department of Paediatrics, GTB Hospital registered under University of Delhi session: 2009 - 2012.
- Thesis entitled "Intravenous valproate versus intravenous phenytoin in childhood epilepsy" registered in Department of Paediatrics, GTB Hospital registered under University of Delhi session: 2008 - 2011.

PUBLICATIONS:

International Publications

- Sharma. S, Kumar. N, Chakraborti. S, Sinha. S, Kumari. S, Jahanara. MG. Prevalence and Factors Associated with Medication Compliance in Indian Patients Suffering from Mental Disorders. Tropical Doctor 2012: 42; 28-31.
- Anuradha Rai, Anju Aggarwal, Hema Mittal, Sangeeta Sharma. Comparative Efficacy and safety of Intravenous Valproate and Phenytoin in Children. Paediatric Neurology 2011: 45; 300-304.

Books

Medicines for Disasters. Ranjit Roy Chaudhury, Sangeeta Sharma, JS Bapna (eds) published by Government of NCT of Delhi 2011.

Chapters

- Sangeeta Sharma. Promoting Rational Use of Medicines. YP Munjal (Editor) API Text book of Medicine 9th edition Published by the Association of Physicians of India 2012.

National/Zonal Training program/ Conferences/ workshops

- Resource person in an Resource person in an Interactive workshop on “Medication Safety” organized by National Accreditation Board for Hospitals and Healthcare Providers (NABH) January, 2012 at Ahmadabad.



Emergency Lab

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.

Major Achievements

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.

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.

Teaching and training:

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

Research

As Co-supervisor, supervised M.D. (Psychiatry) thesis entitled "*Quality of life and Burden in the caregivers of patients with Dementia*".

Publications

Papers

International indexed journals

- Agarwal R, Tripathi, CB. Diagnostic utility of Amyloid & Tau in Dementia. Int J Alzheimer's Disease, 2011. Doi:10.4061/2011/503293.

National indexed journals

- Agarwal R, Chaturvedi S, Chhillar N, Goyal R, Pant I, Tripathi CB. Role of intervention on laboratory quality. Ind J Clin Biochem. 2011; DOI 10.1007/s12291-011-0182-7.
- Jain MK, Tripathi CB. Endotracheal tube cuff pressure monitoring during neurosurgery – Manual vs. Automated method. Journal of Anesthesiology Clinical Pharmacology July 2011 ; 27(3):358-61.
- Mitrabasu, Sripathy G, Ravishankar L, Chug PK, Chhillar N, Tripathi CB. Association of Diabetic Neuropathy with Clinical and Laboratory Parameters in Adult India Subjects. The Indian Practitioner 2011; 64(3): 139-44

Contribution

Presentation in International / National Conference

Paper titled "Diagnostic Utility of CSF tau and $A\beta_{42}$ in dementia: A meta-analysis" presented in XXIX Annual Conference of Indian Society for Medical Statistics, organized by Department of Statistics, National Institute for Research in Tuberculosis, ICMR, Chetpet, Chennai, during November 03-05, 2011.

Guest lectures / Public lectures:

Taught, as Guest Faculty, 03 credit course of Biostatistics to M. Sc.(Immunology / Virology) students of Amity Institute of Virology and Immunology, Amity University

Awarded / Honours :

Life Membership of International Epidemiological Association has been awarded.

Professional affiliation

- Nominated as Member of Scientific Advisory Committee of Desert Medicine Research Centre, Jodhapur, ICMR, New Delhi.
- Appointed as External Examiner by Controller of Examination, BHU, Varanasi, for the practical & viva-voce examination of M.Sc. (Health Statistics) semester-I, held on December 27, 2011.
- Appointed as External Examiner by Controller of Examination, BHU, Varanasi, for the practical & viva-voce examination of B.Sc. (Statistics) - III semester-I, held on April 30, 2011.

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 sickness 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. In this sense Medical anthropology heavily draws upon socio-cultural aspects as well as on biological anthropology to better understand those factors which influence mental health and well being of people, their experiences and prevalence of neuro-psychiatric illnesses, mainly *Brain-mind* problems and looks for the their solutions in a better way, the prevention and treatment of sickness, healing processes, the social relations of therapy management, and the cultural importance and utilization of cultural resources for the better mental health care. Since the discipline, as it draws upon many different theoretical approaches. It is as attentive to popular health culture as bio-scientific epidemiology and the social construction of knowledge. Medical anthropologists examine how the health of individuals, larger social formations, and the environment are affected by interrelationships among the human beings; cultural norms and social institutions; micro and macro politics and forces of globalization as each of these affects local worlds of social sufferings. New initiative, under the supervision of the Director, has been taken by the department to train the anthropology PG interns from Panjabi University.

Teaching and Training

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

Research

- **Co-Principal Investigator:** *Psychosocial Dimensions of the Epilepsy in the Northern District of India*. UGC Minor Research Project sanctioned to Principal Investigator, Department of Psychology, GRPG College, Rampur, UP (Research Project completed in March 2012 and its Report likely to be submitted to UGC by June or August 2012.)

Co-Supervisor for M. Phil Clinical Psychology Dissertation.

- Nidhi Singh. (2011). *Spirituality Psychotherapy of Caregivers of Patients with Epilepsy: caring for the Carers*. M. Phil Dissertation submitted in partial fulfillment to University of Delhi.

Publication

- Upmesh Kumar Talwar, A N Verma, Ravinder Singh and Vibha Sharma and (2011). Co- Dependency and Marital adjustment in Depression. *Delhi Psychiatry Journal, Vol.14 No.1 April , 2011, 110-115*

Chapters in Books

- Ravinder Singh, Sarabjeet Khurana, Kiran Bala & Mahesh Bhargava (2011). Social, Cultural and Ethical Issues in Dementia; Chapter-24; In *Clinical Neuropsychology (Assessment and Rehabilitation : A Practical Approach)* edited by Vibha Sharma and Shazadi Malhotra; Published by Harprasad Institute of Behavioral Sciences, Agra,India
- Vibha Sharma, Ravinder Singh, Upmesh K Talwar & Mahesh Bhargava (2011). Ethical and Legal Issues related to Dementia and Epilepsy; Chapter-25; in *Clinical Neuropsychology (Assessment and Rehabilitation : A Practical Approach)* edited by Vibha Sharma and Shazadi Malhotra; Published by Harprasad Institute of Behavioral Sciences, Agra,India

Abstract Published

- N Singh, V Sharma and Ravinder Singh (2012). *Spiritual psychotherapy of caregivers of patients with epilepsy: An Indian perspective for caring for the carers* in International Conference on Recent Advances in Cognition and Health , January, 23-24, 2012 organised by Department of Psychology, Banaras Hindu University, Varanasi, India
- N Singh, V Sharma and Ravinder Singh (2012). *Care giving burden, personality characteristics and coping strategy of care*

giving patients with epilepsy in International Conference on Recent Advances in Cognition and Health , January, 23-24, 2012 organised by Department of Psychology, Banaras Hindu University, Varanasi, India

- Bala, K.; Khurna,S; Sharma,V and Ravinder Singh(2011). *Epilepsy Awareness among the Students: Anobservation in Metropolitan City of Delhi, India* in 29th International Epilepsy Congress, 28th August-1st September,2011, Rome

Other 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 or the Administration time to time.

Publication

- Upmesh Kumar Talwar, A N Verma, Ravinder Singh and Vibha Sharma and (2011). Co- Dependency and Marital adjustment in Depression. *Delhi Psychiatry Journal*, Vol.14 No.1 April , 2011, 110-115
- N Singh, V Sharma and Ravinder Singh (2012). *Spiritual psychotherapy of caregivers of patients with epilepsy: An Indian perspective for caring for the carers* in International Conference on Recent Advances in Cognition and Health , January, 23-24, 2012 organised by Department of Psychology, Banaras Hindu University, Varanasi, India
- N Singh, V Sharma and Ravinder Singh (2012). *Care giving burden, personality characteristics and coping strategy of care giving patients with epilepsy* in International Conference on Recent Advances in Cognition and Health , January, 23-24, 2012 organised by Department of Psychology, Banaras Hindu University, Varanasi, India
- Bala, K.; Khurna,S; Sharma,V and Ravinder Singh(2011). *Epilepsy Awareness among the Students: Anobservation in Metropolitan City of Delhi, India* in 29th International Epilepsy Congress, 28th August-1st September,2011, Rome

Hospital Statistics at a glance

Outpatient statistics

Department of Psychiatry

Psychiatry	2010	2011	%(increase/decrease)
Total	197337	218522	↑ 11
Old case	171374	190448	↑ 11
New case	25963	28074	↑ 8

Department of Neurology

Neurology	2010	2011	%(increase/decrease)
Total	133328	149616	↑ 12
Old case	108484	122513	↑ 13
New case	24844	27103	↑ 9

Department of Neurosurgery

Neurosurgery	2010	2011	%(increase/decrease)
Total	2592	3347	↑ 23
Old case	1533	1852	↑ 17
New case	1059	1495	↑ 29

In patient statistics

Department of Psychiatry

Psychiatry	2010	2011	%(increase/decrease)
Admission	2009	1970	↓ -2
Discharge	1933	1973	↑ 2
Bed Occupancy rate (%)	91	96	↑ 6%

Department of Neurology

Neurology	2010	2011	%(increase/decrease)
Admission	1193	1093	↓ -8
Discharge	1219	1167	↓ -4
Bed Occupancy rate (%)	84	81	↑ -4

Department of Neurosurgery

Neurosurgery	2010	2011	%(increase/decrease)
Admission	310	280	↓ -11
Discharge	310	306	↓ -1
Bed Occupancy rate (%)	38	37	↓ -1

Emergency Services

Emergency Services	2010	2011	%(increase/decrease)
Total	18963	20338	↑ 7
Psychiatry	12721	13643	↑ 7
Neurology	6242	6695	↑ 7

Speciality Clinics Services

Speciality Clinics Services	2010	2011	%(increase/decrease)
Mental Retardation Clinic	6883	10159	↑ 48
Child Adolescence Psychiatric Clinic	6414	7990	↑ 25
Neurobehaviour Clinic	880	896	↑ 2
Movement Disorder Clinic	745	763	↑ 2
Marital & Psychosexual Clinic	826	1120	↑ 36
Tobacco Cessation Clinic	636	1036	↑ 63
Epilepsy Clinic	2537	2632	↑ 4
Drug Abuse Treatment & Rehabilitation Centre	6494	7951	↑ 22

Clinical Psychology Services

Clinical Psychology Services	2010	2011	%(increase/decrease)
Total Sessions Conducted	18360	10518	↓ -43
IQ Assessment	3763	1866	↓ -50

Other Services

Other Services	2010	2011	%(increase/decrease)
Physiotherapy Services	7266	9436	↑ 30
Occupational Therapy Services	1729	2224	↑ 29
Psychiatric Social Work Services	5981	6766	↑ 12

Community Outreach Clinics

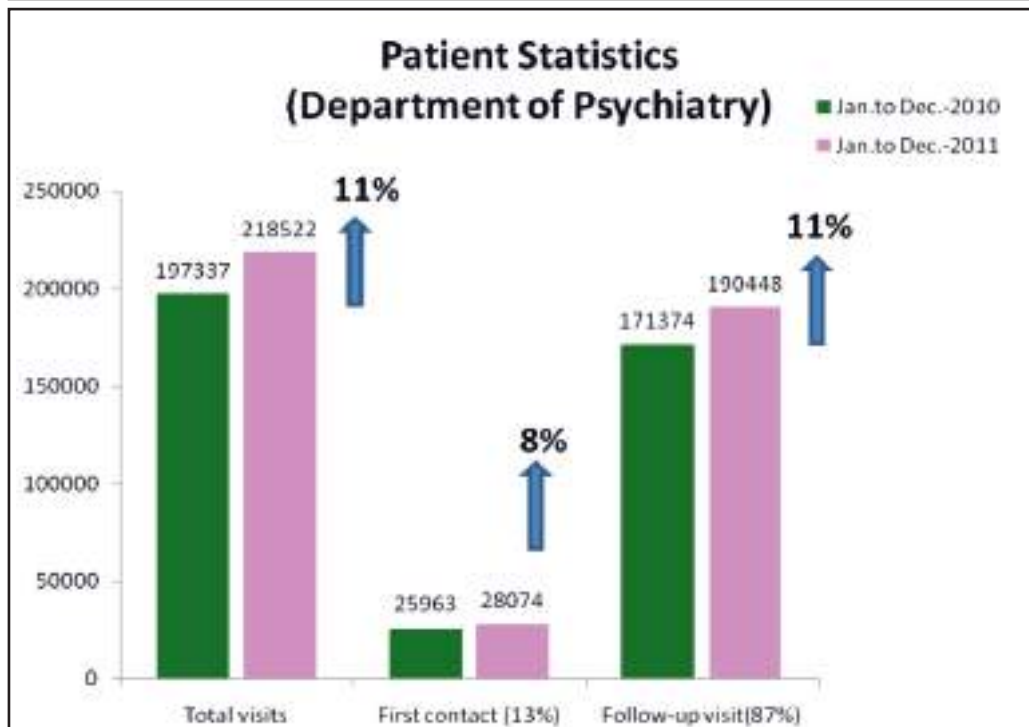
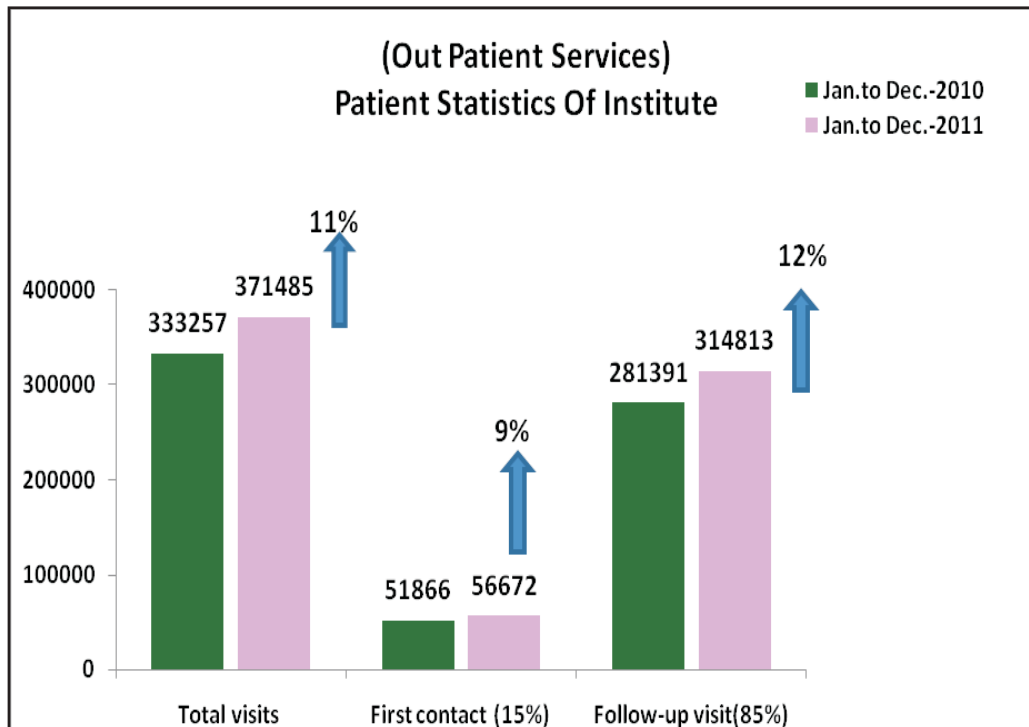
Community Outreach Clinics	2010	2011	%(increase/decrease)
Jahangirpuri	10319	9831	↓ -5
Chhattarpur	5124	5859	↑ 14
Jama Masjid	2095	2636	↓ 26

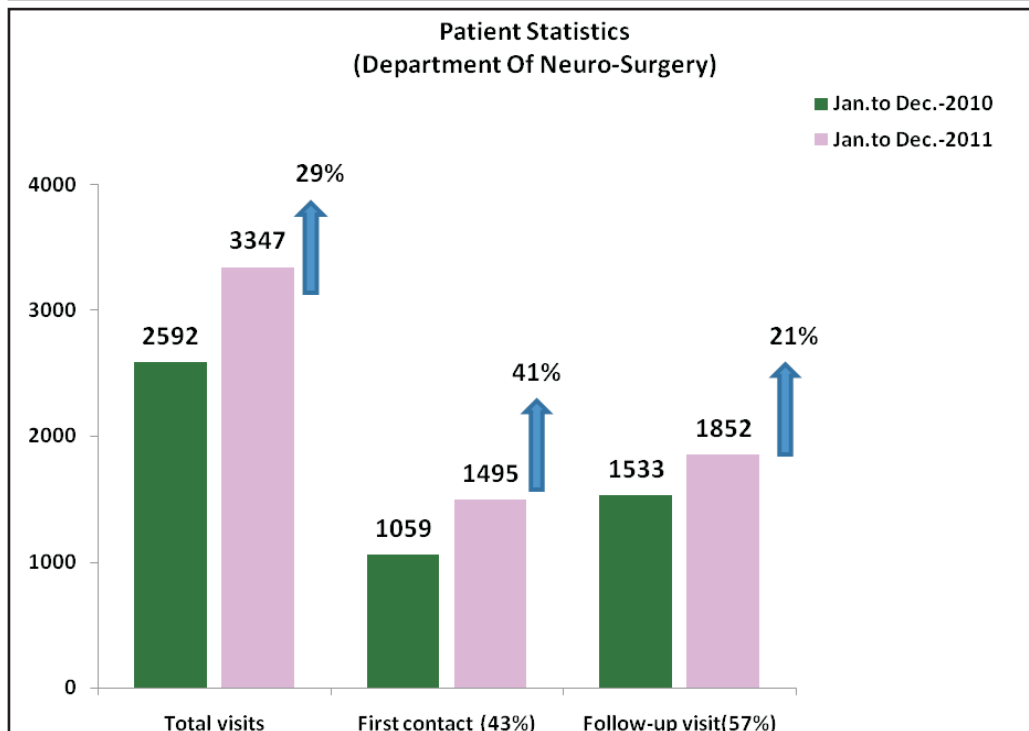
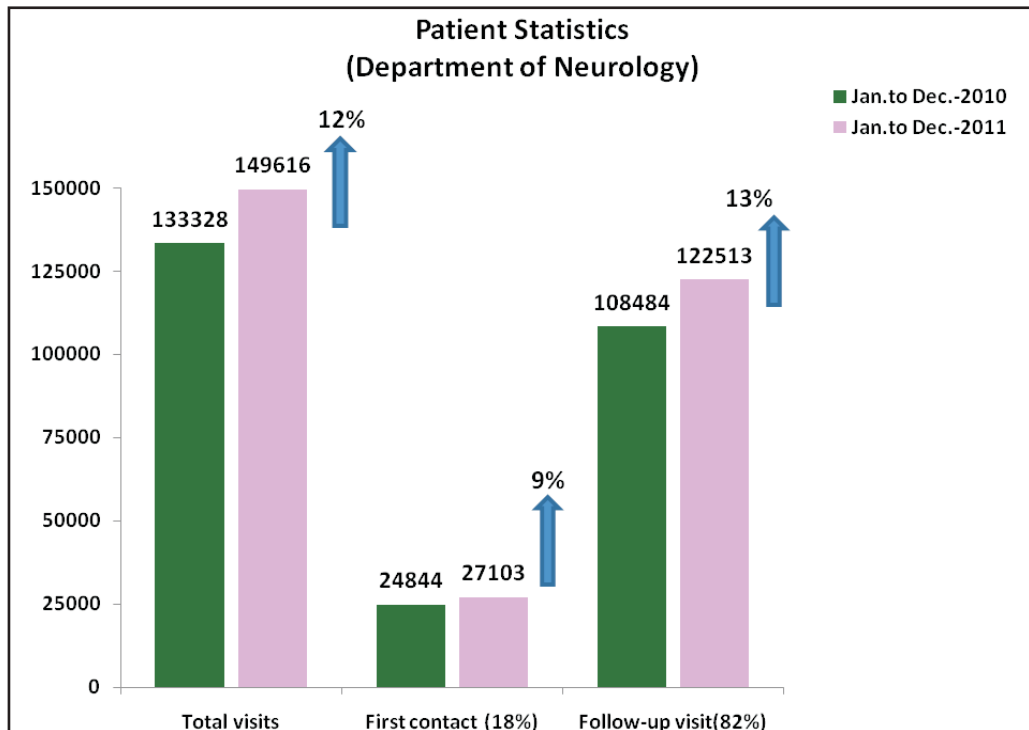
Laboratory Services

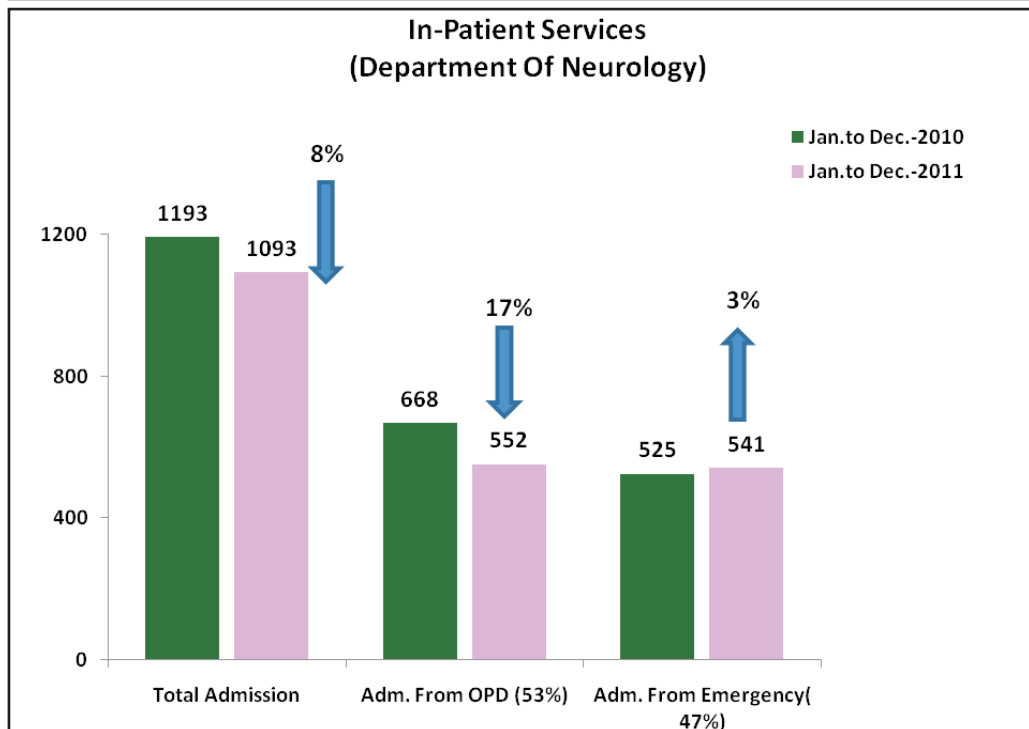
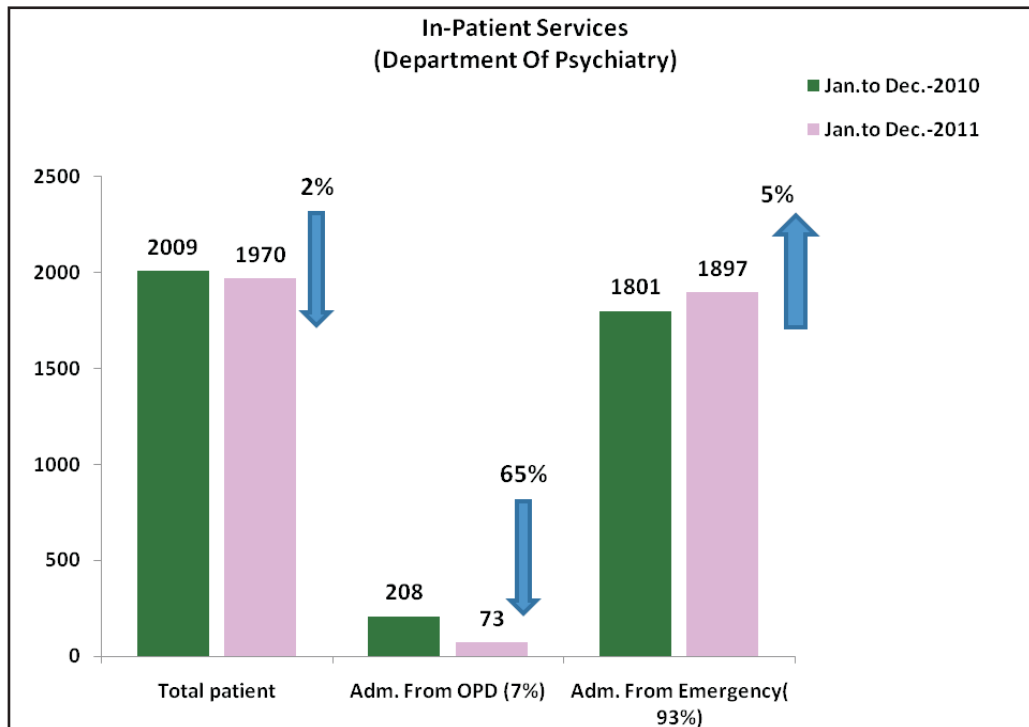
Laboratory Services	2010	2011	%(increase/decrease)
Pathology	19680	20491	↑ 4
Neurochemistry	24820	25346	↑ 2
Microbiology	7839	5918	↑ 25
Neuropsychopharmacology	3844	5537	↑ 44

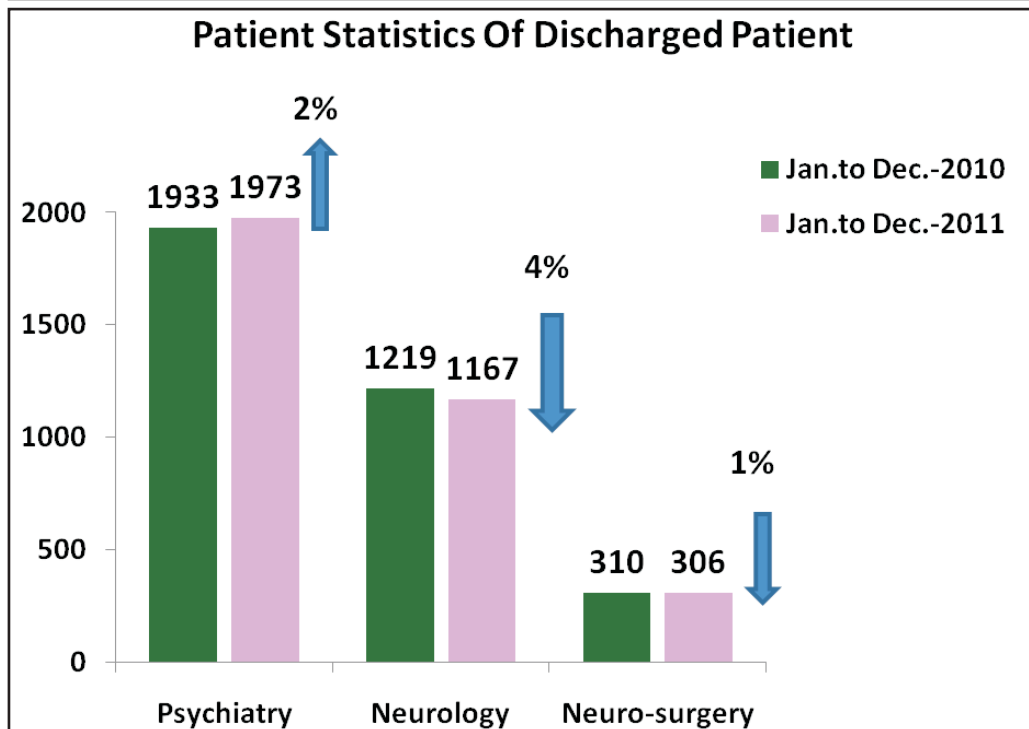
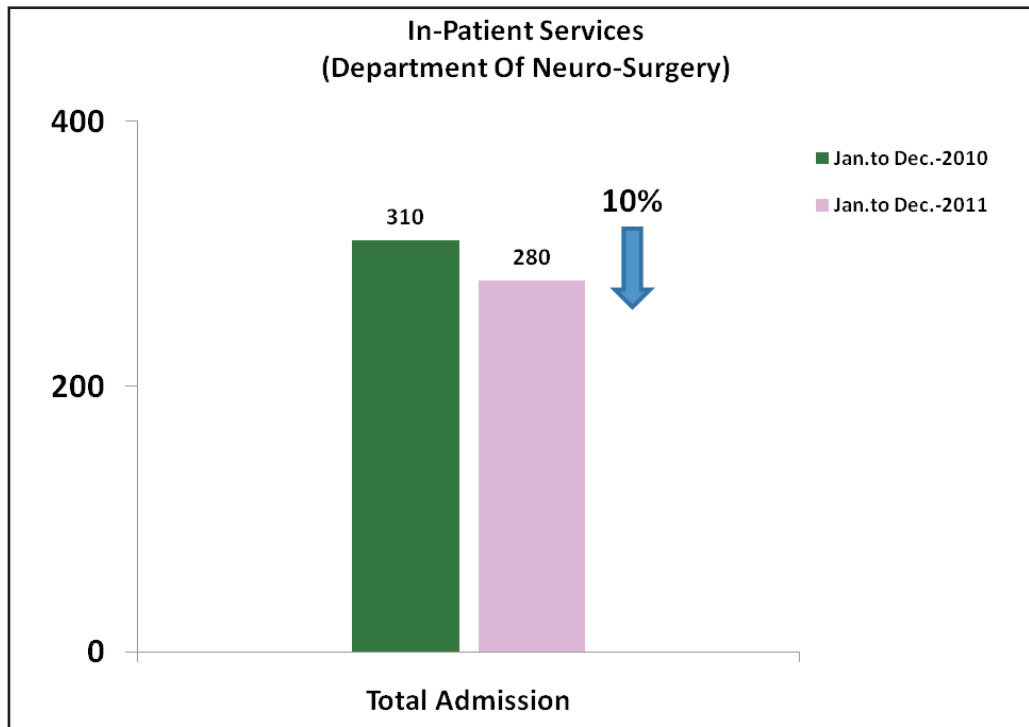
Radiology Services

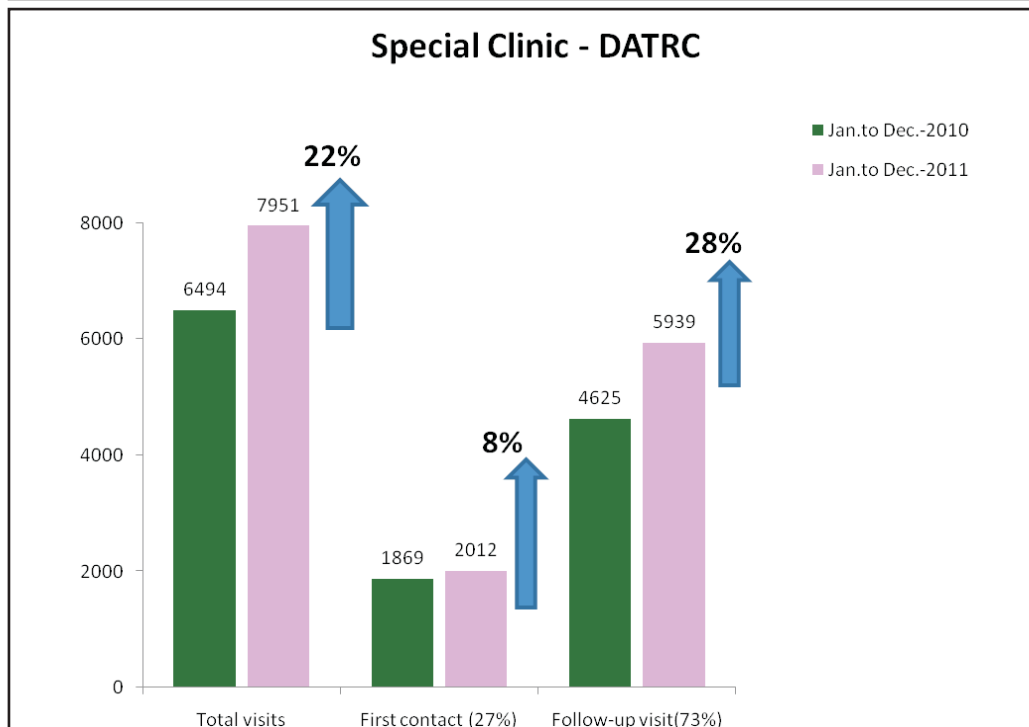
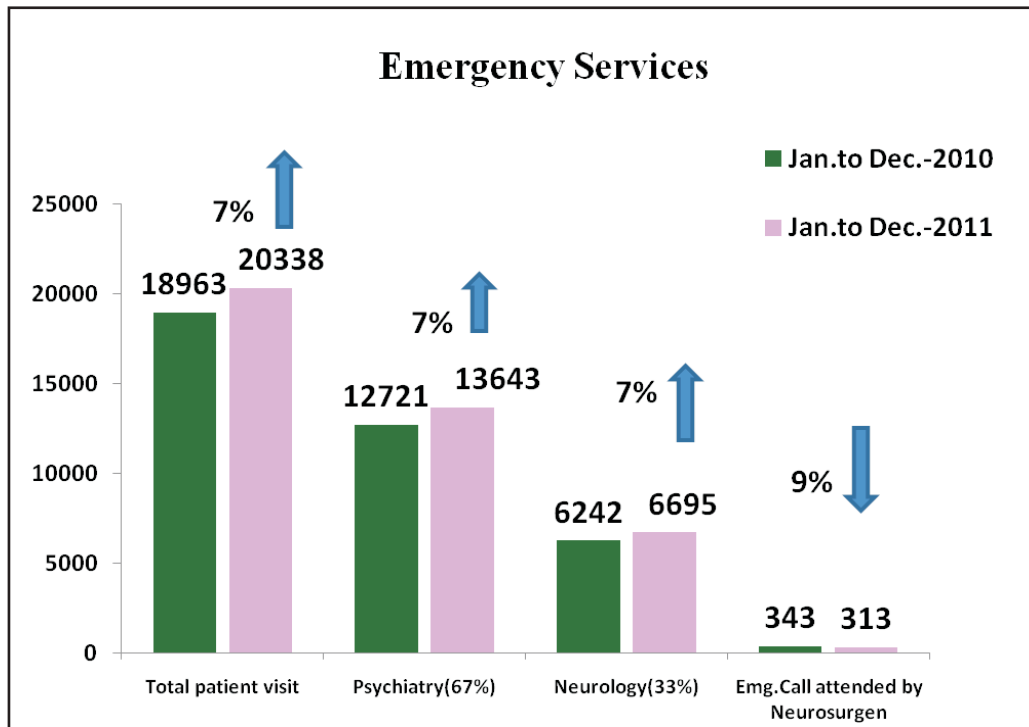
Radiology Services	2010	2011	%(increase/decrease)
X-Ray	6216	6510	↑ 5
Ultra Sound	2821	2826	↑ 0.17

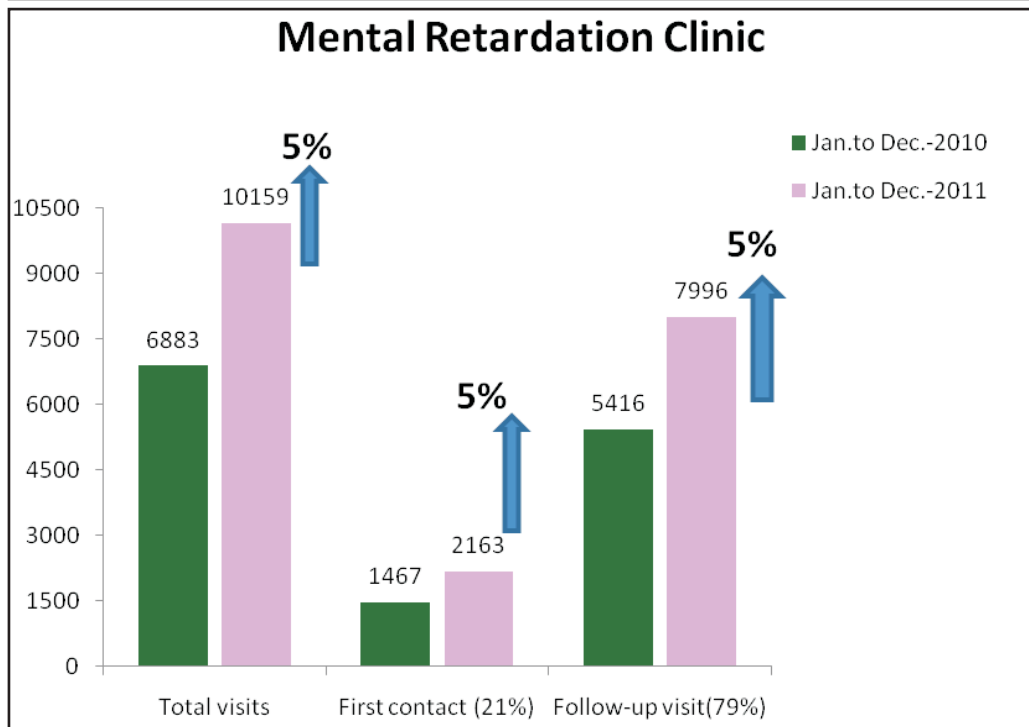
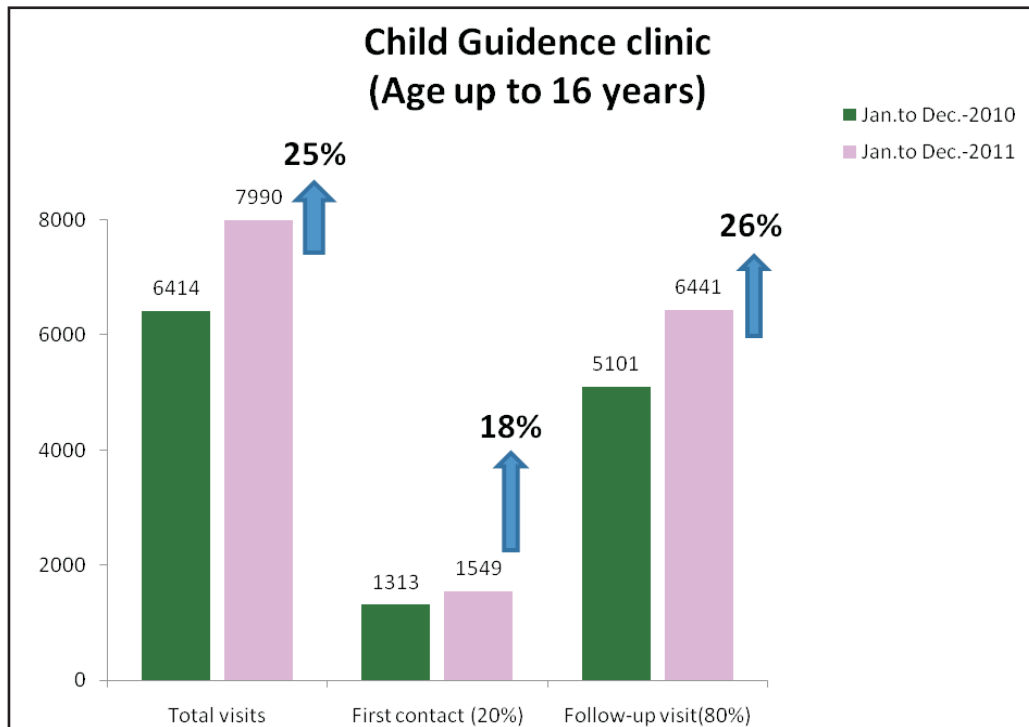


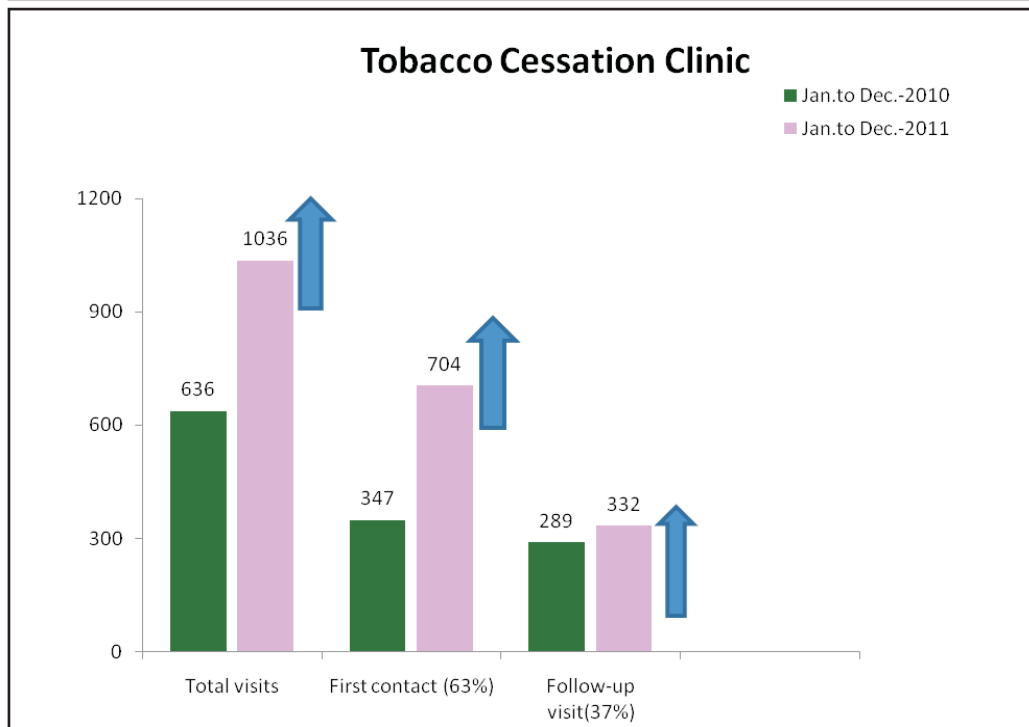
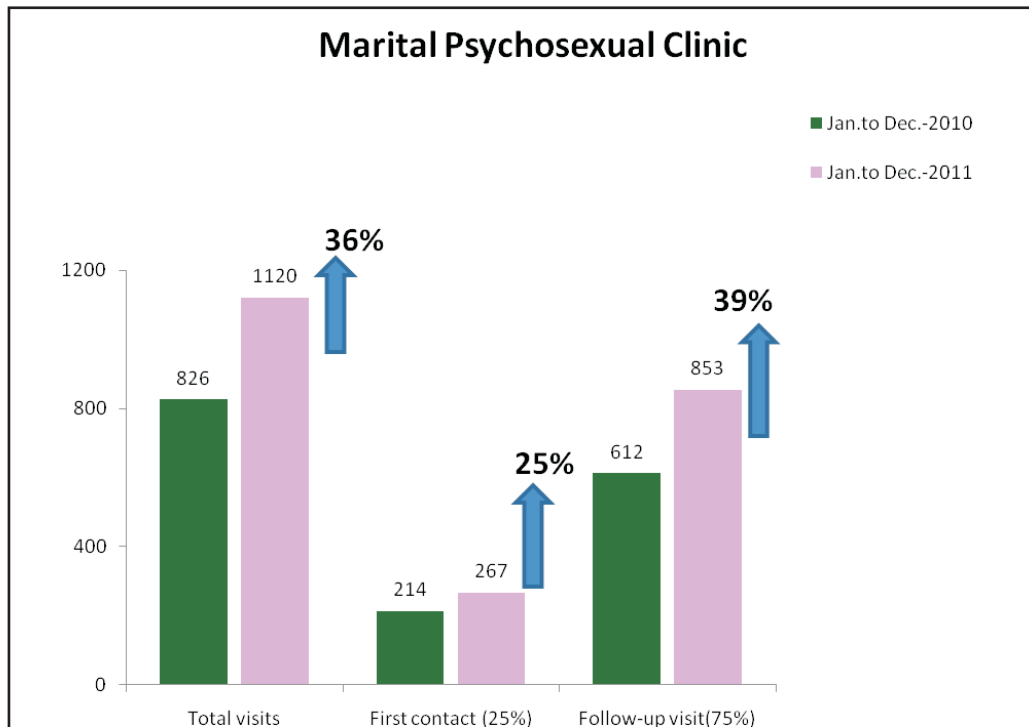


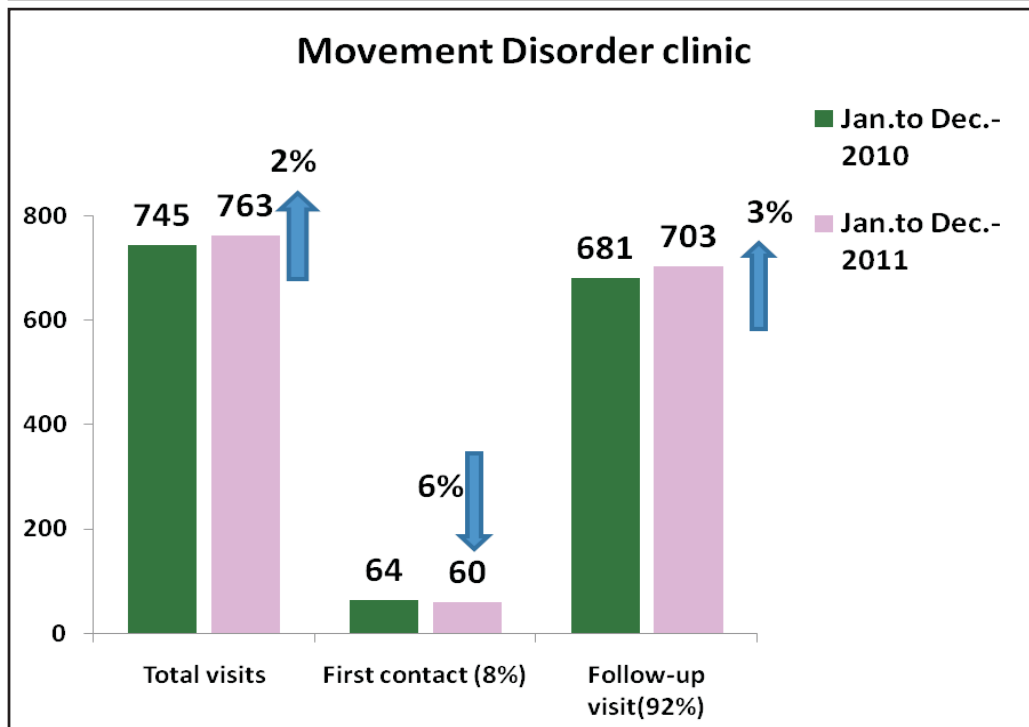
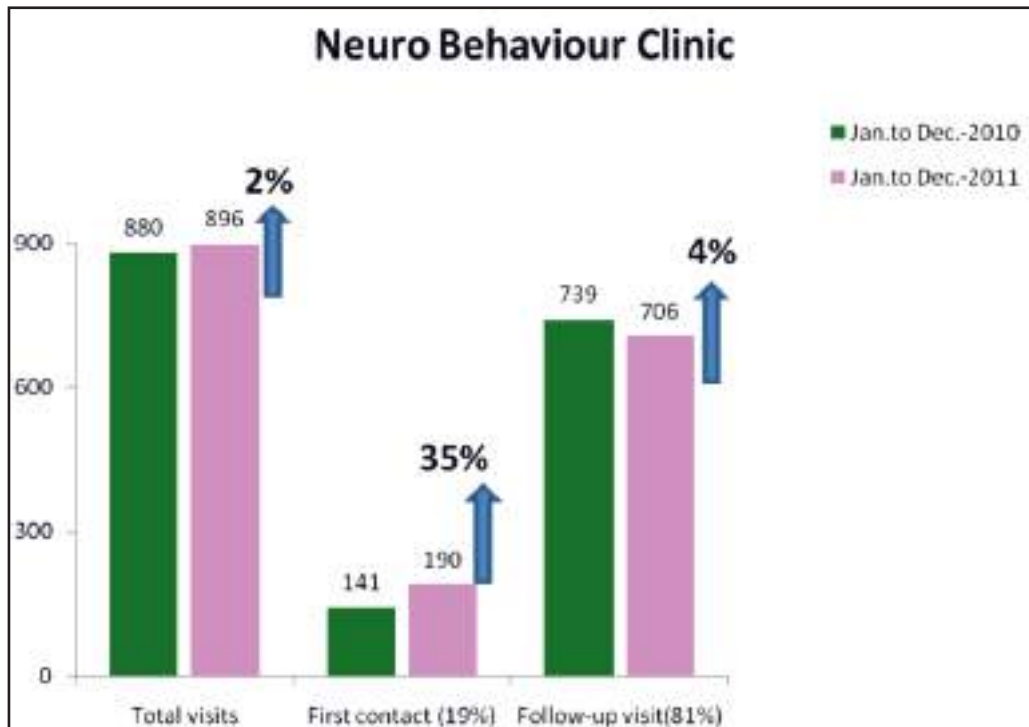


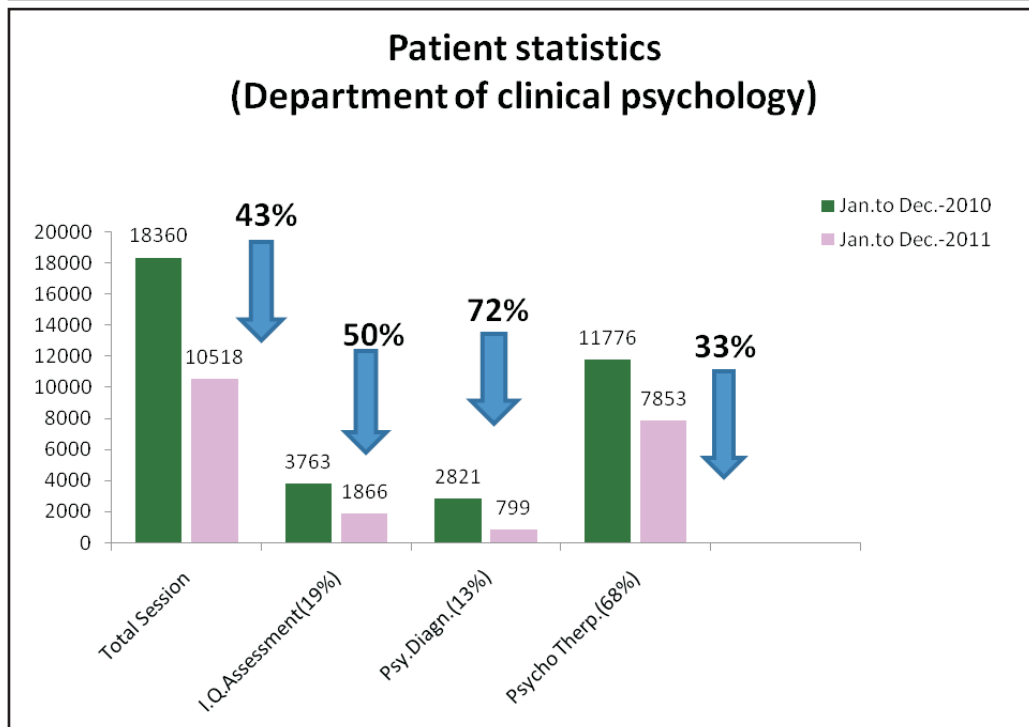
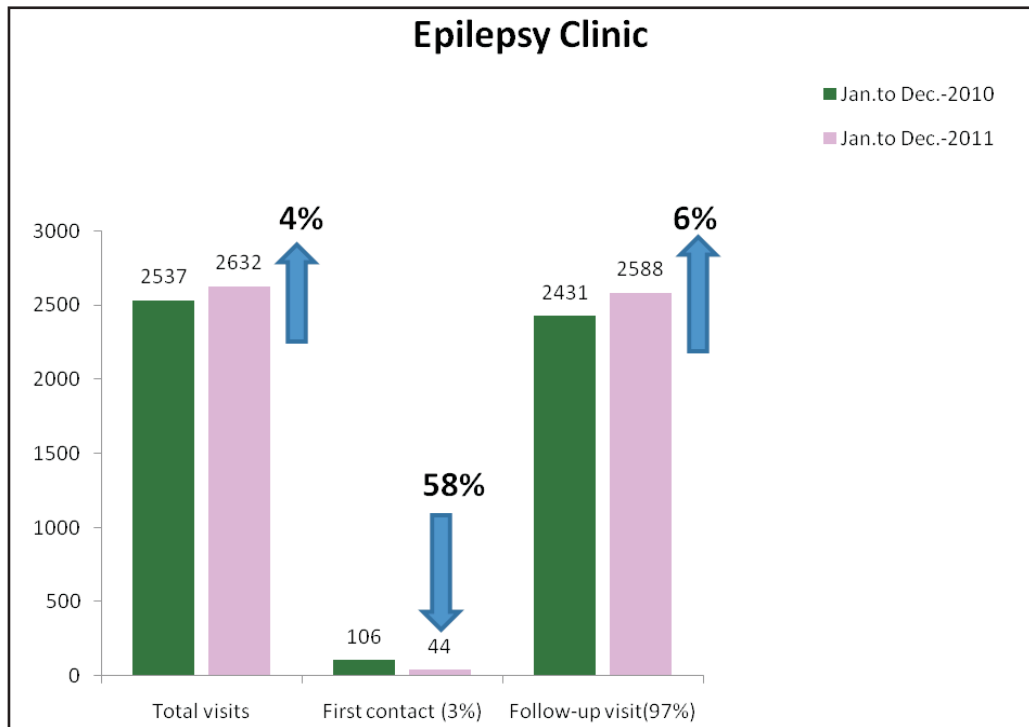


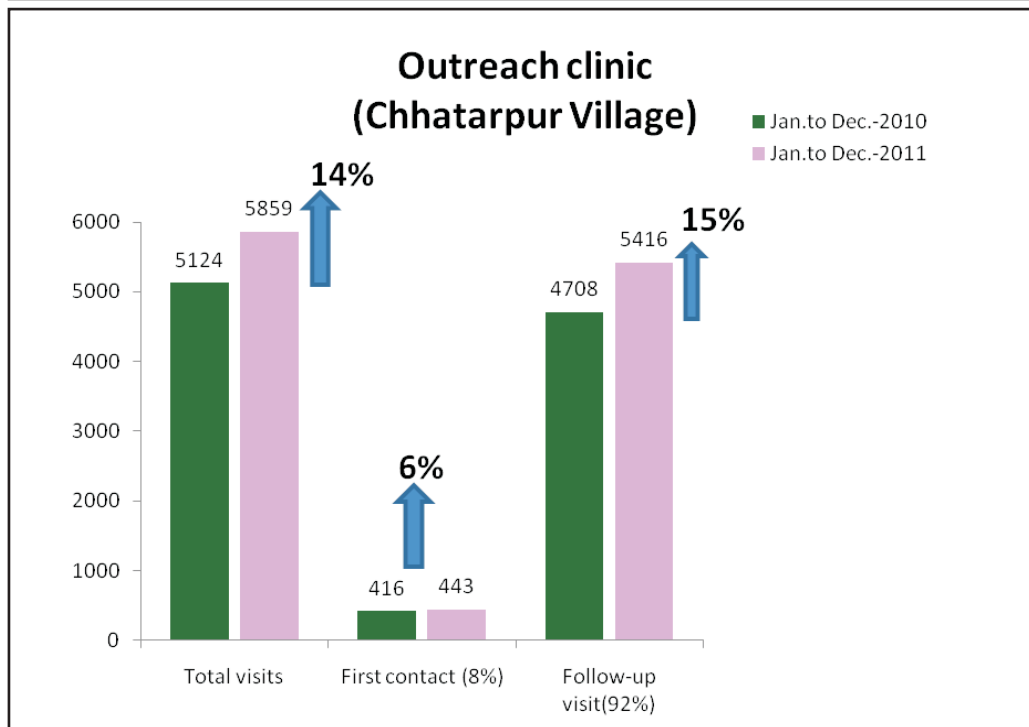
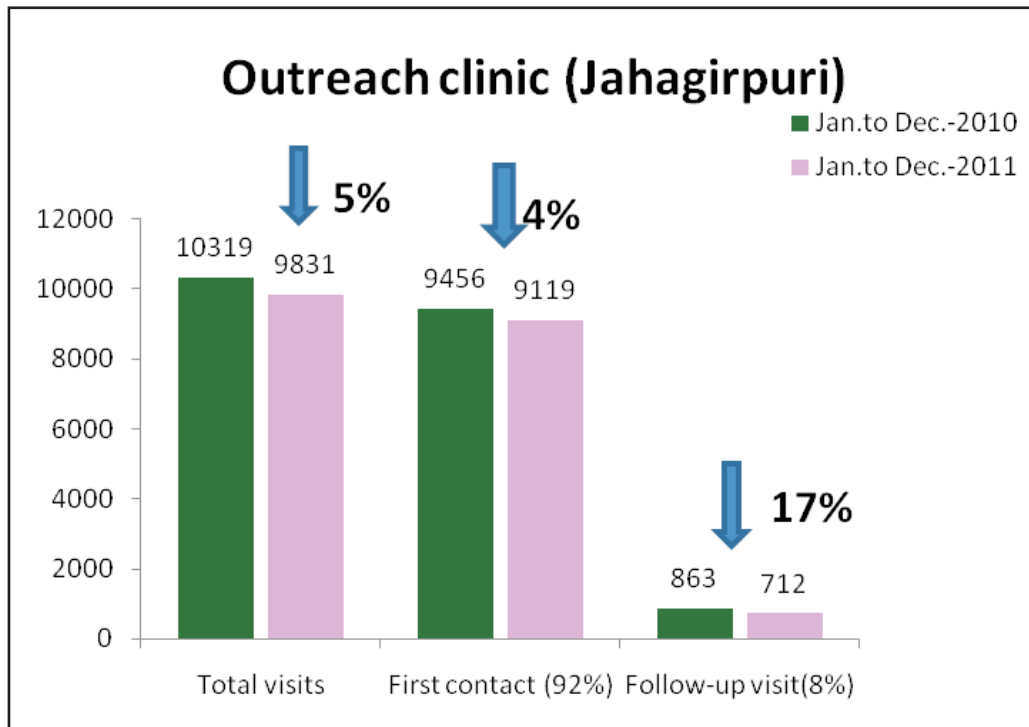


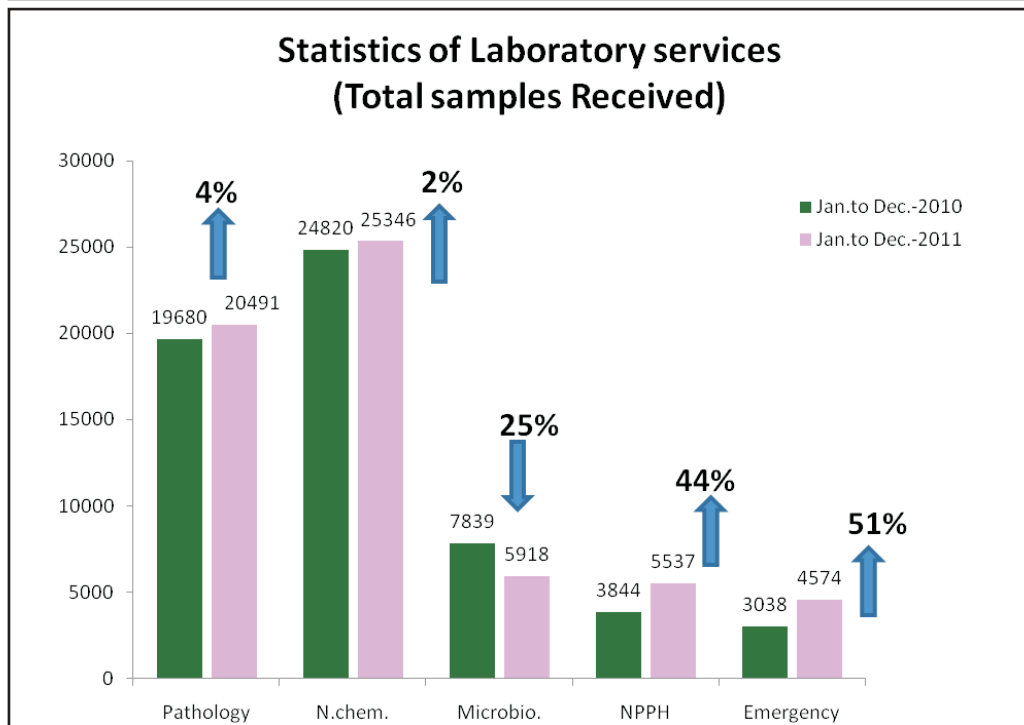
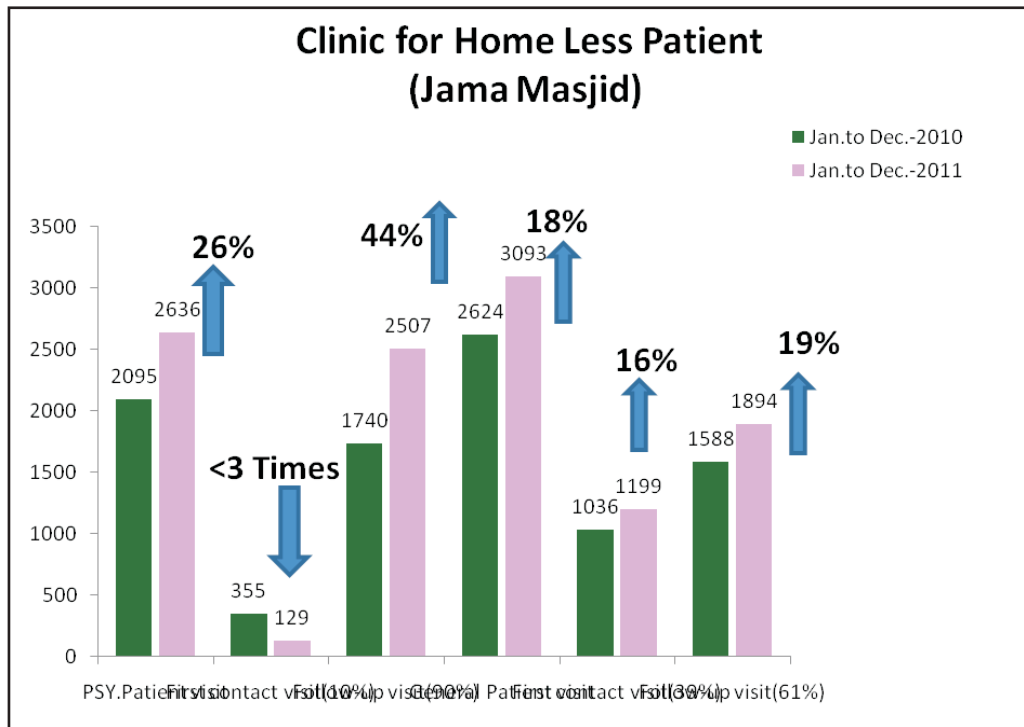


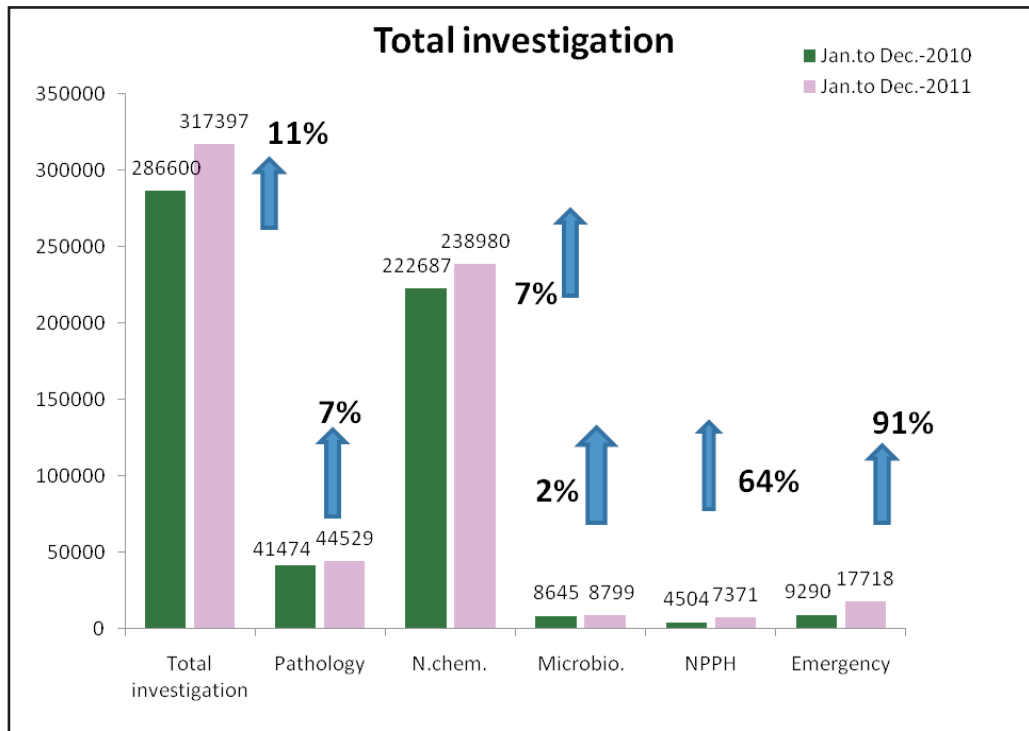












Library and Information Centre

Library and Information Centre of IHBAS has started to function with the joining of Library & Doc. Officer in Sept. 1995. The process has started to collect, preserve and disseminate information required for the progress of research work in the field of Psychiatry, Neurology, Clinical Psychology, Neuro-psycharmacology, Microbiology and other allied sciences. Library started with 15 scientific periodicals with W.H.O publications during the year 1995-96. Now, subscribed 124 print scientific periodicals and 17e-journals +6e-books series during the year 2012.

Earlier, Library & information centre was functioning in a hall in O.T block of the Institute. Now, it has been shifted to the new centrally AC building in the Academic Block. It comprises two floors having separate computer Lab with 07 computers on WIFI LAN environment for internet, on-line access of databases to the users. A separate research area has been allocated in the library for researchers/faculty members. It is a most lively place in the institute providing a safe, comfortable and friendly environment that enables learning and advancement of knowledge to promote research activities.

AN OVERVIEW OF THE SCOPE OF SERVICES

The following Library services were made available during the year

- Internet/E-mail services
- Online access/e-resources
- Acquisition services
- Circulation services
- Reference services
- Documentation services (CAS& SDI)
- Inter Library Loan services
- Photocopy services

COLLECTION & MANAGEMENT

Library has developed an update collection of books, periodicals, annual reports in the field of mental health, neuro and allied sciences. To lay greater stress on latest information and research studies, importance was given more to scientific periodicals. Library subscribed 124 print & 23 (17e-journals +6e-books) scientific periodicals and procured 290 new documents on different

subjects. All the documents were technically processed and added in the library holdings for easy access to the users. Photocopies of available literatures were provided to the users on nominal charges as & when required.

RESOURCE SHARING

Library & Information Centre has been included in the member list of NMLERMED Consortia, sponsored by Govt. of India, to access approx. 2500 online journals for resource sharing and web-based access of information to over 156 full text journals. A list with publisher's user ID & password was made available to the faculty members, doctors and students for easy access of e-resources. Exchange programme were established with different national and international institutions such as National Brain Research Center (NBRC), National Institute on Drug Abuse (NIDA), Australia, World Health Organization (WHO), NIMHANS, Bangalore, National Medical Library, New Delhi, etc. to retrieve update information in related subject fields.

AUTOMATION SERVICES

Library and Information Centre has equipped with modern information technology and continued to serve & disseminate information to the users effectively by the use of INTERNET, E-mail and Online access of global databases. Current Awareness Services (CAS) was provided to the users by way of inputting in-house documentation services. SDI services were provided to the users through searching of current/ retrospective literature on given specific keywords/ literature from primary, secondary sources of data. Database "BOOK" of library holdings were updated and made available to the users. LibSys software for the automation of library activities has been installed and inputting data completed. Networking arrangement with NML, New Delhi has been made for resource sharing as well as retrieval of update health literature in the field of mental health, neuro and allied sciences. LAN with WI-FI facility has been installed to facilitate the users for global access of databases.

REFERENCE & CIRCULATION

Reference services were provided to various faculty members, doctors and other users as when required.. A circulation service has strengthened with inputting some more services. Approx. 20,104 numbers of users visited the library during the year 2011-2012 including Post graduate students and Ph.D scholars from various institutes, medical colleges and universities i.e. from UCMS & GTB Hospital, School of Social Sciences, School of Psychology, Univ. of

Delhi, Univ. of Jamia Millia Islamia, New Delhi, Kashi Vidyapeeth University, Varanasi, B.H.U. Varanasi and Guru Jambheshwar University, Hissar, M.J.P. Rohilkhand University, Bareilly (U. P.), were visited & consulted the library during the year.

BINDING WORK & PHOTOCOPY SERVICES

Back volumes of journals have been arranged alphabetically & chronologically and are being processed for binding. To enhance the facility to internal and external users of library photocopy services has contracted out to the private agency on nominal charges. 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 Broadband & Datacard has been provided to the faculty members & other users during the period.



PUBLICATIONS/PARTICIPATIONS

- Pandey, S.K. 2011. NMLERMED consortium: a strategic solution for resource sharing of health information in present scenario. MLAI Souvenir. 2011
- Dr. S.K. Pandey, Lib & Doc. Officer has nominated as an expert committee member by IVRI (ICAR), Izatnagar, Bariley, U.P. for appointment/promotion of library officer, held on 11.4.2011 at IVRI, Bariley, U.P.
- Dr. S.K. Pandey, Lib & Doc. Officer attended National Convention of Medical Library Association of India (MLAI-2011) and presented paper on "NMLERMED consortium: a strategic solution for resource sharing of health information in present scenario held at Dr. Rajendra Prasad Govt. Medical College, Kangra, Tanda (H.P.) on Dec.7-9, 2011.

Engineering Section

This section is headed by Superintending Engineer, who is also the Project Manager for the "Remodelling Project of IHBAS". The Engineering Section consists of two divisions- Civil and Electrical, each headed by Executive Engineer and supported by two Assistant Engineers and two Junior Engineers for each of the divisions.

Horticulture works are also taken care of by Civil Engineering Wing and supported by Assistant Director (Horticulture) and Section Officer (Horticulture).

Scope of Services

The Engineering Section of the Institute is working with complete setup to undertake day to day maintenance activities of Institute, all renovation works and other infrastructural works taken up time to time based on needs of the Hospital and Residential areas. The new construction works/projects are also handled by existing setup of Engineering Section. The Horticulture works include maintenance and development including Nursery.

GENERAL INFORMATION

Present Staff at IHBAS as on 31.3.2012

<i>Sl. No.</i>	<i>Name of Post</i>	<i>Sanctioned Post</i>	<i>Filled Up</i>	<i>Vacant</i>	<i>Remarks</i>
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	
6	Professor (Medical & Non-Medical)				
	i) Psychitary	3	1	2	
	ii) Neurology	1	0	1	
	iii) Clinical Psychology	1	1	0	
	iv) Psychology	1	1	0	
	v) Microbiology	1	1	0	
	vi) Neuro Psychopharmacology	1	1	0	
	vii) Neuro Chemistry	1	0	0	
	viii) Neuro Anesthesia	1	0	1	
	ix) Psychiatric Social Worker	1	0	1	
	x) Neuro Surgery	1	0	1	
	xi) Neuro - Radiology	1	0	1	
	xii) Human Behaviour Deptt.	1	0	1	
7	Addl. Professor (Medical & Non-Medical)				
	i) Psychitary	4	0	4	
	ii) Clinical Psychology	1	1	0	
	iii) Neurology	1	1	0	
	iv) Neuro Surgery	1	0	1	
	v) Neuro Anesthesia	1	0	1	
	vi) Psychiatric Social Work	1	0	1	
8	Associate Professor (Medical & Non-Medical)				
	i) Psychitary	8	5	3	
	ii) Neurology	3	1	2	
	iii) Neuro -Radiology	1	1	0	
	iv) Pathology	1	1	0	
	v) Medical Anthropology	1	0	1	
	vi) Neuro Chemistry	1	1	0	
	vii) Clinical Psychology	1	1	0	
	viii) Neuro Surgery	1	1	0	
	ix) Neuro Anesthesia	1	1	0	
	x) Neuro Psychopharmacology	1	0	1	
	xi) Psychiatric Nursing	1	0	1	
	xii) Microbiology	1	0	1	
9	Assistant Professor (Medical & Non-Medical)				
	i) Psychitary	1	2	13	
		5			
	ii) Neurology	6	3	3	
			(On Contract Basis)		
	iii) Clinical Psychology	3	1	2	
	iv) Psychiatric Social Work	2	1	1	Promoted as Associate Professor through APS
	v) Neuro Psychopharmacology	1	0	1	
	vi) Neuro -Radiology	2	0	2	

Sl. No.	Name of Post	Group	Group	Sanctioned	Filled up
	vii) Neuro Chemistry	1	1	0	Promoted as Associate Professor through APS
	viii) Microbiology	1	1	0	
	ix) Biostatistics	1	1	0	Promoted as Associate Professor through APS
	x) Epidemiology	1	1	0	Promoted as Associate Professor through APS
	xi) Pathology	1	1	0	
	xii) Medical Anthropology	1	1	0	
	xiii) Neuro Anesthesia	2	1	1	
	xiv) Neuro Anesthesia	2	2	0	
	xv) Psychiatric Nursing	1	0	1	
	xvi) Social Work	1	0	1	
	xvii) Psychology	1	0	1	
	xviii) Social & Cultural Anthropology	1	0	1	
	xix) Education	1	0	1	
10	Project Engineer (Superintending Engineer)	1	1	0	
11.	Administrative Officer	2	2	0	
12	Executive Engineer (Civil)	1	1	0	
			(On Deputation)		
13	Executive Engineer (Elec.)	1	0	1	
14	Clinical Psychologist	1	5	8	
		3			
15	Psychiatric Social Worker	1	8	5	
		3			
16	Librarian & DO	1	1	0	
17	Research Officer (Yoga)	1	0	1	
18	Post Doctoral Fellowship	2	0	2	
19	Research Associate	2	0	2	
20	Senior Resident	7	4	2	
21	Junior Resident	8	5	27	
		0	3		
22	Sr. Research Fellow	2	0	2	
23	Accounts Officer	2	2	0	
			(On Deputation)		
24	Programmer	1	1	0	
			(On Contract)		
25	Asst. Admn. Officer	3	2	1	
			(On Contract)		
26	Asst. Research Officer (Yoga)	1	0	1	
27	Senior Physiotherapist	1	1	0	
28	Asst. Engineer (Civil)	2	2	0	
			(On Deputation)		

Sl. No.	Name of Post	Group	Group	Sanctioned	Filled up
29	Asst. Engineer (Electrical)				
30	Asst. Director (Horticulture)	1	0	1	
31	Senior PA/PS	1	1	0	
32	Asst. Accounts Officer	2	2	0	
			(On Deputation)		
33	Asst. Librarian (Gr.- I)	1	0	1	
34	Dy. Nursing Supdt.	1	0	1	
35	Asst. Nursing Supdt./ANS	9	5	4	
36	Sister Tutor	1	0	1	
37	MSW	2	1	1	
		(On Contract)	(On Contract)		
38	PRO	1	0	1	
		(Out Source)			
39	Documentation Asst. (Lib. Gr. - II)	1	1	0	
40	Medical Record Officer	1	0	1	
41	Medical Record Supervisor	1	0	1	
42	Junior Engineer (Civil)	2	1	1	
			(On Contract)		
43	Junior Engineer (Elec.)	2	1	1	
			(On Contract)		
44	Sectional Officer (Horticulture)	1	1	0	
			(On Contract)		
45	Sr. Pharmacist	2	1	1	
46	Dietician	1	1	0	
47	Asstt. Dietician	1	1	0	
			(On Contract)		
48	Assistant	1	4	12	
			(02 On Deputation)		
49	Sr. Steno	4	3	1	
50	Asstt. Sister Tutor	1	0	1	
51	Nursing Sister	4	2	12	
		1	9		
52	Health Education Technical Officer	1	0	1	
53	Computer Asstt.	2	1	1	
54	Occupational Therapist	6	6	0	
			(2 Regular 4 Contract)		
55	Physiotherapist	2	2	0	
			(01 On Contract)		
56	Library Asst.(Gr.-III)	3	3	0	
			(On Contract)		
57	Staff Nurse	2	2	18	
		3	1		
		3		5	
58	Statistical Asstt.	1	1	0	
			(On Contract)		
59	Senior Technician	2	0	2	
60	CSSD Technician	1	0	1	
		(Out Source)			
61	Central Gas Pipe line Technician	1	1	0	
		(Out Source)	(On Contract)		
62	Research Asst. (Yoga)	1	0	1	
63	Speech Therapist	1	1	0	
			(On Contract)		
64	ICU Technician	5	5	0	
			(On Contract)		

Sl. up	Name of Post	Group	Group	Sanctioned	Filled
65	OT Technician	3	2 (On Contract)	1	
66	Jr. Physiotherapist	6	6 (On Contract)	0	
67	Jr. Medical Record Officer	1	0	1	
68	Medical Record Technician	2	2 (On Contract)	0	
69	Photographer	1	0	1	
70	Artist	1	1	0	
71	Pharmacist	8	8 (04 On Contract)	0	
72	UDC	0	0	0	
73	Medical Record Clerk In-Charge	1	0	1	
74	Psycho Clinic cum Lab Asstt.	2 (On Contract)	2 (On Contract)	0	
75	EEG Technician	2	2 (On Contract)	0	
76	Electro-Physiology Technician	2	2 (On Contract)	0	
77	X-ray Technician	2	2	0	
78	Lab Technician	9	8	1	
79	Data Entry Operator-cum-UPC	1	9 (05 On Contract)	1	
80	Data Entry Operator-'C'	1 1	7 (04 On Contract)	4	
81	Lab. Assistant	2	1 (17 On 9 Contract)	2	
82	Radiographer	3	3 (On Contract)	0	
85	LDC	3	0	3	
86	LDC/ MR Clerk	1	0	1	
87	Telephone Operator	4	0	4	
88	Projectionist	1	1	0	
89	Driver	8	8 (01 On Contract)	0	
90	Lab Attendant	1 Out Source	0 5	15	
91	Library Attendant	1 Out Source	0	1	
92	Occupational Therapy Attendant	4	4	0	
93	Cook	1 0	1 0	0	
94	Nursing Orderly	3 Out Source	0	3	
95	Class IV (D)	7 Out Source	0	7	
96	Hawaladar	1 Out Source	1	1	
97	Technical Asstt.	1 7 9 1	0 5 4 6	1 245	
				245	

Faculty of IHBAS

Director

Prof. Dr. 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)
- Dr. Uday Kumar Sinha (Clinical Psychology)

Associate Professors

- Dr. Neelam Chhillar (Neuro Chemistry)
- Dr. P.K. Upadhyay (Neurosurgery)
- Dr. Anshu Gupta (Pathology)
- Dr. Deepak Kumar (Psychiatry)
- Dr. Suman Seryam Kushwaha (Neurology)
- Dr. Rachna Agarwal (Neuro Chemistry)
- Dr. Om Prakash (Psychiatry)

- Dr. Rajesh Kumar (Psychiatry)
- Dr. Rima Kumari (Radiology)
- Dr. Vijender Singh (Psychiatry)
- Dr. Vibha Sharma (Clinical Psychology)
- Dr. Jahanara M Gajenderagad (Psychiatric Social Work)
- Dr. Sarbjeet Khurana (Epidemiology)
- Dr. Mukul Kumar Jain (Neuroanesthesiology)
- Dr. C.B. Tripathi (Bio-statistics)
- Dr. Ravinder Singh (Medical Anthropology)

Assistant Professors

- Dr. Vinod Kumar Singh Gautam (Neurosurgery)
- Dr. Deepak Kumar Jha (Neurosurgery)
- Dr. Arvind Arya (Neuroanesthesiology)
- Dr. Renu Goyal (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. Deepa Dash (Neurology)
- Dr. Siddharth Maheshwari (Neurology)

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. Pankay 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. Pankay Kumar, Asstt. Professor of Psychiatry, IHBAS, Delhi

Member Secretary

- Dr. Vijender Singh, Associate Professor of Psychiatry, IHBAS, Delhi

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

Member Secretary

- Dr. Neelam Chhillar, Associate Professor of Neuro-Chemistry, IHBAS

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

Member Secretary

- Dr. Uday K. Sinha, Additional Professor, Clinical Psychology, IHBAS

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
2011-2012

Ph. Off. : 23268008
Mobile : 9810511151

GUPTA NAVEEN ASSOCIATES

CHARTERED ACCOUNTANTS

1505, KUCHA SETH, DARIBA KALAN, DELHI-110 006

NAVEEN GUPTA
M.Com. F.C.A.

Ref. No.

Dated :

TO,
THE DIRECTOR,
INSTITUTE OF HUMAN BEHAVIOUR AND ALLIED SCIENCES
DELHI - 110 095.

AUDIT REPORT FOR THE YEAR 2011-2012

WE HAVE AUDITED THE ATTACHED BALANCE SHEET OF INSTITUTE OF HUMAN BEHAVIOUR & ALLIED SCIENCES AS ON 31ST MARCH 2012 ALONGWITH INCOME & EXPENDITURE ACCOUNT OF THE SOCIETY FOR THE YEAR ENDED ON THAT DATE ANNEXED THERETO, AND REPORT THAT :-

1. WE HAVE OBTAINED ALL THE INFORMATION AND EXPLANATIONS WHICH TO THE BEST OF OUR KNOWLEDGE AND BELIEF WERE NECESSARY FOR THE PURPOSE OF OUR AUDIT.
2. THE BALANCE SHEET AND OTHER ANNEXED STATEMENTS FORMING PART OF THE BALANCE SHEET ARE IN AGREEMENT WITH THE BOOKS OF ACCOUNT MAINTAINED.
3. IN OUR OPINION, AND TO THE BEST OF OUR INFORMATION AND ACCORDING TO THE EXPLANATIONS GIVEN TO US, THE SAID ACCOUNTS, SO REQUIRED GIVE A TRUE & FAIR WITH SUBJECT TO OUR OBSERVATIONS AS PER ANNEXURE ATTACHED GIVE A TRUE AND FAIR VIEW.
 - (a) IN CASE OF BALANCE SHEET, OF THE STATE OF AFFAIRS OF THE INSTITUTE FOR THE YEAR ENDED ON 31ST MARCH 2012.
 - (b) IN THE CASE OF INCOME & EXPENDITURE A/C OF THE SURPLUS OF THE INSTITUTE FOR THE YEAR ENDED ON THAT DATE.

FOR GUPTA NAVEEN ASSOCIATES
CHARTERED ACCOUNTANTS

PLACE : DELHI
DATE : 11.10.2011

Sd/-
CA NAVEEN GUPTA
F.C.A.

INSTITUTE OF HUMAN BEHAVIOUR AND ALLIED SCIENCES

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

INCOME & EXPENDITURE ACCOUNT FOR THE PERIOD ENDING ON 31ST MARCH, 2012.

PREVIOUS YEAR	EXPENDITURE	CURRENT YEAR	PREVIOUS YEAR	INCOME	CURRENT YEAR
	ADMINISTRATIVE SERVICES				
959,96,413.00	& OFFICE EXP. {ANNEX-1}	1558,84,552.26		GRANT IN AID FROM	
2341,14,593.00	SALARY & OTHER BENEFITS	252,365,089.00		GOVT OF DELHI	6500,00,000.00
	TO EMPLOYEES {ANNEX-2}			INTT. INCOME {ANNEX-4}	185,24,044.00
51,51,632.45	DIETARY ITEMS	73,07,734.43		MISC INCOME {ANNEX-5}	94,85,301.00
174,25,982.77	GENERAL STORE	270,30,774.48		RENTAL INCOME {ANNEX-6}	15,93,046.00
147,56,362.14	MEDICINES & DRUGS	295,97,679.00			
18,00,561.00	TRAVELLING & CONV. EXP.	12,96,943.00			
16,05,614.00	MAINTENANCE OF EQUIPMENT	31,66,180.00			
10,99,091.00	PUBLICATION & PERIODICALS	51,98,710.00			
6,82,380.00	DIESEL & PETROL	16,17,049.00			
30,39,158.00	PAITENT WELFAIRE EXP.	42,84,379.00			
15,00,000.00	PROJECT EXP.	323,60,000.00			
3,85,600.00	NABH EXPENSES	4,99,019.00			
5,63,500.00	LEGAL & PROFESSIONAL FEES	7,43,100.00			
320,07,163.00	MAINT. OF EXIST. BUILD{ANNEX-3}	458,99,690.00			
1,27,491.00	REPAIRS OF MOTOR VEHICLE	2,32,843.00			
86,18,536.00	RENT & TAXES	40,46,308.00			
NIL	C.P.F. INTEREST (NOTE-03)	127,65,552.15			
NIL	C.P.F. INTEREST (NOTE-05)	20,34,545.00			
231,52,422.00	EQUIPMENT	214,84,772.00			
1,11,608.00	FURNITURE	8,40,414.00			
15,400.00	FREEZ	NIL			
75,08,194.00	L.C. FDR	7,50,517.00			
NIL	VEHICLE	6,30,993.00			
NIL	OFFICE EQUIPMENT	9,24,738.00			
NIL	COMPUTER	1,53,452.00			
NIL	FITTING & FIXTURE	1,34,831.00			
12,82,40,512.24	NET INCOME OVER EXPENDITURE	6,83,52,526.68			
57,79,02,213.60		67,96,02,391.00			

AS PER OUR AUDIT REPORT
OF EVEN DATE ATTACHED.
GUPTA NAVEEN ASSOCIATES
CHARTERED ACCOUNTANTS

57,79,02,213.60

PLACE : DELHI
DATE : 11.10.2011

Sd/- DIRECTOR Sd/- D.D.O Sd/- SR. ACCOUNTS OFFICER Sd/- CA NAVEEN GUPTA F.C.A.

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

BALANCE SHEET AS ON 31ST MARCH, 2012.

PREVIOUS YEAR	LAIBILITIES	AMOUNT	PREVIOUS YEAR	ASSETS	AMOUNT
94,17,42,455.80	CAPITAL FUND	96,51,48,884.60	94,17,42,455.80	FIXED ASSETS {ANNEX-7}	96,51,48,884.60
22,68,88,223.81	RESERVES & SURPLUS {ANNEX-10}	29,52,40,750.49	3,03,64,766.32	CURRENT ASSETS {ANNEX-8}	2,9482,383.41
5,65,52,049.94	DEFERRED CREDIT & BORROWING-PROJECT {ANNEX-11}	5,45,59,582.94	36,66,79,760.13	CASH & BANK A/C {ANNEX-9}	47,47,23,890.63
11,36,04,252.70	CURRENT LIABILITIES & PROVISIONS {ANNEX-12}	15,44,05,940.61			
133,87,86,982.25		146,93,55,158.64	133,87,86,982.25		146,93,55,158.64

PLACE : DELHI
DATE : 11.10.2011

AS PER OUR AUDIT REPORT
OF EVEN DATE ATTACHED.
GUPTA NAVEEN ASSOCIATES
CHARTERED ACCOUNTANTS

Sd/-
DIRECTOR

Sd/-
D.D.O

Sd/-
SR. ACCOUNTS OFFICER

Sd/-
CA NAVEEN GUPTA
F.C.A.

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

RECEIPTS & PAYMENTS ACCOUNT FOR THE YEAR ENDING ON 31ST MARCH, 2011.

RECEIPTS	AMOUNT	PAYMENTS	AMOUNT
TO OPENING BALANCE		TELEPHONE EXP.	22,61,217.00
CASH & BANK BALANCE	36,66,79,760.13	POSTAGE & COURIER EXP.	63,694.00
{ANNEXURE-9}			
GRAND IN AID RECD.	65,00,00,000.00	OFFICE EXPENSES	20,96,856.00
S/B INTEREST	46,65,896.00	NETWORK & CABLE	5,23,840.00
F.D.R. INTEREST RECD.	1,49,01,315.00	TUTION FEES	19,94,259.00
MEDICAL SCHEME	7,20,855.00	HOUSE KEEPING	8,31,74,107.00
PATIENT REALISATION INC.	66,40,088.00	SECURITY SERVICES	1,78,13,284.00
LICENCE FEES	5,49,859.00	ELECTRICITY EXP.	2,57,13,577.00
MISC INCOME	1,00,129.00	BANK COMM. & CHARGES	89,046.00
COLLECTION CHARGE ON LWC	4,250.00	MEETING & CONFERENCE	24,21,784.00
ELECT. CHARGE RECEIPT	8,28,540.00	PRINTING & STATIONARY	51,43,848.00
LOSS OF I-CARD	90.00	MOBILE HANDSET	1,57,671.00
RECRUITMENT FEES	1,67,250.00	SALARY TO STAFF	25,23,65,089.00
RTI FEES	1,470.00	WATER CHARGES	97,94,936.00
SALE OF O.T. ITEMS	70,955.00	CUTT. SHAVING & WASHING	9,67,765.00
SALE OF TENDER FORMS	1,08,900.00	NEWSPAPER & MAGAZINES	39,849.00
TUTION FEES AND TRG FEES	3,41,024.00	HOTICULTURE	35,925.00
DONATION BOX INCOME	13,040.00	ADVERTISEMENT	35,67,349.00
INSTITUTIONAL RECEIPTS	4,27,670.00	AUDIT FEES	19,082.00
INTERNSHIP INCOME	65,135.00	MAINTT OF COMPUTERS	17,84,246.00
TUTION FEES {M. PHIL}	38,500.00	CIVIL MAINTAINENCE	2,43,65,913.00
WATER CHARGE RECEIPT	128,401.00	ELECTRIC MAINTT.	2,15,33,777.00
CANTEEN RENT	5,76,837.00	DIETARY ITEMS	72,76,900.00
DHARAMSHALA RENT	5,100.00	GENERAL STORE	2,21,80,634.00
GUEST HOUSE RENT	1,20,400.00	MEDICINES & DRUGS	2,30,35,274.00
PHOTOSHOP RENT	5,600.00	TRAVELLING & CONV. EXP	12,96,943.00
HOSTEL RENT	2,61,385.00	MAINT. OF EQUIPMENT	31,66,180.00
FOCUS RENT	6,23,724.00	PUBLICAT. & PERIODICALS	51,98,710.00
INCREASE IN C. LIAB.	1,45,02,322.50	DIESEL & PETROL	16,17,049.00
PROJECT LOAN RECD	6,24,675.00	PAITENT WELFARE EXP.	42,84,379.00
INTT ON S/B A/C CPF	3,31,857.00	PROJECT EXP.	3,23,60,000.00
DHARAMSHALA RENT	5,100.00	INDIAN OIL SECURITY	4,500.00
GUEST HOUSE RENT	1,20,400.00	NABH EXPENSES	4,99,019.00
PHOTOSHOP RENT	5,600.00	DECREASES IN PROJECT A/C	19,92,467.00
HOSTEL RENT	2,61,385.00	LEGAL & PROFESS. FEES	7,43,100.00
FOCUS RENT	6,23,724.00	REPAIRS OF MOTOR VEHICLE	2,32,843.00
INCREASE IN C. LIAB.	1,45,02,322.50	RENT & TAXES	40,46,308.00
PROJECT LOAN RECD	6,24,675.00	CAPITAL EXPENDITURE	2,49,19,717.00
INTT ON S/B A/C CPF	3,31,857.00	CLOSING BALANCE	
	3,31,857.00	CASH & BANK BALANCE	47,47,23,890.63
	106,35,05,027.63		106,35,05,027.63

PLACE : DELHI
DATE : 11.10.2011

AS PER OUR AUDIT REPORT
OF EVEN DATE ATTACHED.
GUPTA NAVEEN ASSOCIATES
CHARTERED ACCOUNTANTS

Sd/-
DIRECTOR

Sd/-
D.D.O

Sd/-
SR. ACCOUNTS OFFICER

Sd/-
CA NAVEEN GUPTA
F.C.A.

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

EXPENDITURE SCHEDULE	AS ON	AS ON
PARTICULARS	31-03-2012	31-03-2011
ADMN. SERVICE & OFFICE EXPENSES		ANNEXURE-1
TELEPHONE EXP.	22,61,217.00	20,18,735.00
POSTAGE & COURIER EXP.	63,694.00	79,312.00
OFFICE EXPENSES	20,96,856.00	29,97,143.00
NETWORK & CABLE	5,23,840.00	2,70,633.00
TUTION FEES	19,94,259.00	8,53,129.00
HOUSE KEEPING	831,74,107.00	506,37,239.00
SECURITY SERVICES	178,13,284.00	107,21,620.00
ELECTRICITY EXP	257,13,577.00	177,90,200.00
BANK COMMISSION & CHARGES	89,046.00	52,713.00
MEETING & CONFERENCE	24,21,784.00	9,18,574.00
PRINTING & STATIONARY	33,66,065.26	7,58,205.00
MOBILE HANDSET	1,57,671.00	1,04,100.00
HONOUARIUM TO VISITORS	NIL	76,890.00
WATER CHARGES	97,94,936.00	59,58,604.00
CUTTING SHAVING & WASHING	9,67,765.00	7,94,869.00
NEWSPAPER & MAGAZINES	39,849.00	1,03,749.00
HORTICULTURE	35,925.00	2,64,822.00
ADVERTISEMENT	35,67,349.00	15,95,876.00
AUDIT FEES	19,082.00	NIL
MAINT. OF COMPUTERS	17,84,246.00	NIL
TOTAL	15,58,84,552.26	9,59,96,413.00
SALARY & OTHER BENEFITS TO EMPLOYEES		ANNEXURE-2
SALARY	2390,71,569.00	2118,35,483.00
LSPC	10,65,457.00	10,89,039.00
LEAVE TRAVEL CONCESSION	17,19,566.00	8,94,165.00
CPF (EMPLOYER SHARE)	56,51,452.00	181,81,675.00
MEDICAL REIMBRSEMENT	15,26,546.00	13,72,629.00
HONARARIUM TO STAFF	NIL	20,203.00
LEARNING RESOURCES ALLOWANCE	4,46,595.00	5,42,165.00
LEAVE ENCASHMENT	8,65,700.00	1,15,585.00
STIPEND TO STUDENTS	13,55,352.00	22,600.00
TRAVELLING ALLOWANCE	2,06,636.00	41,049.00
BOOK ALLOWANCE	34,500.00	NIL
GRATUITY	4,03,716.00	NIL
TOTAL	2523,65,089.00	2341,14,593.00
MAINTAINENCE OF EXTISTING BUILDING		ANNEXURE-3
CIVIL MAINTAINENCE	243,65,913.00	120,94,728.00
ELECTRIC MAINTAINENCE	215,33,777.00	199,12,435.00
TOTAL	458,99,690.00	320,07,163.00

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

INCOME SCHEDULE	AS ON	AS ON
PARTICULARS	31-03-2012	31-03-2011
INTEREST INCOME		ANNEXURE-4
INTEREST ON CONFERENCE FUND	7,486.00	6,619.00
INTEREST ON CPF BANK A/C	NIL	1,30,517.00
INTEREST ON FCRA A/C	62.00	55.00
INTEREST ON IHBAS A/C	13,74,553.00	23,99,556.00
INTEREST ON PROJECT A/C	1,58,238.00	77,460.00
INTEREST ON PROJECT TDR	28,60,755.00	4,84,008.00
INTEREST ON CPF TDR	NIL	66,61,411.87
INTEREST ON GRANT TDR	109,97,393.00	13,54,647.00
INTEREST ON L/C TDR	1,25,557.00	99,267.00
INTEREST ON AUTO TDR	NIL	4,59,521.00
TOTAL	185,24,044.00	116,73,061.87
MISC. RECEIPTS		ANNEXURE-5
MEDICAL SCHEME (SEE NOTE)	NIL	9,32,669.00
PATIENT REALISATION CHARGES	66,40,088.00	69,63,823.00
LICENCE FEES	5,49,859.00	14,80,508.00
MISC INCOME	1,00,129.00	17,79,190.73
COLLECTION CHARGE ON LWC	4,250.00	2,587.00
ELECTRICITY CHARGE RECEIPT	8,28,540.00	14,84,460.00
LOSS OF I-CARD	90.00	75.00
RECRUITMENT FEES	1,67,250.00	1,85,125.00
RTI FEES	1,470.00	618.00
SALE OF O.T. ITEMS	70,955.00	25,480.00
SALE OF TENDER FORM	1,08,900.00	1,10,100.00
TUTION FEES AND TRG FEES	3,41,024.00	13,86,064.00
DONATION BOX INCOME	13,040.00	1,318.00
INSTITUTIONAL RECEIPTS	4,27,670.00	1,90,218.00
INTERNSHIP INCOME	65,135.00	1,43,500.00
PENALTY FROM PARTIES	NIL	10,150.00
TUTION FEES {M. PHIL}	38,500.00	3,52,935.00
WATER CHARGE RECEIPT	1,28,401.00	1,86,550.00
TOTAL	94,85,301.00	152,35,370.73
RENTAL INCOME		ANNEXURE-6
CANTEEN RENT	5,76,837.00	3,49,055.00
DHARAMSHALA RENT	5,100.00	15,625.00
GUEST HOUSE RENT	1,20,400.00	1,35,400.00
PHOTOSTATE RENT	5,600.00	12,800.00
HOSTEL RENT	2,61,385.00	4,80,911.00
FOCUS RENT	6,23,724.00	NIL
TOTAL	15,93,046.00	9,93,781.00

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

SCHEDULE OF FIXED ASSETS AS ON 31ST MARCH 2012.					ANNEXURE-7
S. NO.	PARTICULARS	TOTAL COST AS ON 01/04/2011	ADDITION DURING THE YEAR	SOLD DURING THE YEAR	TOTAL COST AS ON 31/03/2011
01.	LAND	1.00	NIL	NIL	1.00
02.	BUILDING	6,85,53,584.00	NIL	NIL	6,85,53,584.00
03.	FITTING & FIXTURE	23,52,650.00	1,34,831.00	NIL	24,87,481.00
04.	ASSETS FROM HMD	3,92,761.00	NIL	NIL	3,92,761.00
05.	NON CONSUMABLE	47,36,884.00	NIL	NIL	47,36,884.00
06.	COMPUTER	1,17,41,257.00	1,53,452.00	NIL	1,18,94,709.00
07.	OFFICE EQUIPMENT	26,76,990.00	9,24,738.00	NIL	36,01,728.00
08.	MEDICAL EQUIPMENT	17,16,92,534.80	2,14,84,772.00	5,356,357.00	18,78,20,949.80
09.	FURNITURE & FIXTURE	1,01,28,158.00	8,40,414.00	NIL	1,09,68,572.00
10.	VEHICLES	26,30,916.00	6,30,993.00	313,126.20	29,48,782.80
11.	PLANT & MACHINERY	83,70,364.00	NIL	NIL	83,70,364.00
12.	BUILDING {NEW CONSTR}	13,02,753.00	NIL	NIL	13,02,753.00
13.	T.V. & AUDIO VISUAL	4,27,770.00	NIL	NIL	4,27,770.00
14.	LIBRARY BOOKS	1,21,265.00	NIL	NIL	1,21,265.00
15.	DMPH VEHICLE	2,11,016.00	NIL	NIL	2,11,016.00
16.	BUILDING {UNDER CONSTRUCTION}	58,46,95,743.00	NIL	NIL	58,46,95,743.00
17.	RENOVATION OF HMD BUILDING	6,41,84,215.00	NIL	NIL	6,41,84,215.00
18.	L.C. FDR {FOR CI MACHINE} OLD L.C. FDR (NOTE 12)	75,08,194.00	7,50,517.00	12,00,162.00	1,24,14,906.00
19.	FREEZ	15,400.00	15,400.00	NIL	15,400.00
TOTAL		94,17,42,455.80	302,76,074.00	6,869,645.20	9651,48,884.00

INSTITUTE OF HUMAN BEHAVIOUR AND ALLIED SCIENCES
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PARTICULARS	AS ON 31-03-2012	AS ON 31-03-2011
CURRENT ASSETS, LOAN & ADVANCES		ANNEXURE-8
ADVANCE / DEPOSIT WITH PWD,		
{GOVT. OF DELHI} FOR REPAIR	2,39,704.00	2,39,704.00
INTEREST ACCURED ON F.D.R.	157,84,337.60	64,12,026.34
PROJECT LOAN	33,12,038.00	39,36,713.00
INDIAN OIL SECURITY	4,500.00	NIL
INCOMETAX RECIVABLE FROM STAFF	31,078.00	
CLOSING STOCK		
GENERAL STORE ITEMS	43,97,208.20	92,47,348.68
MEDICINE & DRUGS	38,31,141.00	103,93,546.00
DIETARY ITEMS	1,04,593.87	1,35,428.30
STATIONERY ITEMS	17,77,782.74	NIL
TOTAL	294,82,383.41	303,64,766.32
CASH AND BANK BALANCE		ANNEXURE-9
CASH IN HAND	73,753.00	26,672.00
FCRA A/C WITH S.B.I.	1,663.96	1,601.96
S/B A/C WITH SBI	429,62,942.63	22,80,20,647.13
S/B A/C WITH BANKS (CPF)	98,06,140.50	206,65,111.50
S/B A/C {CONFERENCE FUND}	2,00,960.07	1,93,474.07
TERM DEPOSIT WITH BANKS (CPF)	1001,31,350.47	727,23,118.47
TERM DEPOSIT WITH BANKS (GRANT)	2636.39,945.00	400,00,000.00
TERM DEPOSIT WITH BANKS (PROJECT)	561,13,036.00	33,13,036.00
IMPREST WITH EMPLOYEES	92,500.00	34,500.00
AUTO SWEEP {F.D.R.}	17,01,599.00	17,01,599.00
TOTAL	4747,23,890.63	3666,79,760.13

INSTITUTE OF HUMAN BEHAVIOUR AND ALLIED SCIENCES
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PARTICULARS	AS ON 31-03-2012	AS ON 31-03-2011
RESERVE AND SURPLUS		ANNEXURE-10
OPENING BALANCE	2268,88,223.81	986,47,711.57
ADD-EXCESS OF INCOME OVER EXPENDITURE	683,52,526.68	1282,40,512.24
TOTAL	2952,40,750.49	2268,88,223.81
OTHER LIABILITIES AND PROVISIONS		ANNEXURE-12
T.D.S PAYABLE	31,078.00	1,017.00
EARNEST MONEY DEPOSIT	1,16,00,874.00	1,06,43,950.00
SECURITY DEPOSIT	1,70,56,218.75	1,61,01,766.25
CONTRIBUTORY PF (DUE TO EMPLOYEES)	NIL	2,62,78,627.38
CONFERENCE FUND	1,60,869.07	1,60,869.07
LABOUR WELFARE CEES	NIL	3,709.00
CPF PAYABLE	12,25,15,370.79	6,04,14,314.00
D.G.H.S. (IHBAS) PAYABLE	27,55,400.00	NIL
STIPEND (ICMR)	36,000.00	NIL
STIPEND (UGC)	2,59,130.00	NIL
C.P.F. EMPLOYEES SHARES	-9,000.00	NIL
TOTAL	15,44,05,940.61	11,36,04,252.70

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

PROJECT A/C (ANNEXURE-11)

S. NO.	NAME OF THE PROJECT { TO THE EXTENT NOT UTILIZED TILL END OF THE YEAR }	AS ON 31-03-2012	AS ON 31-03-2011
01.	MDNIY (YOGA PROJECT)	23,215.00	23,215.00
02.	MISC PROJECT	1,22,772.00	1,94,772.00
03.	NACO	5,14,705.00	5,14,705.00
04.	RP 04	35,375.00	35,375.00
05.	RP 05	7,01,566.00	7,01,566.00
06.	RP 07	1,53,049.00	1,53,049.00
07.	RP 09	1,93,210.00	1,97,910.00
08.	RP 10	13,369.00	13,369.00
09.	RP 12	22,247.00	22,247.00
10.	RP 13	10,76,743.00	10,87,463.00
11.	RP 15	-1,115.00	-1,115.00
12.	RP 17	67,598.00	67,598.00
13.	RP 18	87,794.00	87,794.00
14.	RP 19	-16,332.00	-16,332.00
15.	RP 21	11,265.94	11,265.94
16.	RP 22	1,51,972.00	1,81,543.00
17.	RP 23	-12,493.00	-12,493.00
18.	RP 25	5,08,478.00	5,07,782.00
19.	RP 26	1,19,626.00	1,19,626.00
20.	RP 27	2,95,442.00	2,93,865.00
21.	RP 28	2,01,074.00	2,01,074.00
22.	RP 30	7,83,424.51	7,83,424.51
23.	RP 31	7,21,960.00	7,21,960.00
24.	RP 34	11,317.00	11,317.00
25.	RP 35	-1,15,513.00	-1,15,513.00
26.	RP 36	2,40,662.00	2,40,962.00
27.	RP 37	28,437.00	27,112.00
28.	RP 38	4,14,989.00	4,14,989.00
29.	RP 39	2,904.00	2,904.00
30.	RP 40	486.00	7,77,442.00
31.	RP 41	35,387.00	4,949.00
32.	STP-01	106,52,719.00	-14,24,091.00
33.	STP 04A	1,549.00	1,549.00
34.	STP-4B	3,65,841.00	87,362.00
35.	STP 07	24,82,829.00	1,10,248.00
36.	STP 08	21,40,134.00	10,22,894.00
37.	STP 09	27,07,057.00	6,67,498.00
38.	STP 10	62,869.00	3,73,098.00
39.	STP 11	19,50,910.00	10,88,251.00
40.	STP -01 CHHATTARPUR	62,00,000.00	NIL
41.	RP 42	3,523.00	NIL
42.	SMHA	3,13,392.00	NIL
43.	PROJECT LOAN RECEIVABLE	-6,24,675.00	NIL
44.	CORPORATION BANK OD A/C	10,13,150.00	NIL
45.	PROJECT RP BANK A/C	-3,09,69,010.51	-54,28,584.51
46.	GRANT-C EXCELLANCE	5,18,65,681.00	5,28,00,000.00
	TOTAL	5,45,59,582.94	5,65,52,049.94

Institute Of Human Behaviour And Allied Sciences
G. T. Road, Shahdara, Delhi- 110095

Notes To Account Forming Part Of The Financial Statements Of The Year 2011-2012

Institute Of Human Behaviour & Allied Sciences (ihbas) Is Incorporated Under The Societies Registration Act 1860 On 30th July 1991. And It Took Over The Adminstration Of The Hospital For Medica Diseases During The Financial Year 1993-1994. These Are The Final Accounts Fthe Institute Covering The Period 1st April 2011 To 31st March 2012.

Accounting Policies:

1. Method Of Accounting
Books Of Accounts Of The Institute Are Maintained On Cash Basis. This Is Non Profit Making Concern & 100% Goverement Funded Running Institution.
2. Valuation Of Fixed Assets
All The Fixed Assets Are Valued At Cost In The Books.
3. Regarding C.p.f. Payable.
 - A) The Contribution To Pf (due To Employees) Amounting To Rs. 262,48,627.38/= Is Outstanding In The Books Since Many Years Without Any Clarification/payment. During The Year Under Audit, The Institute Has Merged This Amount In Employees Cpf Payable Account.
 - B) During The Year Under Audit, The Institute Has Tansfered Rs. 127,65,552.15/= In Employees C.p.f. Payable Account On Account Of S/b Interest & F.d.r. Interest Income For The Year 2009-2010 & 2010-2011 Earned And Wrongly Shows As Ibhas Income Instead Of Income Earned On C.p.f. A/c. This Is Now Ractitfiedin The Books Of Accounts In The Year 2011-2012 By Debiting The Incoe & Expenditure Account And Crediting Employees Cpf Payable Account.
During The Year 2011-2012 The Income Earned Is Credited Correctly In Employees C.p.f. Account.
4. There Is A Old Balance Lying In The Books Of Rs. 2,39,704.00 Shown As Advance Deposit With Pwd, Govt. Of Delhi. Institute Should Take Rigorous Steps To Recover This Amount.

5. This Is Observed That The Institution Has Deducted D.g.h.s. From Staff Salary Payment, Which Was Wrongly Shown As Income Of Ihbas In The Books Since Years. In The Year 2011-12, The Institution Has Corrected The Same By Debiting The Income & Expenditure Account With Rs. 20,34,545/= {for The Period 2005-06 To 2010-11}and Crediting The Same To D.g.h.s. {ihbas} Payable A/c Under The Current Liabilities.
6. It Is Advised To The Institute To Get Itself Registered U/s 12aa Of The Income Tax Act 1961 And To File Its Income Tax Return Periodically And Also Claim Refund For T.d.s. Deducted By Bank.
7. It Is Observed That Many Deposits Are Still Not Credited By The Bank To The Institute. It Is Advised To The Institute To Take Immediate Action For Getting Credit Of The Same To Its Bank Account.
8. Stock Register Is Not Produced For Verification At The Time Of Audit. The Stock As On 31st March 2012 Is Taken In Balance Sheet As Certified By The Concerned Departments.
9. It Is Observed That The Institute Is Not Maintaining Cash Books In The Books Of Accounts. It Is Observed That Most Of The Payments/receipts Are In Cash In The Institute But All These Transactions Are Shown In Bank Instead Of Cash Book. It Is Advised To Maintain Cash Book As Per Accounting Principals And Norms.
10. It Is Advised To The Institute To Charge Monthly Rent From Canteen, Photostate Machine, Focus Etc Regularly Instead Of Receiving The Same After 3-4 Months. The Accounts Department Should Mention The Period Of Which Rent Received In The T.r. At The Time Of Receiving Rent.
11. Regarding Earnest Money And Security Deposit: As Per Baance Sheet As On 31st March 2012, The Total Liabilities Of These Two Heads Is More Than Rs. 2.86 Crores Without Any Records And List To Whom It Is Payable. So I Can Not Verify Its Genuiness. It Is Advised To Make A Detail/break Up Of These Liabilities And A Time Limit Should Be Decided In The Accounting Manual Uptill Which If It Is Not Claimed By The Claimint It Shall Be Written Off And Booked As A Income Of The Institute.

12. It Is Observed That The Institution Has Purchased Equipments/materials From Out Of India. For This Purpose, The Institution Has Opened A Better Of Credit {l.c. A/c} With Bank For Payments. It Is Observed That Most Of The L.c. Materials Are Received By The Institution And A Balance Amount Is Still Lying With The Bank In The Shape Of F.d.r. All The F.d.r's Are Neither Shown In The Books Of Accounts Nor Any Details Of These F.d's Is Available With The Institution.

During The Year 2011-12, The Instittion Has Taken A Bank Statement Of All These Pending Lc Fdr A/c And Shown In The Books Of Account As Lc Fdr A/c In Fixed Assets & Capital Fund Account And The Same Amount Is Deducted From Medical Equipments.

It Is Advised To The Institute To Close Those Lc F.d.r's Against Which 100% Payments Are Made.

13. Regarding Project A/c: The Institute Has Various Projects With Different Names. A Separate Bank Account For All Project Account Are Maintained By The Institute. It Is Observed That Most Of The Projects Are Closed But Still Shown In The Books. It Is Suggested To Settle These Projects.
14. It Is Observed That Various Projects Account Are Not Reconciled. It Is Advised That All These Project Accounts Should Be Periodically Reconciled.
15. It Is Advised To The Institute To Make Policy For Making A Ceiling Of Cash Payment Amount For A Single Bill To The Party. As Per Income Tax Law This Limit Is Rs. 20,000/= Per Payment In A Day.
16. It Is Observed That Rs. 50,18,956/= Was Given As A Advance To M/s Dds (nd) On Dated 04/07/2008 For Purchase Of Computers. Out Of This, Bill Received For Rs. 46,38,961/= On Dated 28/08/2009. The Balance Of Rs. 3,79,995/= Is Neither Received Nor Booked In The Books.

Place- Delhi
Dated-

Gupta Naveen Associates
Chartered Accountants

Ca. Naveen Gupta
F.c.a.

FORM GFR – 19-A
(SEE GOVERNMENT OF INDIA'S DECISION (1) BELOW RULE 150)
FORM OF UTILISATION CERTIFICATE
INSTITUTE OF HUMAN BEHAVIOUR AND ALLIED SCIENCES (IHBAS)
FOR THE FINANCIAL YEAR – 2011-2012.

S.NO.	LETTER NO AND DATE	AMOUNT (RS.)	CERTIFIED THAT OUT OF RS. 809003603.0 OF GRANT IN AID SANCTIONED DURING THE YEAR 2011-2012 IN FAVOUR OF IBHAS UNDER THE DEPARTMENT LETTER NO.
01.	OPENING BALANCE	1294,01,212.03	GIVEN IN THE MARGIN INCULCING RS. 1294,01,212,03 ON ACCOUNT OF UNSPENT BALANCE OF THE PREVIOUS YEAR, A SUM OF RS. 6112,49,864,32 HAS BEEN UTILIZED.
02.	F. NO. 400 (134) 2007/H & FW/PLG/DSHFW/1421- 1430 DT. 05-05-2011	1400,00,000.00	FOR THE PROPOSE FOR WHICH IT WAS SANCTIONED AND THAT THE BALANCE OF RS. 1977,53,738.71 REMAINING UNUTILIZED AT THE END OF THE YEAR HAS BEEN SURRENDERED TO GOVT. (VIDE NON DATED NIL) WILL BE ADJUSTED TOWARD THE GRANTS-IN- AID PAYABLE DURING THE NEXT YEAR 2012-2013.
03.	F. NO. 400 (134) 2007/H & FW/PLG/JS3HFW/196-205 DT. 25-08-2011	2800,00,000.00	
04.	F. NO. 400 (134) 2007/H & FW/PLG/JS3HFW/365-374 DT. 12-02-2012	2300,00,000.00	
05.	INCOME FROM OTHER SOURCES	296,02,391.00	
	TOTAL	8090,03,603.03 =====	

2. ALSO CERTIFIED THAT I HAVE SATISFIED MYSELF THAT THE CONDITIONS ON WHICH THE
GRAINTS-IN-AID WAS SANCTIONED HAVE BEEN DULY FULFILED/ ARE BEING FULFILED
AND THAT I HAVE EXERCISED THE FOLOWING CHECKS TO SEE THAT THE MONEY WAS
ACTUALLY UTILIZED FOR THE PRPOSE FOR WHICH IT WAS SANCTIONED.

KIND OF CHECKS EXERCISED

1. BOOKS OF ACCOUNTS FOR THEFINACIAL YEAR -2011-2012.
2. BANK ACCOUNT FOR THE FINANCIAL YEAR-2011-2012.
3. ALL THE VOUCHERS FOR THE FINANCIAL YEAR-2011-2012.

PLACE- DELHI

GUPTA NAVEEN ASSOCIATES

DATED-

CHARTERED ACCOUNTANTS

**DIRECTOR
GUPTA**

SR. ACCOUNTS OFFICER

**CA. NAVEEN
F.C.A.**



INSTITUTE OF HUMAN BEHAVIOUR AND ALLIED SCIENCES

DELHI - 110095

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