

IHBAS



ANNUAL REPORT **2006 - 2007**



Institute of Human Behaviour & Allied Sciences
Delhi - 110095



ANNUAL REPORT

2006-2007

INSTITUTE OF HUMAN BEHAVIOUR AND ALLIED SCIENCES
DELHI - 110 095

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DIRECTOR'S REPORT

Highlights of major activities and achievements during the period

Institute of Human Behaviour and Allied Sciences (IHBAS) is one of the largest super speciality tertiary care centres in Delhi dedicated exclusively to neuropsychiatric and behavioural illnesses. In continuation with its progressive movement towards fulfillment of its objectives of providing high quality and super-specialty patient care, conducting basic and applied research and providing training in neuropsychiatry and behavioural sciences, this year has also seen new landmarks being achieved.

The calendar year of 2006 registered 2.2 lac (225418) patients in outpatient services out of which 12% were new cases. The number of patients receiving emergency services in various specialities increased by 11% over the previous year. The number of patients receiving indoor services also increased by 16%.

During this year various programmes were organized in the institute. On the occasion of World Mental Health Day, Mental Health Awareness Campaign was organized by the department of psychiatry from 7th to 13th October, 2006 in collaboration with MANAS, an NGO and with support from Govt. of Delhi & Govt. of India. Mental health camps and public seminars were held during the weeklong activities which were inaugurated by Hon'ble Chief Minister, Govt. of NCT of Delhi. Resource team from the psychiatry department participated in the National Seminar on "Mentally Ill Women - Is destitution the only answer" organized by the National Commission for Women on 8th & 9th March, 2007, in collaboration with NGOs like AAA & in association with NHRC, NALSA & Govt. of NCT of Delhi. The seminar was inaugurated by His Excellency, the President of India and the focus of the seminar was to highlight the dilemmas and the difficulties in the lives of mentally ill women and to explore the role of the Govt. and NGOs in welfare and care of these women. On this occasion a study work titled "Situational analyses of Homeless Women in Delhi" was also published.

Stroke Public Awareness Programme was organized by the department of neurology on June 23, 2006 and World Stroke Day was celebrated on June 24, 2006. Other activities held in IHBAS included Centenary celebration of Alzheimer's Disease on the occasion of World Alzheimer's day on September 21, 2006. CME on dementia and Dementia Awareness Programme was organized for general

practitioners and community respectively. "Epilepsy Day' was celebrated on November 23, 2006 organized by the department of Neurology. A Public Awareness programme was organized to update knowledge about epilepsy.

The institute, in addition to the patient care and teaching activities, has also been actively involved in conducting research projects supported by various funding agencies like ICMR, DBT, WHO and Ministry of Health and Family Welfare. This year eight projects are undergoing in the institute. Out of eight projects, four projects are multicentric while two projects are in collaboration with other research institute like Institute of Genomic and Integrative Biology and Department of Genetics, South Campus, Delhi University Various academic activities were undertaken in the institute during the year. The first batch of MD (Psychiatry) passed out this year. The teaching and training for MD (Psychiatry), DNB (Neurology), M.Phil. (Clinical Psychology) and the undergraduate and post graduate student teaching in Clinical Psychology, Psychiatric Social work and psychiatric nursing continued.

The main objective of the institute is to provide tertiary care services and to mitigate stigma associated with mental illness. A total of six specialty clinics namely Drug Abuse Treatment and Rehabilitation Clinic, Neuro Behaviour Clinic, Movement Disorder Clinic, Marital Psychosexual Clinic and Epilepsy Clinic are run by the institute covering specialized needs of patients with various disorders. Besides running various specialized clinics, the institute also has Drug abuse treatment and rehabilitation centre that extends from detoxification to comprehensive relapse preventing strategies. Day Care Center is established to provide services to the follow - up patients from the OPD as well as from the wards. In day care centre patients are trained in social and vocational skills along with a structured working programme for patients consisting of group sessions.

MAJOR ACHIEVEMENTS

During calendar year department of Neurosurgery has been started and faculty has been recruited. The project work for 'Remodeling of Institute of Human Behaviour & Allied Sciences' Phase I has been completed and all the departments are shifting to new building. The first batch of MD in Psychiatry passed out this year. The teaching and training for MD (Psychiatry), DNB (Neurology), M. Phil (Clinical Psychology) and the undergraduate and post graduate student teaching in Clinical Psychology, Psychiatric Social Work and psychiatric nursing continued.

PROJECTION FOR NEXT YEAR

The institute is going to start the new centre for Ayurvedic Research and Yoga. The process to establish a liaison with Morarji Desai National Institute of Yoga is in the process.

The institute also plans to develop molecular biology based techniques for diagnosis of neuropsychiatric diseases like Alzheimer's disease, neurotropic pathogens M. tuberculosis, HIV, HSV etc.

Dr Meena Gupta
Director



OPD



OPD

OBJECTIVES OF THE INSTITUTE

The Institute of Human Behaviour and Allied Sciences (IHBAS), Delhi is an apex institution of psychiatry, neurology and behavioural sciences utilizing a multidisciplinary approach. The main objectives of the institute are:

- to provide high quality super specialty care using state-of-the-art technology in psychiatry, neurology and behavioural sciences
- to conduct research in the field of psychiatry, neurology and behavioural sciences;
- to provide comprehensive training at MD, DM, M.Phil. and Ph.D. level in psychiatry, neurology and behavioural sciences.

The institute provides, not only tertiary level facilities but also a mixture of primary and secondary level care in the field of neurobehaviour sciences. For this, it utilizes a unique approach through clinical (psychiatry and neurology), social (clinical psychology, psychiatric social works and medical anthropology) and basic sciences (neurochemistry, microbiology, neuropathology and neuropsychopharmacology) to provide comprehensive treatment for the patients.

In pursuance of its objectives, the institute has been involved in the following activities:

- Hospital and community - based patient - care services, including preventive/curative and rehabilitation services for the people of Delhi and neighbouring states in Northern India
- Post graduate teaching/training in psychiatry, neurology, clinical psychology, psychiatric social work and psychiatric nursing.
- Basic and applied inter-disciplinary and intra-disciplinary research in neuropsychiatry and behavioural sciences.

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

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

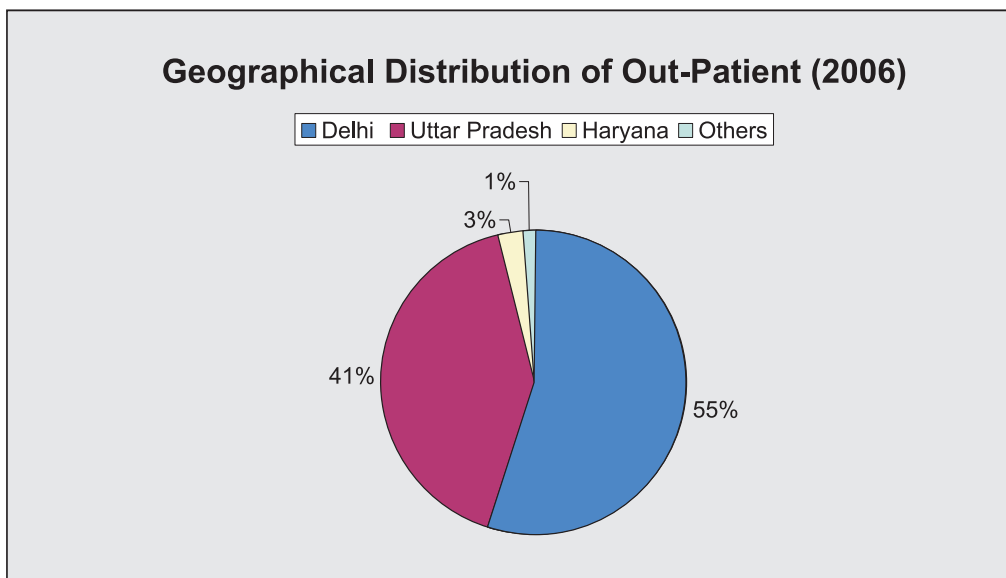
ANNUAL REPORT 2006-2007

Institute of Human Behaviour & Allied Sciences is one of the largest super speciality tertiary care centers in Delhi for neurological and psychiatric illnesses 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 rendered by IHBAS during the year.

HOSPITAL SERVICES

Out Patient Services

The institute has established itself as one of the largest and reputed centre for neuropsychiatric diseases in North India. In 2006, 225418 patients availed themselves of the outpatient services comprising 27565 new and 197853 follow - up cases. Around 54% new cases were from Delhi and the rest from the neighboring states (see figures below). On an average, 754 patients per day attended the OPD. Multiple registration counters have been opened in the OPD block to reduce the waiting time



In - patient Services

In the year under report, the total number of patients admitted was 2,588. 63% of these were through OPD, 37 % through emergency and rest were readmission cases.

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. 11,787 patients attended the emergency services during the year under report.

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.

- i) **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 counseling for school-related problems. During the year, 2992 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 counseling services are a regular feature of this clinic.
- ii) **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 4247 patients availed the services through this clinic.
- iii) **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 counseling. Other common disorders include impotence and premature ejaculation. Various treatment modalities are used such as medication, counseling and behaviour therapy. An increase of 16 % was seen in patient attendance in the current year with 820 patients availing the facilities.
- iv) **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 center for the project.

This clinic is held every Monday, Wednesday and Friday afternoon. On an average, 14 patients are evaluated by a multidisciplinary team. the patients are offered both, pharmacological and psychological support, with emphasis on counseling and behaviour management. This year 623 patients utilized the services of the clinic with increase of 17 %.

- v) **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 there was increase of 13% in attendance and 1124 patients utilized the services of the clinic.
- vi) **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 is brought by their family members. Such patients are evaluated and treated by psychiatrists, clinical psychologists and psychiatric social workers. 5132 patients attended this clinic during the year with increase of 33 % in cases. As and when needed, patients are admitted for four to six weeks for comprehensive indoor treatment.
- vii) **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. There was increase of 13 % in patient attendance with 808 patients attending the clinic during the year.
- viii) **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. 5884 patients attended the clinic during the year with increase of more than 12%. The endeavor, essentially, is to remove the stigma and reduce the treatment gap in epilepsy.

Diagnostic Services

The institute has well equipped laboratories providing specialized facilities for therapeutic drug monitoring, biochemical investigations for Inborn Error of Metabolism, histopathology of CNS tumours, nerves and muscle disorders and electrophysiological tests in addition to routine diagnostic investigations.

Radiology services in the form of 3.0 Tesla MRI, Color 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 take the neuropsychiatric services to the doorstep of patients. The community outreach clinic helps to create awareness in the public regarding neuropsychiatric disorders and remove the stigma and myths associated with mental illness.

Clinics held regularly at Jahangirpuri and Chattarpur, and mobile health clinic for homeless near Jama Masjid, received overwhelming response with 3916 patients attending the clinic. At Jahangirpuri, 14743 patients attended, while 6420 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 center 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 comorbid 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.

Out Reach Clinic for Homeless Mentally ill Persons: The clinic was started in August, 2000, in the walled city area of Delhi. A rapid need - based assessment survey was done by IHBAS and Ashray Adhikar Abhiyan (AAA), which is an NGO working for empowering the homeless people. The other members of this survey team included department of Psychology, University of Delhi; World Vision; Narcotic Anonymous. The observations of the survey revealed that catering to the physical and mental health needs is fundamental to efforts of betterment of the quality of life of these homeless people, and that, presently, such services are virtually non - existent.

The efforts of all the participant organizations of the rapid assessment survey culminated in formation of Health Initiative Group for Homeless (HIGH) for the homeless people of Delhi.

A Mobile Health Clinic was started in September, 2000 by the HIGH partners, run at Urdu Park, Jama Masjid twice a week on Monday and Thursday by a team of psychiatrists; physicians; postgraduate psychiatry students as part of their community psychiatry training; members of NGO's like AAA, Youth Reach, Sahara and volunteers of the homeless community. Later, HIGH started a once-a-week counseling and experience- sharing meeting for enhancing and maintaining the motivation for abstinence as part of the treatment of the patients suffering from disorders of substance use. During the year, 3,916 persons from the community attended the mobile clinic. IHBAS provides most of the medicines to the patients attending the clinic, free of cost.

Outreach Community Services

- | | |
|---|--|
| ● Chhatarpur Clinic | - Every Monday/Thursday mornings |
| ● Jahangirpuri Clinic | - Every Wednesday/Friday mornings |
| ● Mobile Health Clinic for homeless near Jama Masjid | - Every Monday/Thursday evenings |

NURSING

The nursing staff provides one of the most important supportive cares in the management of neuropsychiatric patients. Neuropsychiatry nursing care is different from general care. The nurses are trained and taught to deliver special care to the neuropsychiatric patients in the institute. Also, nurses from the other reputed Institutions, e.g Deen Dayal Hospital, Inderprastha Appollo Hospital, Hindu Rao Hospital, Holy Family Hospital, AIIMS, VIMHANS, Guru Nank Mission Hospital (Nawa Shaer Punjab), Bana Hari Das Institute, St. Stephen Hospitals, Silver Oaks College of Nursing Mohali, SOS Nursing School Faridabad, Ruffada College of Nursing, Kailash Institute of nursing Para-medical Sciences, Santosh Para Medical College & Hospital, etc. come to IHBAS for teaching and training.

Patients and staff activities -

Patients staff group meetings are organized regularly with the object of increasing the interaction between the patients and staff for better understanding of patients problems.

The other activities include:

- Daily morning exercise of the patients and prayer.
- Celebration of the national festivals with on 26th Jan. & 15th Aug.
- Celebration with patients on Holi, Rakhee, Dusshera, Diwali, Christmas, etc.
- Eating out programme.
- Picnic programme.

DAY CARE CENTRE AND OCCUPATIONAL THERAPY

Day Care Center provides services to the follow - up patients from the OPD as well as from the wards. A multidisciplinary team consisting of psychiatrists, neurologists, clinical psychologists, psychiatric social workers and psychiatric nurses take part in rehabilitation of the day care patients. The patients are trained in social and vocational skills and activities of daily living. A structured working programme for patients consisting of group sessions attending the day care center has been developed. This unit provides support services for patients who have recovered, or are on their way to recovery, from illness. It is planned to provide vocational training in areas, like candle - making, craft activities like card - making, envelop - making and other activities, like indoor and outdoor games. 333 patients visited the Day Care Center during the year.

PHYSIOTHERAPY SERVICES

Physiotherapy services in IHBAS were started in August, 1995. Patients with acute neurological deficit, like hemiplegia, paraplegia, progressive muscle and nerve diseases, cervical and lumbar spondylosis, etc are provided active and passive rehabilitative programme. Pain - relieving modalities are actively used. From the indoor and outdoor services 4402 patients' availed themselves of different modalities of modern physiotherapy services.

Multi gym facilities are also available for the patients and the staff of the hospital. The physiotherapists also impart clinical training from time to time to students of physiotherapy from other institutions.



Pharmacy



Kitchen

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 & 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. Proper labeling 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 hospital kitchen plays a very important and supportive role in providing patient care services. Kitchen catered to an average 225-230 inpatient per day in the calendar year. Diets, as per the approved diet scale, are provided to the indoor patients. Complete nutritive requirements of the indoor patients are fulfilled through 3 main meals and 3 snacks time (Breakfast, Lunch, Dinner and Bed Tea, Mid-Morning Soup, Evening Tea respectively) daily providing adequate calories and proteins. Apart from the standard diets, kitchen also provided an average 70-80 numbers of therapeutic/special diets daily like high protein, low protein, liquid diets, soft diets, high carbohydrates diets, diabetic diets, salt restricted diets.

Kitchen maintains the quality of prepared food as well as of the dietary ingredients like milk, bread, eggs paneer, cereal and pulses etc. Monitoring system to keep a check on all kitchen activities are in place and being followed.

In addition to the above, Kitchen organized special Dishes/Menus for all the indoor patients on various occasions such as festivals, picnics, eating out days through out the year - 2006-07.

HOSPITAL STATISTICS AT A GLANCE

OUT PATIENT STATISTICS

Psychiatry	2005 (no. of cases)	2006 (no. of cases)	% increase
Total	132062	142309	8
New	16641	17687	6
Follow - up	115421	124622	8

Neurology	2005 (no. of cases)	2006 (no. of cases)	% increase
Total	64904	83109	28
New	9184	9878	8
Follow - up	55720	73231	31

IN PATIENT STATISTICS

Psychiatry	2005 (no. of cases)	2006 (no. of cases)	% increase
Admission	822	971	18
Discharges	830	962	16
Death	02	03	50
Bed Occupancy rate (%)	96	96	0

Neurology	2005 (no. of cases)	2006 (no. of cases)	% increase
Admission	1405	1617	15
Discharges	1388	1628	17
Death	15	25	66
Bed Occupancy rate (%)	83	82	1(↓)

Specialty Clinics	2005 (no. of cases)	2006 (no. of cases)	% increase
Mental Retardation Clinic	4346	4247	2(↓)
Child Adolescence Psychiatric Clinic	2992	3180	6
Neuro Behaviour Clinic	996	1124	13
Movement Disorder Clinic	733	808	10
Marital & Psychosexual Clinic	705	820	16
Tobacco Cessation Clinic	533	623	17
Epilepsy Clinic	5240	5884	12
Drug Abuse Treatment & Rehabilitation Centre	3861	5132	33

Clinical Psychology Services	2005 (no. of sessions)	2006 (no. of sessions)	% increase
Total Sessions Conducted	8159	10071	23
IQ Assessment	1255	1910	52

Other Services	2005 (no. of cases)	2006 (no. of cases)	% increase
Physiotherapy Services	3196	4402	38
Occupational Therapy Services	249	1269	> 100
Psychiatric Social Work Services		5897	

Community Out Reach Clinics	2005 (no. of cases)	2006 (no. of cases)	% increase
Jahangir Puri	13291	14743	11
Chhattar Pur	6290	6420	2
Jama Masjid Clinic	1763	3916	> 100

Emergency Services	2005 (no. of cases)	2006 (no. of cases)	% increase
Psychiatry	8291	8883	7
Neurology	2285	2904	27

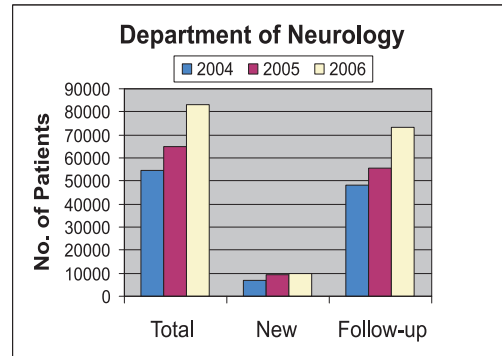
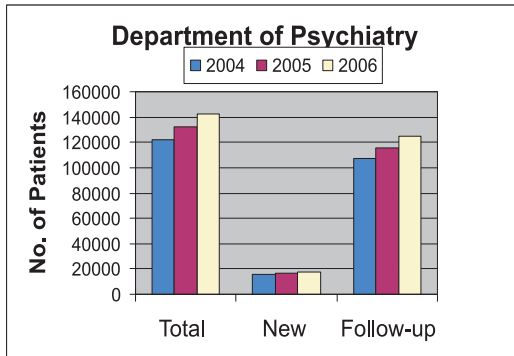
Laboratory Services	2005 (no. of cases)	2006 (no. of cases)	% increase
Pathology	10125	12112	20
Neurochemistry	7585	9961	31
Microbiology	2692	3636	23
Neuropsychopharmacology	4699	5652	20

Radiology Services	2005 (no. of cases)	2006 (no. of cases)	% increase
X-Ray	256	3882	> 100
Ultra Sound	1347	1702	26

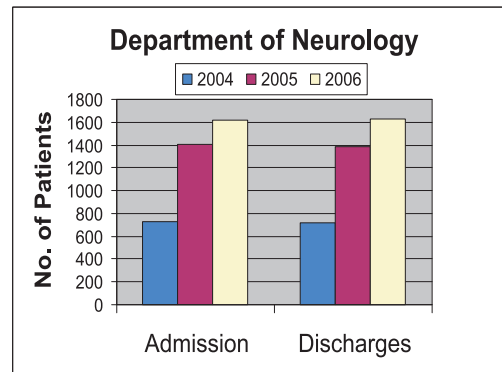
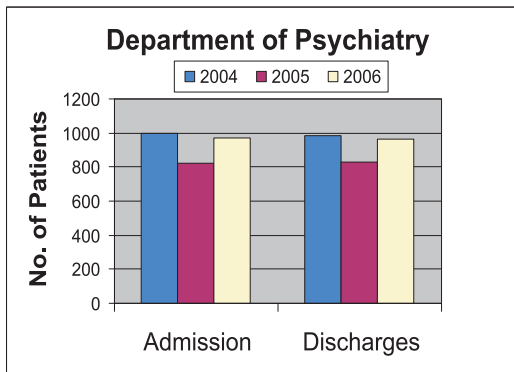
ECT Services	2005 (no. of cases)	2006 (no. of cases)	% increase
Total	443	818	85
Modified	443	818	85
Direct	-	-	-

Electrophysiology Services	2005 (no. of cases)	2006 (no. of cases)	% increase
ECG	636	670	5
EEG	1968	1971	< 1
EMG/NCV	448	515	15

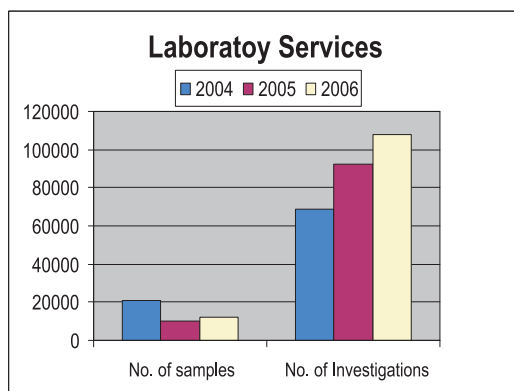
Out-Patient Services



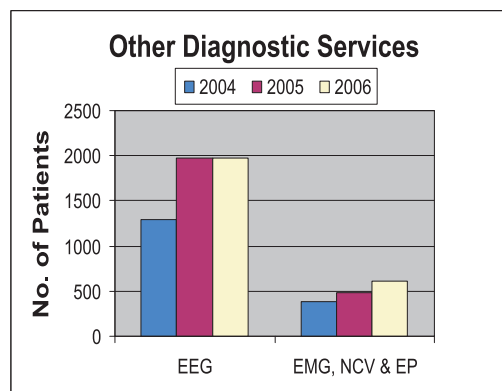
In-Patient Services



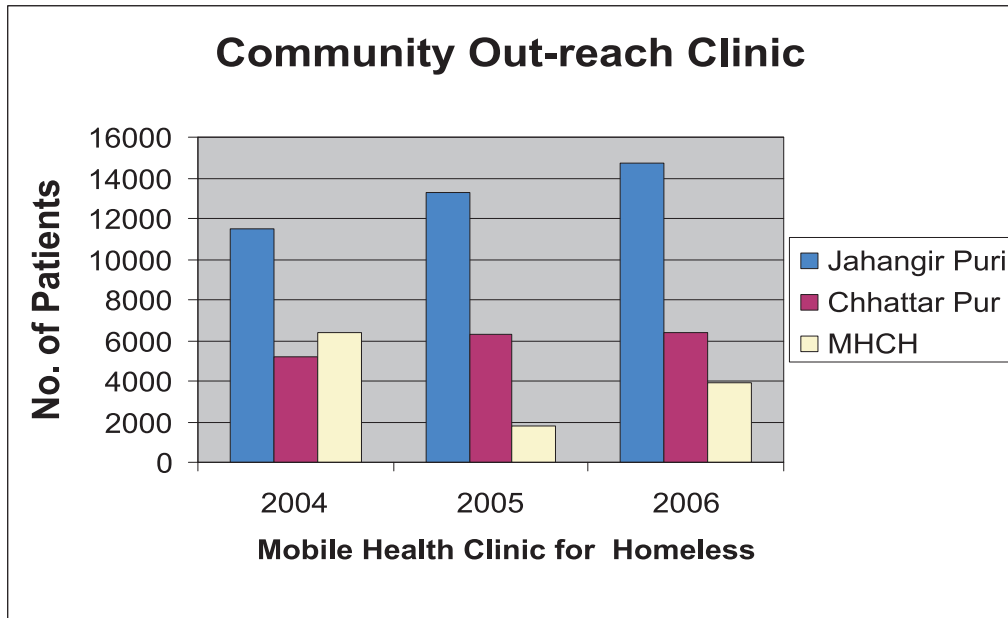
Laboratory Services



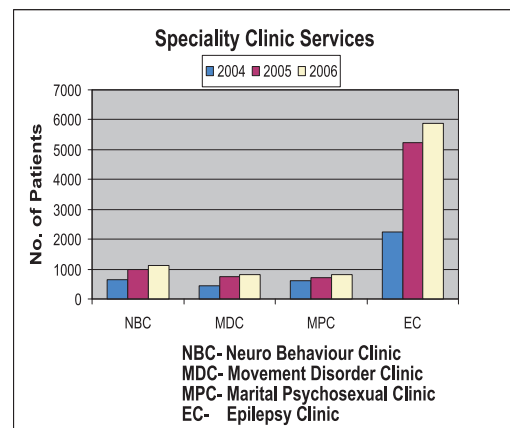
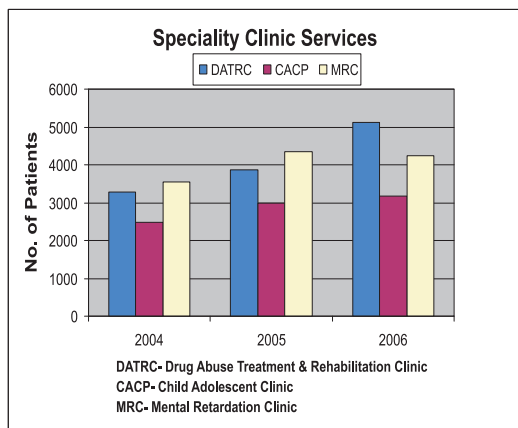
Electrophysiological Services



Community Out-reach Clinics



Speciality Clinic Services



RESEARCH PROJECTS

LIST OF RESEARCH PROJECTS

S. No.	Name of the STPs (Service & Training Programme)	Name of the Funding Agency	Name of the Co-Investigator
<u>Department of Neurology</u>			
1.	Pharmacogenomics of first line anti epileptic drugs	ICMR	Prof. M Gourie-Devi (PI) Prof. Meena Gupta Dr. Kiran Bala Prof. Sangeeta Sharma
2.	An Integrated Approach for Mutation Analysis and identification for New Gene(s) for X-linked Mental Retardation	DBT	Prof. Meena Gupta
3.	Prevalence of Epilepsy and Factors Responsible for Treatment Gap in North East District of NCT of Delhi	Indian Epilepsy Association	Prof. Meena Gupta (PI)
<u>Department of Psychiatry</u>			
1.	District Mental Health Programme Since Year: 2000.	MOH & FW, GOI	Dr. N.G. Desai (PI) Dr. D.K. Gupta & all Dept. Faculty
<i>Ongoing (Investigator Driven)</i>			
1.	Tobacco Cessation Clinic (TCC) Since Year: 2001	WHO-SEARO	Dr. N.G. Desai (PI) Dr. S.N. Sengupta Dr. U.K. Sinha Dr. Deepak Kumar Dr. Rupali P. Shivalkar
Name of the Research Projects			
Completed			
1.	Strategies For Community Based Neuropsychiatric Services: Identification & Management Of Psychoses Year: 2003-05	WHO /SEARO	Dr. N.G. Desai (PI) Dr. D.K. Gupta Dr. Pravin Sharma Dr. N. Singh Dr. U.K. Sinha
2.	Determinants of Risk Behaviour of Non - Communicable Diseases: A Community Based Qualitative Study Year :2003-05	WHO-ICMR	Dr. N.G. Desai (PI) Dr. D.K. Gupta Dr. U.K. Sinha

Ongoing Projects			
1.	Urban Mental Health Problem & Their Service Needs Since Year: 2004 (IHBAS as Coordinating as well as individual centre)	ICMR (WHO during the pilot phase)	Dr. N.G. Desai (PI) Dr. D.K. Gupta Dr. U.K. Sinha Dr. Deepak Kumar Dr. C.B. Tripathi Dr. Sarabjeet Khurana
2.	Task Force Project on Suicide Behaviour Since Year: 2004	ICMR	Dr. N.G. Desai (PI) Dr. S.N. Sengupta Dr. T.B. Singh Dr. C.B. Tripathi
3.	NICED-IHBAS-RIMS Collaborative Study on HIV/AIDS & Drug Abuse in Manipur, Since Year: 2003 (IHBAS as Coordinating centre)	ICMR	Dr. N.G. Desai (PI) Dr. S.N. Sen Gupta Dr. D.K. Gupta Dr. Rajesh Kumar Mr. Pravin B. Yannawar
4.	Mental Health Service Needs and Services Delivery Models in the Disaster Affected Population in Gujarat. Since Year: 2003 (IHBAS as Coordinating Centre)	ICMR	Dr. N.G. Desai (PI) Dr. D.K. Gupta Dr. U.K. Sinha Dr. Jahanara M. G. Dr. C.B. Tripathi Dr. Sarbjeet Khurana Mr. Anil Kumar
5.	A Phase3, randomized, Placebo Controlled, Double-Blind Trial Evaluating the Safety and Efficacy of Asenapine in patients with acute mania Since Year: 2005	Pfizer Ltd	Dr. N.G. Desai (PI) Dr. S.N. Sengupta Dr. Deepak Kumar Dr. Rupali P. Shivalkar
6.	Mental Health Problems & Services Needs in Tsunami Affected Population of Coastal Tamil Nadu. -Pilot Year 2005-06	ICMR	Dr. N.G. Desai (PI) Dr. D.K. Gupta Dr. Vijender Singh Dr. Jahanara M.G. Dr. C.B. Tripathi Dr. Sarbjeet Khurana

PI - Principal Investigator

The institute is involved in number of projects in the field of neuropsychiatry supported by various funding agencies like ICMR, DBT, WHO and Ministry of Health and Family Welfare. This year nine projects were under going in the institute out of which one has been completed. Out of nine projects, four projects are multicentric while two projects are in collaboration with other research institutes like Institute of Genomic and Integrative Biology and Department of Genetics, South Campus, Delhi University.

Project activities in brief are as under :-

I. Pharmacogenomics of first line anti epileptic drugs (AEDs) in collaboration with Institute of Genomics & Integrative Biology (IGIB) and The Centre for Genomic Application (TCGA). The project is funded by CSIR. Professor M Gourie-Devi is the Principal

Investigator. Co-investigators from IHBAS are Professor Meena Gupta, Dr. Kiran Bala, Dr. Sangeeta Sharma. The project was started in August, 2005. The aims and objectives of the present study are: to study the genetic polymorphism in genes encoding cytochrome P450, other drug metabolizing enzymes (DMEs), transporters and targets of first line AEDs and the influence of gene polymorphism on drug concentration in blood, clinical response to first line AEDs namely phenytoin, phenobarbitone, carbamazepine, and valproic acid in Indian population and side effects. The long-term objective is to find out the potential utility of genotyping for the genes prior to initiation of therapy with these agents. A total of 136 patients (drug naïve group 96 patients and monotherapy group 40 patients) suffering from epilepsy attending IHBAS have been enrolled in the project till now. Baseline evaluation (clinical and biochemical) of all the patients has been completed.

II. An Integrated Approach for Mutation Analysis and identification for New Gene(s) for X-linked Mental Retardation: It is a multicentric research project funded by the Department of Biotechnology. Prof. Thelma B.K., department of Genetics, University of Delhi is the project co-ordinator. Dr. Meena Gupta is the co-principal investigator. 5% of all mental retardation (MR) cases and 25% of all male MR cases are believed to be due to mutations in X-linked gene(s). Fragile-X syndrome accounts for 15-20% of all XLMR cases and effective DNA diagnosis is available for this common form of inherited mental retardation (XLMR) based on pedigree analysis, clinical evaluation, chromosomal analysis, to establish lymphoblastoid cell lines of probands and also, to identify and characterize new gene(s) for XLMR, genotype-phenotype correlations and community specific mutation database. The total cost of project is Rs.2.53 crores and its duration 3 years.

III. Prevalence of Epilepsy and Factors Responsible for Treatment Gap in North East District of NCT of Delhi: The project is funded by Indian Epilepsy Association. The Principal Investigator is Dr. Meena Gupta. The objectives of the project are to study the prevalence of active epilepsy, type of epilepsy and the magnitude of the treatment gap and also to educate the community about the myths and facts associated with epilepsy and to decrease the treatment gap, the project was started in 2005. Door-to-door survey is conducted in Slum Colony and Sunder Nagri. The number of houses visited is 5873 and total population covered is 29360. Probable cases of active epilepsy found in 142 cases. Public awareness programmes were held in community at Sunder Nagri and Ram Nagar to increase the awareness regarding epilepsy and to educate the society.

IV. Tobacco Cessation Clinic(TCC): Tobacco Cessation Clinic is a service oriented project funded by WHO and Ministry of Health and Family Welfare. The

Principal Investigator of the project is Dr. Nimesh G. Desai. WHO initiated tobacco cessation clinics project in developing countries including India. Officially functioning of the clinics started across 12 centres in India, including IHBAS on "World No Tobacco Day"- 31st May 2002. The objectives of the project are to study the feasibility of implementing treatment modules and their acceptance by the patient, to increase awareness and sensitize people of all age groups, to initiate cessation of tobacco use and to encourage the tobacco users to seek help from the health professionals and if necessary to engage them in intensive treatment programme. Various activities of TCC, IHBAS include running of tobacco cessation clinics, distribution of pamphlets and handouts on self help tips to stop tobacco use in adjacent communities and community out reach clinics at Jahangirpuri and Chattarpur. On "World No Tobacco Day" 2005 (31st May) service clinics were organized at the adjacent "University College of Medical Sciences", Shahdara, and "Swami Dayanand Hospital". Total no. of cases registered at the Institute from 1st April 2005 to 30th March 2006 was 418. Out of these 224 were new registration and 194 were the old follow-ups. Also various community awareness programmes through IEC activities were taken up to increase the awareness about tobacco.

V. Strategies for Community Based Neuro-psychiatric Services: Identification and Management of Psychoses- This is a WHO/SEARO funded project with Dr. N.G. Desai as the Principal Investigator. The project was started in 2002 with the overall aim of developing strategies for reducing treatment gap for psychoses in SEARO countries. Specific objectives included development of simplified but yet scientifically valid method (questionnaire) to identify psychoses in the community by the primary health care workers and physicians who shall manage the identified patients with simplified but effective pharmacological and psychosocial doable interventions at community level. The objectives of the project also included development of effective public awareness strategies, including developing video film on psychoses. During this year in the 4th and final phase of the project, the Psychoses Identification Questionnaire and the manual for administration of the questionnaire were finalized. The manual on management of Psychoses by the General Physicians was also finalized along with the Performa for follow-up and monitoring the progress of patients of psychoses in the community. A video film on awareness about psychoses was also prepared. The material developed in this project is now ready for its final field-testing in member countries of the SEARO. It is expected that the project will be helpful in assisting SEARO member countries in developing and implementing programmes for reduction in treatment gap for psychoses in their countries with use of the limited resources available in these countries.

VI. Urban Mental Health Problems and Their Service Needs: This is a multisite ICMR taskforce project running at Chennai, Delhi and Lucknow with IHBAS as the coordinating center. The Principal Investigator is Dr. N.G. Desai. After pilot study (January, 2001 - June, 2004), the main study started from July 2004.

1. Pilot phase (January 2002 - June 2004)

Urban mental health is likely to be one of the key challenges of modern medicine. There is very little information on the mental health service needs, availability and utilization in urban areas. In view of this, a multi-centered pilot project on Urban Mental Health services, supported by WHO/ICMR was planned, initiated and carried out across three sites (Chennai, Delhi and Lucknow). It comprised of two complementary arms: Current Situation Analysis (CSA) and Health Services Research (HSR) component. The findings of the pilot study have been published in Indian Journal of Psychiatry, 2004. This paper titled "Urban Mental Health services in India: How complete or incomplete", was presented at ANCIPS, Mysore in 2004 and was awarded the prestigious Marfatia award and has generated interest in urban mental health and is benchmark for comprehensive approach for urban mental health problems.

2. Main phase of the study:

It has been initiated w.e.f. July 2004 initially for a period of three years at Delhi, Chennai and Lucknow. It aimed to make an assessment of mental health problems and service needs as well as to gain an understanding of the various aspects of mental health in urban settings. The objectives of the main study laid on three components;

➤ Epidemiological component:

- To study the prevalence and pattern of mental health morbidity with specific reference to Common Mental Disorders (CMDs) among urban adult population - Prevalence of psychiatric morbidity was highest in lower SES followed by middle and higher strata.
- To study the prevalence and pattern of mental health morbidity with reference to Sub-syndromal Mental Health Problems (SMHP) among urban adult population- In urban population 14.7% adults (aged between 18 to 65 years) were identified as having sub-syndromal mental health problems.
- Comparison of major city data vs. hospital data.

➤ Health service research component:

- To study the mental health service needs, Pattern of service Utilization & Barriers to Utilization of mental health services among the people with mental health morbidity with specific reference to CMDs in the community.

➤ Developmental component:

- To develop and field-test a training module for qualified medical practitioners.
- To develop and field-test a brief intervention module on select CMD (Depression) for qualified medical practitioners.
- To develop and field-test a mental health component for integration into general intervention module being practised for victims of domestic violence in urban setting.

- To develop and field-test Specific mental health contextualized module for victims of domestic violence for those in need of such an intervention.

During the year 2005-06, epidemiological data have been collected in lower SES population. A round of GP training at IHBAS was also conducted and draft training manual has been developed.

VII. ICMR task force project on Suicidal Behaviour

Suicide is now recognised as a public health and social problem in every country, including India (WHO Report 2001). Suicide is on the increase in every part of India- Both in Urban and Rural areas. The occurrence of suicidal ideation and other suicide related behaviour among the community population is not well reported as a result of prevailing social and religious attitudes. The factors associated with suicidal behaviour and the pathways from suicidal ideas to attempt or completed suicide is also not well known. Different studies and reports have estimated that suicide is among the top three causes of death for people aged 15-34 years.

Against this backdrop IHBAS is conducting a multicentric ICMR Task Force Project on Suicide Behaviour, CMC Vellore being the second centre. The Principal Investigator of this project is Dr Nimesh G Desai, Professor & Head, Department of Psychiatry, Co Principal Investigator is Dr. Somnath Sengupta, Professor of Psychiatry and Co-Investigators are Dr.T.B.Singh, Professor of Clinical Psychology Dr. C.B.Tripathi, Assistant Professor of Biostatistics. The duration of Research Project is Five Years (2004- 2009).

The overall objective of the Main Study is to study the descriptive and analytic epidemiology of suicidal ideation and behavior. The study has two components- (i) Descriptive Component (Prevalence component) which studies the prevalence of suicidal ideation and suicidal attempt in the community (ii) Analytic Component (In depth Study) which deals with -to study the correlates of suicidal ideation only; to study the protective and risk factors contributing to suicidal attempt; to study the course of suicidal ideation and to study the pathways to suicidal attempt among the ideators.

The Pilot study for this project started in December 2001 with the development, adaptation and pre testing of the study instruments along with fieldwork logistics to know the feasibility of the study. As per requirement IHBAS has developed a Suicide Related Behaviour (SRB) tool/instrument to study suicide related behaviour in the community.

The Prevalence Component of the Main Study was initiated in March 2004. To study the prevalence rate of suicidal ideation, fieldwork and data collection was carried out in 11 colonies in 1100 population, representative for Delhi, across Social Classes. Data collection in the selected colonies (randomly selected) was carried out using GHQ-12 (General Health Questionnaire), (SRB) Suicide Related Behavior, ICMR

Psycho-Social Stress Questionnaire, ICMR Life Event Scale, Beck's Hopelessness Scale, Social Integration Assessment Schedule, Family Integration Assessment Schedule and Life History Protocol (LHP).

It was found that Prevalence of suicidal ideation in 1100 population, representative for Delhi, across Social Classes-11.1 % (n=122). Among the ideators 63.1% (n=77) had psychiatric disorder, mostly depression. Suicidal ideation is significantly higher in women (3 times more risk than men), less educated, lower occupational level and lower socio-economic status; whereas it is similar across adult age groups and lower in adolescents and elderly. Disturbed interpersonal relationship is significantly associated with suicidal ideation. Intervention on the screened ideators and attempters in the communities studied were also carried out as per medical ethics using Intervention guidelines. Flyers were also distributed in the communities studied in order to remind them about the facilities and services available in our hospital again and offer of help for taking care of the problems that they have shared with us.

The Analytic Component of the Main Study has already been initiated in the purposively selected two communities of Nand Nagari (lower SES) and Dilshad Garden (middle SES). The field work and data collection for the base line information in these two colonies have been completed. At present the study is in the third year and the second six monthly Follow up is in progress. As per schedule, the study is satisfactorily in progress.

VIII. NICED-IHBAS-RIMS Collaborative study on HIV/AIDS and Drug Abuse in Manipur.

Injecting Drug Use (IDU) for non medical purposes increased during the decade of 1980 in the north-eastern states of India. The 'Golden Triangle' is a major heroin producing region which comprises the area in South east Asia where Lao's peoples democratic Republic, Myanmar and Thailand meet. Drug's raw material is produced there and brought into India through porous border between Manipur and Myanmar. The size of the IDU population in Manipur was estimated to be 20,000 by NICED in 1991. Since then, there has not been a repetition in the size estimation exercise and it is felt that the size of this population is showing an upward trend. Moreover, female IDU population in Manipur seems to be 5-10% of the total IDUs. The HIV epidemic in Manipur showed a rapid increase upto 1994 (70-75%) as reported by NICED. Although this prevalence has been declined to 56%, there is a possibility of different HIV scenario among IDUs in Manipur. Spread of HIV to the general population is evident from the HIV infection among the spouses of IDUs and women attending the antenatal clinics. The types of HIV-1 circulating among the IDUs and their infected spouses was reported to be subtype C and Thai B. Reported clinical illness were suggestive of advanced HIV infection. Pulmonary Tuberculosis and STIs are common among the HIV infected individuals. However, detailed studies on opportunistic infections are very limited. Studies on HIV/TB co-infection and prophylaxis of TB are a formidable challenge. The use of antiretroviral therapy in Manipur is still limited although this state has been recognized by Govt. of India to

received the drugs as a WHO program of 3/5. The base line data on the drug resistance pattern is not known till date. There are also a number of mental health issues related to HIV infected individuals. There is a need to study the mental health morbidity among HIV infected IDUs and the risk behavior they involve, resulting into HIV transmission into their injecting and sexual partners. There is need to test the effectiveness of the prudent counseling methods in the management of HIV infected IDUs and capacity building of existing mental health professionals in the north east so as to deal with the mental health issues of such cases and their partners. The collaborative centre IHBAS will be studying these mental health aspects of the identified cases. With this background information, attempt will be made to study the following aspects, during the next three years besides attempting linkages with the IBBS study.

The study will address the following objectives on mental health aspects of HIV infected and IDUs.

1. To study the syndromal and sub-syndromal mental health morbidity among identified cases.
2. To study the risk awareness and risk behaviour of HIV transmission among the identified cases.
3. To study the coping patterns among HIV infected IDUs and their partners.
4. To develop and test the counseling module for the management of identified cases who are not on AR Therapy (The module for counseling & management of identified cases on ART is already available with NACO).
5. For capacity building of mental health professionals to deal with mental health aspects of HIV infected IDU cases and their partners.

This project has two components:

- a. Lab Component and
- b. Field Component (Mental Health Aspect)

The project proposes to investigate certain basic sciences issues related to HIV/AIDS transmission, genetic variation in HIV-I, treat resistance in HIV infection and the opportunities influences in HIV infected individuals. The mental health components of the project envisages to study mental health morbidity among identified cases, risk awareness and risk behavioural HIV transmission, coping patterns among HIV infected IDUs and their partners. The cases identified under the lab component will be recruited after consent for studying mental health aspects. GHQ-12 will be used for screening for psychiatric comorbidity. Syndromal morbidity will be assessed by SCAN, subsyndromal by Hopkin's Symptoms Check-list. Risk Assessment Battery will be used for assessing risk behaviours. A counseling module will be developed for targeted intervention among HIV infected IDUs and their families. Assessments will be made at base line, targeted interventions will be provided based on the counseling module. Post-intervention will be made at 6 and 12 months after intervention. Clinical care component is part of the research. Qualitative research methods like FGDs will be used for in-depth study. All instruments will be adopted for local / Indian use. Coping strategies will be assessed by Ways of Coping Checklist will be used after adaptation. The results of the study

are expected to provide information that can be utilized for development of intervention plan for psychosocial care of HIV infected individuals. It is planned to develop the counseling modules for management of cases who are not on AR therapy.

IX. Multi Centre ICMR task force project on "Mental Health Service Needs and Service Delivery models in the Disaster (Earthquake) Affected population in Gujarat"

The project has commenced on 15th March, 2003 under the Principal Investigatorship of Dr. Nimesh G. Desai, Professor & Head, Department of Psychiatry (IHBAS). This research is focused on the long term effects of earthquake on mental health of the affected people with the objective: To study the mental health morbidity, mental health service needs and various service delivery models for the earthquake affected population of Gujarat State. This is a multi centre project with 3 centres in Gujarat, 4th IHBAS as Coordinating and technical support centre. The quantitative and qualitative research methods are being used for the data collection at all the centers. The epidemiological data is being collected from urban, rural communities and from various hospitals/health centres. The IHBAS being the coordinating centre has been providing the technical support to all the centers including training of the field staff for administering various research tools used for the data collection, supervision and monitoring of field work, plan for data entry and sharing of scientific & technical information etc. The Principal Investigator, senior faculty members (Co-Investigators of the Project) and research staff of coordinating centre frequently visited Gujarat Centres to train the field/ research staff, to supervise and monitor the various research activities, field work and to handle the technical issues related to the research work.

The findings of this study will provide useful information about long term impact of disaster on mental health; specifically the prevalence and pattern of mental health morbidity in the earthquake affected population, after 3-4 years of the earthquake, i.e. it will shed significant light on the range of mental health service needs of the earthquake affected population. The findings will also be helpful in finding out the suitable, effective and acceptable models for the delivery of mental health services to fulfill the needs of earthquake affected population.

It will further helpful to formulate and implement the effective, need based plans and strategies for disaster preparedness and to render the appropriate relief and rehabilitation services to the affected population. The project will be completed in 2008.

X. A Phase III, Randomized, Placebo-Controlled, Double-Blind Trial Evaluating the Safety and Efficacy of Sublingual Asenapine in Patients With an Acute Manic Episode: It is a multicentre project which was started in October 2005 and sponsored by Pfizer Ltd. under investigatorship of Dr Nimesh G. Desai. Co-investigators are Dr Somnath Sengupta, Dr Deepak Kumar & Dr Rupali P. Shivalkar.

Asenapine is being developed for the treatment of schizophrenia and bipolar disorder. The primary objective of this trial was to assess clinical efficacy of asenapine compared with placebo in change from baseline in subjects with manic or mixed episodes associated with bipolar I disorder. There are three protocols of this drug trial. . Initially for three weeks (A 7501004) subjects will be randomly assigned to asenapine, olanzapine or placebo treatment (2:2:1). The trial includes (up to) a 7-day single-blind placebo washout period during which subjects experiencing a manic or mixed episode receive single blind placebo. Subjects must remain confined to an inpatient research facility for at least seven days, but may be subsequently discharged if deemed clinically stable by the investigator. Those who were completed initial three weeks would be enrolled and given the drug for nine weeks (A7501006). Subjects that have completed nine weeks without major protocol violation will be eligible for participation in the next forty weeks extension study (A7501007). Those subjects treated with active, double blind therapy will continue in their original treatment group- Asenapine (5-10 mg BID) or Olanzapine (5-20 mg once daily). Protocol A 7501004 has been completed: total 14 patients screened out of 14 patients, ten randomized and 4 screened failed during the study period. Protocol A 7501006 has been completed, 5 patients screened and all 5 patients randomized. Protocol A 7501007 has also been completed in which 3 patients screened out of three 2 patients continued the study and one patient dropped out.

XI. Neuropsychological Rehabilitation of Alcoholic Patients : A Cognitive Retraining Approach : With the object of assessing neuropsychological functions (attention/vigilance, memory, abstraction, executive functions, verbal intelligence, visuo-motor co-ordination and visuo-spatial ability) and seeing the efficacy of cognitive retraining in improving deficits in neuropsychological functions in patients with alcoholism, the said project was started in June, 2003 by Ms. Rekha K. Jalan, Senior Research Fellow, DATRC, IHBAS under supervision of Dr. Nimesh G. Desai, Prof. & Head, Dept. of Psychiatry, Dr. Uday K. Sinha, Associate Professor, Dept. of Clinical Psychology, Dr. Ram Avatar Singh, Associate Professor, Dept. of Psychiatry. Findings of the study revealed significant impairment in neuropsychological functions of patients with alcoholism and the structured manual cognitive retraining program found to be effective in improving such impairment.

The task for this manual cognitive retraining contained paper-pencil work and verbal performance that took longer time and also felt monotonous by the patients during intervention. Therefore, a subsequent study to develop a computer based on cognitive retraining module for the patients with alcoholism is being taken up in the DATRC unit.

XII. Role of emotional intelligence in Psychosocial Problems and Coping strategies among the Children and spouses of alcoholism patients: This is a 3 year research fellowship of Dr Vinod Shanwal, Phd, with Prof. (Dr.) Nimesh G. Desai as the Chief-guide and Dr U.K. Sinha, and Dr DK Gupta as Co-guides. Aims and objectives of the project:

1. To study the emotional intelligence, psychosocial problems and coping strategies among the spouses of alcoholic patients.
2. To study the emotional intelligence and psychosocial problems of children of alcoholic patients.
3. To find the relationship of emotional intelligence with coping strategies and psychosocial problems of spouses of alcoholic patients.
4. To find the relationship of emotional intelligence with psychosocial problems of children of alcoholic patients.

The data collection continued this year also.

REPORTS OF DEPARTMENTS

PSYCHIATRY

The department of psychiatry expanded the scope of various mental health care activities. The department of psychiatry provides both inpatient and outpatient care through general psychiatry OPD & specialty clinics. The department continues to provide quality care to the patients. A multidisciplinary team of specialists consisting of psychiatrists, clinical psychologists, psychiatric social workers and other paramedical staff provide comprehensive mental health care. Modern therapeutic regimens are used to treat the patients. Admission in psychiatry wards is done voluntarily or through court orders. In addition, a short Observation facility is available to deal with psychiatric emergencies round the clock for all days of the year. Areas being developed are child and adolescent mental health and community mental health including services for homeless mentally ill, and enhancement of community contact activities. The Institute is running a specialty clinic for Tobacco Cessation Clinic under the Tobacco Cessation Programme of the Ministry of Health and Family Welfare. IHBAS is running three community outreach clinics in Delhi under the District Mental Health Programme (DMHP) of the Ministry of Health and Family Welfare, Govt. of India. IHBAS has been designated as one of the Regional Resource Centre under National Mental Health Programme (NMHP). Presently the service is available at Jahangirpuri, Chattarpur and Mobile Health Clinic for homeless near Jama Masjid. The faculty has contributed to a variety of research and training related activities.

Hospital services

The department continues to provide quality care to the patients. There was an increase of 8% in the total OPD attendance during the year 2006, over that in the previous year. The department provides the following specialized services:

1. Child & Adolescent Psychiatry
2. Mental Retardation Clinic
3. Marital & Psychosexual Clinic
4. Tobacco Cessation Clinic
5. Caregivers Group Meetings-in the outpatients department
6. Patient Staff Group Meetings-in the wards
7. Community Mental Health Outreach Services
8. Mobile Health Clinic at Jama Masjid

Teaching and Training

The MD (Psychiatry) course was started with the first batch of two students joining in May 2003 under University of Delhi. Every year there is provision for two seats. Presently, there are six MD students in the department. The teaching occurs at unit level (clinical skills) as well as at the departmental level through case conferences,

seminars, journal clubs, tutorials and lectures. The Department offers five academic sessions every week for the postgraduate training. Interdepartmental seminars are organized regularly to facilitate interaction between different disciplines.

- Training is also provided to the General Practitioners (GPs) in mental health
- Training for medical officers and paramedical health professionals is being provided under DMHP
- Training for HIV counselors has recently been started.

The department is also actively involved in the training of M.Phil, Clinical Psychology Students at IHBAS. It is also involved in training students of B.Sc and Nursing (Diploma Course) in Delhi and Outside Delhi. The department regularly organizes academic activities like symposia and CME programmes for psychiatrists, general practitioners and health professionals. Inter-departmental seminars are organized regularly to facilitate interaction among different disciplines.

Research

The following research projects are going on in the department:

- The ICMR task force project on suicidal behaviour
- Strategies for community based neuropsychiatric services: identification and management of psychoses
- Urban mental health problems and their service needs
- Behavioural risk factors surveillance for non-communicable diseases: An exploratory study into the determinants and community perceptions in India
- Programme for the Tobacco Cessation Clinics network nationwide
- NICED-IHBAS-RIMS Collaborative Study on HIV/AIDS & Drug Abuse in Manipur
- Mental Health Service Needs and Services Delivery Models in the Disaster Affected Population in Gujarat
- Clinical drug trial (A Phase III, Randomized, Placebo-Controlled, Double-Blinded Trial Evaluating the safety and efficacy of Siblingual Asenapine in subjects continuing lithium or valproic acid / divalproex sodium for the treatment of an acute manic or mixed episode.

Organization of Symposia/CMEs /Conference/ Talk

World Mental Health Day Celebration

On the occasion of World Mental Health Day, Mental Health Awareness Campaign was organized by the department of Psychiatry from 7 - 13 October, 2006 in collaboration with MANAS, an NGO with support from Govt. of Delhi & Govt. of India.

Symposia /Workshop/ Conference/ Training/ CME

Dr. Nimesh G. Desai

1. Indo-US Workshop on Injuries and Urbanization to be held in Atlanta USA on 26th & 27th June, 2006.
2. Conferences on "Medical preparedness & mass casualties management" on 22nd & 23rd August 2006 at New Delhi under NDMA.
3. CME as well as speaker on the topic HIV infection & AIDS- Future Direction in Session IV. Psychiatry & Medicine on 2nd -3rd September, 2006. at Lucknow.
4. National workshop on "Community psychiatry services in India" on 27th August 2006 at Chandigarh.
5. National consultative workshop on certificate course on community mental health & development on 4th & 5th September, 2006 at Mumbai.
6. Annual conference of IPS-NZ on 14th -15th October 2006 at Indira Gandhi Medical College, Shimla.
7. GCP Training Programme with Viena School of Clinical School from 16th -18th November, 2006 at New Delhi.
8. National Workshop on Techniques in Psychotherapies" A multi dimensional approach" by Association of Clinical Psychiatrists, Delhi (DACP) on 23rd -27th December, 2006 at New Delhi.
9. National Consultation on Mental Health Policy for Jan Swasthya Abhiyan (JSA) on 21st & 22nd December, 2006 at Pune.
10. National Level Seminar on Rehabilitation in Mental Health (National Seminar on Psychosocial Rehabilitation) from 29th -30th January, 2007 at TISS, Mumbai.
11. National Workshop of NDMA on "Biological & Chemical (Terrorism) Disasters" on 22nd & 23rd February, 2007 at Hotel Centaur, New Delhi.
12. Delivered a Guest Lecture on "Mental health issues with young people and implementing GHQ-12 in Field on 25th February, 2007 at State Institute of Health and Family Welfare, Jhalana Institutional Area, Jaipur.
13. WHO sponsored trainees from Ministry of Health, Maldives for Training in Mental Health 2006 (Programme Director Dr. N. G. Desai).

Meetings attended

1. Attended a meeting of Executive Committee of Indian Psychiatric Society on 9th April, 2006 at Chennai.
2. Visited for the ICMR Multisite Task Force Project on "Urban mental health services on 9th April, 2006 at Chennai, Delhi & Lucknow".
3. Attended Neuroscience Meeting on 12th April, 2006 at Hotel Uppal's Orchid, New Delhi.
4. Visited as External Examiner for MD Examination on 1st & 2nd May, 2006 at PGIMER, Chandigarh.
5. Visited Ahmedabad on 2nd -3rd July 2006 to review the progress on field work under project on "Mental Health Service Needs and Services Delivery Models in the Disaster Affected Population in Gujarat".

6. Attended the meeting of Executive Committee of Indian Psychiatric Society at Kolkata on 30th July 2006.
7. SAC meeting on 4th October, 2006 at NARI, Pune.
8. Attended second Core Group Meeting of NDAM on "Medical Preparedness & Mass Casualties Management" on 26th October, 2006 at New. Delhi".

Dr SN Sengupta

1. A study on perceived stigma and social support among the care givers of the patients with schizophrenia- Praveen Yannavar, Somnath Sengupta and Jahanara Gajendragad- paper presented in the International Conference on Scizophrenia-organised by SCARF, October 15-18, 2006, Chennai.

Dr Deepak Kumar

1. Delivered a guest lecture on the topic: "Management of violent patients" during the Annual Conference of IPS-NZ held in October 2006 at IGMS, Shimla.
2. Attended the EDUSAT Programme of CEC (Consortium for Educational Communications) titled Life Skills-Coping with Emotions and stress.
3. Participated and conducted SCAN Training for Research Staffs of Porject entitled NICED-IHBAS-RIMS collaborative Project of HIV/AIDS in Manipur at IHBAS in April 2006.

Dr Rajesh Kumar

1. Participated and conducted SCAN Training for research staffs of NICED-IHBAS-RIMS Collaborative Study on HIV/AIDS and Drug Abuse at Manipur and Gujarat Project in April, 2006.
2. Undergone and completed training process for YMRS and MADRS from www.i3goal.com on 8th August, 2006.
3. Presented paper entitled "Assessment and Treatment of Nicotine Dependence" in workshop for NGOs, School teachers organized by IHBAS, Ministry of Health and Family Welfare, Govt. of India and WHO, December, 2006.
4. Conducted sensitization programme for Delhi Police Officials regarding the campaign against drinking and driving organized by Indian Alcohol Policy Alliance (IAPA) with Delhi Police with in technical collaboration with IHBAS on 14th & 15th December, 2006.
5. Presented paper entitled "Neuropsychiatry comorbidity in HIV/AIDS" in workshop for orientation and skill enhancement programme in HIV & AIDS for CISF personnel from 12th to 14th February, 2007 and 19th to 21st February, 2007 at Institute of Human Behaviour and Allied Sciences, Dilshad Garden, Delhi-95.
6. National Midterm CME entitled "HIV and Mental Health - Future Directions" (Interface between medicine and psychiatry) held at Lucknow, September 2006.
7. Visited Manipur as a Co-Investigator in a project entitled "NICED-IHBAS-RIMS

Collaborative study on HIV/AIDS and Drug Abuse" from 18th to 20th December, 2006.

8. Formulated documents for Delhi Police Officials for the campaign against Drinking and Driving which was organized by Indian Alcohol Policy Alliance (IAPA) and Delhi Police in technical collaboration with IHBAS, December, 2006.
9. Was involved in formulating documents for Schizophrenia Support Group in Department of Psychiatry, IHBAS and Department of Psychiatric Social Work which has already been started in November, 2006.

Professional Affiliations

Dr NG Desai

1. Nominated to the Working Group on Medical Education of National Knowledge Commission (NKC) & attended its meeting held on 1st October, 2006.
2. Nominated to the Core Group of NDMA for drafting Medical Preparedness and Mass Casualties Management Guidelines.

Special grants/assistance/ Honours/distinctions received

1. Dr DK Gupta, Associate Professor, Psychiatry, has been awarded the prestigious Hubert H. Humphrey/ NIDA fellowship in the field of "Substance abuse- Education, Prevention, and Control".

Research Publications

1. Desai NG, Evidence - based practices in mental health: Distant dream or emerging reality? Indian Journal of Psychiatry, Volume 48, Number 1- January-March, 2006.
2. Desai NG, Comorbidity in psychiatry: way forward or a conundrum? Indian Journal of Psychiatry, Volume 48, Number 2, April-June, 2006.
3. Desai NG, Public mental health : An evolving imperative Indian Journal of Psychiatry, Volume 48 Number 3 July - September, 2006.
4. Desai NG, Responsibility of psychiatrists: need for pragmatic idealism Indian Journal of Psychiatry, Volume 48 Number 4 October-December 2006.
5. Desai NG, Sengupta SN, Kumar D, Shivalkar R, Mehritra S. 'Humour-ability' of mental health professionals. Indian J Psychiatry 2006; 48: 270-271.
6. Singh B., Singh V., Vij A., (2006) Socio-demographic Profile of Substance Abusers Attending a De-Addiction centre in Ghaziabad, Medico-Legal Update 2006, Vol. 6, (1) 13-15.

Book chapter

1. Sengupta S.N. and Nath J., Mental Health, Textbook of Preventive and Social Medicine, second edition, Gupta P and Ghai O. P. CBS Publishers and Distributors, Delhi, 2007, 646-662.

Dr Deepak Kumar

1. Chapter titled "Anganwadi workers-Role unlimited" in the book entitled Mental Health by the people edited by R. Srinivasa Murthy (2006) Published by Peoples Action for Mental Health (PAMH), Bangalore.

NEUROLOGY

The department of Neurology provides quality neurology care to patients, aimed to achieve better understanding of neurological disorders through daily outpatient services, indoor services, emergency services and the state-of-the-art neurological investigations.

Hospital Services

The department caters to the needs of patients from Delhi as well as from the adjoining states. There has been a phenomenal increase in the number of patients in the Neurology department with the patient attendance registering an increase of 28% over the previous year. 83109 new patients were registered during 2005. Community programmes were held to increase awareness of neurological disorders like epilepsy, stroke in community, etc. The department provides 24-hour emergency care. There were 2904 patients with neurological emergency this year. The inpatient facility consists of 40 beds. There were 1617 inpatient admissions this year. All types of neurology patients are admitted and managed regularly. The number of admissions increased by 15% in year under report.

A 10-bedded well-equipped Neurology ICU is functional. Ventilators, cardiac monitors, ABG machine, etc which are required for the management of critically-ill patients is available. Bed-side EEG is done regularly in the ICU to monitor the patients of status epilepticus and encephalitis.

Specialty Clinics

Speciality clinics are held thrice a week to target the special group of patients. The aim of these clinics is to give special attention to the patients and their care-givers, suffering from degenerative diseases, like Dementia, Epilepsy, Movement Disorders and Mental retardation.

Neurobehaviour Clinic

Neuro behaviour clinic is held every Friday afternoon. All types of Dementia patients are evaluated and managed with the latest treatment modality. The different types of dementia e.g. Alzheimer's disease, Vascular dementia related with other degenerative diseases as Parkinson disease, hunting tons disease are now-a-days diagnosed with accuracy because of availability of revised diagnostic criteria and advances in neuro-imaging modalities. Special attention is given to the care-givers and family-members of patients by a team of neurologists, clinical psychologists and psychiatric social workers. Occupational therapy, cognitive retraining are important components in management of dementia which is regularly given to the patients as part of management of dementia. Dementia awareness programmes held regularly. There is 13% increase in patient attendance this year.

Movement Disorder Clinic

Movement disorder clinic is held every Wednesday afternoon. Patients suffering from movement disorders, like Parkinson's disease, Parkinson's Plus Syndrome,

etc. are seen in this clinic. The attendance in the clinic increased by 10% in the calendar year. Botulinum toxin injection as a mode of therapy for dystonia patients is regularly given in this clinic. Some 20-25 patients were given Botulinum toxins for various indications.

Epilepsy Clinic

Epilepsy clinic is held every Tuesday afternoon. Chronic Epilepsy patients with refractory seizures and patients with social problems are managed in this clinic. Epilepsy support groups are made among the patients to discuss the problems among themselves. The social workers and psychologists help them to cope up with their social problems. There has been a 12% increase in the attendance in this clinic.

Mental Retardation Clinic

Mental retardation clinic is held every Wednesday afternoon. Mentally challenged patients with neurological problems are seen in this clinic. In the year under report, 703 patients attended the clinic with maximum no. of cases of MR with seizures. Special attention is given to the patients of Fragile X-Syndrome with appropriate genetic counselling to the family members.

Diagnostic Services

The state-of-the-art neuroelectrophysiology lab has the facilities for doing all the electrophysiological procedures as Nerve Conduction Velocity (NCV) Electromyography (EMG) Evoked Potentials (EP), like somatosensory evoked potential and visual evoked potential (VEP), etc. These tests are done regularly for indoor and outdoor patients. Patients are referred by other hospitals for electrophysiological procedures. Patients with different types of myopathy, neuropathy, multiple sclerosis etc are investigated.

EEG: Electroencephalography is done through digital and video EEG machine. This facility is available for outdoor and indoor patients. EEG not only helps in establishing the type of epilepsy but also in diagnosing non convulsive status and pseudo seizures.

Teaching and Training

The comprehensive teaching programme for Junior, Senior Residents and DNB Neurology, and MD Psychiatry and M.Phil. Clinical Psychology students is done through bedside clinical teaching, case discussion, clinical meetings, journal clubs and seminars. Basic training is given in Neurophysiology.

Research

The following research projects are going on in the Department :

- An integrated approach for mutation analysis and identification of new gene(s) for X-linked mental retardation and is funded by the Department of Biotechnology, New Delhi. It is a multicentric research project for 3 years. Dr.

Meena Gupta is the Principal Investigator and Prof. Thelma BK, Department of Genetics, University of Delhi is the project Co-ordinator

- Prevalence of epilepsy and factors responsible for treatment gap in north east district of NCT of Delhi - The project is funded by Indian Epilepsy Association. Principal Investigator Dr. Meena Gupta.
- Pharmacogenomics of first line anti epileptic drugs (AEDs) in collaboration with Institute of Genomics & Integrative Biology (IGIB) and The Centre for Genomic Application (TCGA). The project is funded by CSIR. Professor M Gourie Devi is the Principal Investigator. Co-investigators from IHBAS are Professor Meena Gupta, Dr. Kiran Bala and Dr. Sangeeta Sharma.
- Epilepsy and psychosis- clinical profile and effect of co-morbidity.
- Psychogenic seizure-clinical profile and psychopathology.
- To evaluate the safety & efficacy of Aricep in Patients with Dementia due to Mild to Moderate Alzheimer's Disease. It is an open labeled and non-comparative study. It is sponsored by Eisai. Principal investigator is Dr. Meena Gupta. Total duration of the project is one year. Total number of patients included in the study are 20.
- To evaluate the safety & efficacy of Aricep in Patients with Vascular Dementia. . It is an open labeled and non-comparative study. It is sponsored by Eisai. Principal investigator is Dr. Suman S. Kushwaha. Total duration of the project is one year. Total number of patients included in the study are 20.

Organization of Symposium/Public Programme/ Talks

- **Epilepsy Day** celebration on November 23, 2006 organized by the department of Neurology. A Public Awareness program was organized to update knowledge about epilepsy. Sports and painting competition were organized for the children suffering from epilepsy.
- **Dementia Awareness program:** On the occasion of World Alzheimer's day, 21st September 2006, the department had organized CME on dementia and public awareness program. CME on dementia was attended by the General Practitioners. Various aspects of dementia including clinical, pharmacological, social and psychological were discussed by experts on dementia. Public awareness programme was also organized for community, dementia and their care givers. Open discussions related to the problems faced by the patients and care givers were held which was well attended by the representatives of community. A brochure containing the basic information of dementia was also released to mark the centenary celebration of Alzheimer's Disease.

Symposia /Workshops/ Conference/ Training/ CME

Dr Meena Gupta

1. Paper presented on "Stroke in Young-Clinical Profile" at 14th Annual Conference of IAN & 7th Annual Conference of India Epilepsy Association & Indian Academy of Neurology, Bangalore; from 6th - 8th October, 2006.
2. Paper presented on "Knowledge, attitude and perception (KAP) amongst parents of Children with Epilepsy" at 14th Annual Conference of IAN & 7th Annual Conference of India Epilepsy Association & Indian Academy of Neurology, Bangalore; from 6th - 8th October, 2006.
3. 6th Asian & Oceanian Epilepsy Congress held at Kuala Lumpur, Malaysia, November 15-18, 2006.
4. Session chaired in 4th Asia Pacific Conference against Stroke (APCAS 2007). 30th - 1st April, 2007 at India Habitat Centre, Lodhi Road. New Delhi.
5. Session chaired in Current Trends in Epilepsy: An international Symposium, 3rd - 5th November, 2006 at India Habitat Centre, New Delhi.
6. XIV Annual Conference of Indian Academy of Neurology (IANCON 2006), 6th - 8th October, 2006 at Convention centre, NIMHANS, Bangalore.
7. 7th Joint Annual Conference of Indian Epilepsy Association and Indian Epilepsy Society (ECON 2006), 5th - 6th October, 2006 at Bangalore.
8. Neurogenetics - Delhi Critical Care 2006 organized by MAMC, New Delhi, September 23-24, 2006.
9. Medical Symposium on "Behavioural Modification for the Prevention of Non-communicable Diseases" held at North Eastern Indira Gandhi Regional Institute of Health & Medical Sciences (NEIGRIHMS), Shillong, September 26, 2006.
10. 7th Joint Annual Conference of Indian Epilepsy Association and 14th Annual Conference of Indian Academy of Neurology (IANCON 2006) held at NIMHANS, Bangalore, October 5-6, 2006.
11. Conference on Status Epilepticus at AIIMS on November 4, 2006.
12. International Symposium on Epilepsy - Indo-Pak Neuroscience Colloquium held at PGIMER, Chandigarh, February 11-12, 2007.
13. Workshop on Nerve Muscle Disorders at GB Pant Hospital, New Delhi on February 25, 2007.
14. 4th Asia Pacific Conference against Stroke (APCAS 2007) jointly organized by Pakistan, Bangladesh, Sri Lanka and India held at India Habitat Centre, New Delhi, March 30-31, 2007.

Dr Kiran Bala

1. 7th Joint Annual Conference of Indian Epilepsy Association and Indian Epilepsy Society held at Bangalore, October, 5-6, 2006.
2. XIV Annual Conference of Indian Academy of Neurology (IANCON 2006) held at Convention Centre, NIMHANS, Bangalore, October 6-8, 2006.
3. Current Trends in Epilepsy: An international Symposium held at India Habitat Centre, New Delhi, November 3-5, 2006.

4. 6th Asian Oceanian Epilepsy Congress (AOEC 2006) held at Convention Centre of KLCC in Kuala Lumpur Malaysia, November 15-19, 2006.
5. 4th Asia Pacific Conference against Stroke (APCAS 2007) held at India Habitat Centre, Lodhi Road, New Delhi, March 30 & April 1, 2007.

Dr Suman Kushwaha

1. Current Trends in Epilepsy: An international Symposium held at India Habitat Centre, New Delhi, November 3-5, 2006.
2. International Conference on 'Neurology and Rehabilitation ICNR-2007' held at India Habitat Centre, New Delhi, March 30 & April 1, 2007.
3. 4th Asia Pacific Conference against Stroke (APCAS 2007) held at India Habitat Centre, Lodhi Road, New Delhi, March 30 & April 1, 2007.
4. Workshop on Nerve Muscle Disorders at GB Pant Hospital, New Delhi on February 25, 2007.

Dr VN Mishra

1. Clinical Update on Therapeutics of Epilepsy, 2006.
2. International workshop on Neuromuscular Disorders, 2007.
3. Invited for delivering lecture at Neurologica, 2006 at Kuala Lumpur in December 2006 for delivering a presentation.
4. Qualified Unified Parkinson's Rating Scale conducted by UCB at Vienna, January 2007.

Special grants/assistance/ Honours/distinctions received

- Dr V N Mishra was awarded Satguru Sewa Award at Chitrakoot in June 2006.

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

1. Pradhan S, Yadav R, Maurya PK, Mishra VN. Focal myelomalacia and syrinx formation after accidental Intramedullary lidocaine injection during lumbar anesthesia: a report of 3 cases. J Neurol Sci. 2006; Dec 21;251(1-2):70-2.
2. Pradhan S, Yadav R, Mishra VN. Toxoplasma meningoencephalitis in HIV-seronegative patients: clinical patterns, imaging features and treatment outcome. Trans R Soc Trop Med Hyg. 2007; 101(1):25-33.
3. Misra UK, Kalita J, Mishra VN, Phadke RV, Hadique A. Effect of neck flexion on F wave, somatosensory evoked potentials, and magnetic resonance imaging in Hirayama disease. J Neurol Neurosurg Psychiatry. 2006; 77(5):695-8.
4. Sangeeta Sharma, Sukriti Joshi, Suman Khushwaha, Kiran Bala. Quackery Masquerading as Complementary and Alternative Medicine (CAM) in Patients with Epilepsy. Complementary Health Practice Review 2007; 12; 139-143.

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 child guidance services, counseling in the area of marital discord, early detection, evaluation and intervention for the children with Mental Retardation, Autism, Learning Disability and rehabilitation services to the persons with severe mental illness.

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, psychosexual clinic, neuro behaviour clinic and epilepsy clinic. Total 12218 sessions were conducted in the current year (Psychodiagnostics - 1380, Psychotherapeutic - 8235, IQ Assessment - 2603).

Teaching and Training

A two-year full-term supervised clinical training programme, leading to M.Phil. Degree in Clinical Psychology was introduced in the year 2004 under Faculty of Medical Sciences, University of Delhi. Final examination of first batch was held in October 2006 and first batch of M.Phil. clinical Psychology P.G.Scholars Successfully completed their training and passed out (Total 11 ,1 drop out) as qualified Clinical Psychologists. The third batch (12) of M.Phil. Clinical Psychology P.G.Scholars(sessions 2006-2008) were admitted in the month of October,2006.

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.

I.Q. Certification of Persons with Mental Retardation : This service of IQ Certification commenced in the month of April 2006 by the institute considering the urgent need of certification which helps the persons with mental retardation in admission to special school for availing concession and facilities like income tax benefits to the caregivers, concession in railway & road transport charges. Earlier process of certification used to be markedly delayed, causing inconvenience to the clients attending our OPD & MR Clinic. Clinical Psychologist is an authorized professional to certify IQ by Ministry of Social Justice & Empowerment, Government of India. This does not relate to disability certification.

Disability certificate with regard to mental retardation (whenever required) is issued by a Medical Board constituted by the institute as per the orders of Government of NCT of Delhi.

Organization of symposium/Public Programmes/Talks

Workshop Organized

1. National Workshop on 'Recent Trends in Behavioural Medicine'; on 23-24 September, 2006.

Dissertation submitted based on their research work by first batch of M.Phil. Clinical Psychology P.G. Scholars under supervision (2004-2006 batch):

1. 'Focused Attention, Executive Function and Verbal Learning & Memory among Children with ADHD and Emotional Disorders' by Anand P. Singh. Supervisors: Dr. Vibha Sharma, Dr. Deepak Kumar, Dr. C.B. Tripathi
2. 'Psychosocial Correlates among Patients with Tension headache' by Lovleen Kaur. Supervisors: Dr. Vibha Sharma, Dr. Suman Kushwaha, Dr. C.B. Tripathi
3. 'Temperamental and Psychological Characteristics of Children with Dissociative Disorder in relation to their Family Environment and Family pathology' by Archana Sharma. Supervisors: Dr. Vibha Sharma, Dr. Meena Gupta
4. A Cross-Sectional Study of Cognitive Deficits in Bipolar Affective Disorder by Ashima Bhasin. Supervisors: Dr. Vibha Sharma, Dr. Somnath Sengupta
5. 'A Qualitative Study of Patterns of Emotional Disturbances in Adolescents and Environmental Associated Stressors' by Smriti Sawhney. Supervisors: Dr. Uday Kumar Sinha, Dr. Vibha Sharma
6. 'Disability and Quality of Life in Patients with Obsessive Compulsive Disorder' by Owais A. Farooqui. Supervisors: Dr. T.B. Singh, Dr. Rajesh Kumar
7. 'To study the Self Explanatory Model of Dissociative Disorder' by Ritu Wadhawan. Supervisors: Dr. Uday Kumar Sinha, Dr. Somnath Sengupta
8. 'Hospital Based Cross-Sectional Study of Caregivers Burden in Chronic Schizophrenia' by: Anita Walia. Supervisors: Dr. T.B. Singh, Dr. Rupali Shivalkar, Dr. C.B. Tripathi
9. 'Emotional Processing and Adjustment Patterns in Depression' by Swati Kedia. Supervisors: Dr. Uday Kumar Sinha, Dr. Deepak Kumar

10. 'Cognitive Impairment in Elderly Depressive Individuals' by Dr. Randeep Rajkumar. Supervisors: Dr. Uday Kumar Sinha, Dr. Rajesh Kumar
11. 'A study of Patterns of Interpersonal Relations and Expressed Emotions within Families of Persons with Schizophrenia' by Pratibha Miglani. Supervisors: Dr. Rupali Shivalkar, Dr. C.B. Tripathi

Symposia/ Workshops/ Conference/ Training/ CME

Dr. T.B. Singh

1. Invited to chair the Psycho Award session of Annual Conference of Indian Association of Clinical Psychologists, 7th - 9th Jan, 2007.
2. Invited to deliver Keynote address in the valedictory session of 11th International and 42nd National Conference of 'Indian Association of Applied Psychology' at Jamia Milia Islamia, New Delhi on 15th - 17th Feb, 2007.
3. First France-India meet on Psychiatry, Psycho-analysis and Psycho-therapy and delivered a lecture on 'Violence and Society: Indian Perspective' on 28th February, 2007.

As Resource Person in

1. National Seminar on Yoga Therapy for Psychiatric and Neurological disorders and delivered a lecture on 'Yoga and Mental Health' on 2nd March, 2007.
2. Faculty Enrichment Programme of UGC and delivered keynote address on Applications of Neuro-psychology and delivered a lecture on 'Thematic apperception test as a diagnostic tool' on 25th March, 2007 at R.G.P.G. college, Meerut.
3. CME on Dementia and delivered a lecture on Psychological Problems in Dementia on 16th September, 2006 at IHBAS, Delhi.
4. International Conference on Neurology and Rehabilitation at New Delhi on 9th & 10th March, 2007.
5. Participated as invited expert by Planning Commission in the meeting of Steering-committee on the social welfare & other special groups on 5th October, 2006 at Yojna Bhawan, Delhi.

Dr. Uday K. Sinha

As Resource Person in

1. Workshop on Recent Advances in Clinical Psychology held at IHBAS, Delhi in January 2006.
2. Workshop on 'Research Ethics in Clinical Psychology Research' held at Jaipur on 5th Feb 2006 during Annual National Conference of Indian Association of Clinical Psychologists.
3. Panel discussion on 'Stress among university students and its management,

- held at Jawaharlal Nehru University, Delhi on 24th Feb. 2006.
4. Seminar on 'Life skills training for adolescents and adolescent sexuality' at Nur Manzil Psychiatric Centre, Lucknow on 2nd and 3rd Dec. 2006.
 5. Panel discussion on 'Crime against children' on 2nd Feb 2007 at Amity Institute of Behavioral Health and Allied Sciences, Noida.
 6. Workshop on 'Usefulness of Biofeedback' at RG Post Graduate College, Meerut on 26th March 2007.
 7. Delivered lecture on 'Psychological aspects of medical illnesses' in Mental Health Training Program for General Physicians, held at IHBAS in the month of April 2007.
 8. National Health Summit organized by ASSOCHAM, India and Ministry of Health & Family Welfare, Govt. of India on 20th April 2007.
 9. Delivered a lecture as a guest speaker in the 'Orientation and Skill Enhancement Workshop for the Counselors organized by Delhi State AIDS Control Society at JNU Delhi on 31st August 2006.
 10. Workshop for school teachers on 'School Mental Health' organized by MANAS & IHBAS on 8th Oct. 2006 at Hotel Ashoka, Delhi during mental health awareness program.

Dr. Vibha Sharma

As Resource Person in

1. 33rd National Annual Conference of Indian Association of Clinical Psychology, at Salem, during January, 07-09, 2007.
2. National Institute of Public Co-operation and Child Development to deliver a talk on "Pre-Counseling Assessment and Referral Management" in a training programme on Counseling of Child Survivors of Trafficking, on Jan. 17th & Feb. 14th, 2007.
3. Seminar on Therapeutic Communities at AIBHAS, Noida on January, 24th 2007.
4. National Seminar on Yoga Therapy in Psychiatric and Neurological Disorders, at NIMHANS, Bangalore, on Feb. 02nd 2007.
5. National Seminar on Yoga Therapy in Psychiatric and Neurological Disorders, at Morarji Desai Institute of Yoga, New Delhi on March, 02nd, 2007.
6. Workshop on Pre-Marital Counselling at Family Counselling Centre, All India Women's Conference, New Delhi, on March, 23rd 2007.
7. 11th International & 42nd National Conference of Indian Association of Applied Psychology at Jamia Millia Islamia, New Delhi, during Feb. 15th -17th, 2007.
8. "Current status and Future Challenges in Psycho diagnostic Assessments" presented in National Conference on Mental Health Challenges 2020: A Vision for Future, at AIBHAS, Noida on August, 03-04, 2006.
9. National Annual Conference of Delhi Psychiatric Society, at Mussorie, during Dec. 08-10, 2006.
10. 1st France-India Meet on Psychiatry, Psychoanalysis & Psychotherapy, organized by D.P.S. & Psychiatres-Du Monde at New Delhi from Feb. 28th - March, 02nd, 2007.

11. International Congress on Neurology and Rehabilitation, at New Delhi on March 09th-10th, 2007.

Gauri Shanker Kaloiya

1. XXXIII National Annual Conference of Indian Association of Clinical Psychologists and presented a paper on 'Symptom Presentation in Obsessive-Compulsive Disorder' held at Sona School of Business, Salem, January 7th - 9th 2007.
2. International Congress of Neurology & Rehabilitation and presented a poster on 'Cognitive Retraining & its Efficacy in Head Injury' at IHC, New Delhi, March 9th-10th, 2007.
3. UGC sponsored workshop on Gender issues in Psychology, organized by Andhra University at Visakhapatnam on November 6th -12th, 2006.
4. Workshop on Care & Management of Multiple Sclerosis, organized by MS Society of India & UK held at Delhi, February 13th- 14th, 2007.

Mr. Jagdish Sadiza

1. Seminar on 'National Seminar on Yoga Therapy for Psychiatric And Neurological Disorders' held at Morarji Desai National Institute of Yoga, New Delhi on March 2nd 2007.
2. 11th International and 42nd National Conference of IAAP and presented research paper on 'Homosexual identity formation, psychological well being and clinical characteristics of men complaining sexual dysfunctions' held at Jamia Milia Islamia, New Delhi.
3. Mental Health Awareness Campaign: Rendered psychological services to the community people of various states of India at Delhi Haat, New Delhi on Oct.8th, 2006.

As a Resource Person in

1. 'Continuing Rehabilitation Education Programme (CRE)' organized by Teachers Training Institute for Social Education and gave lecture on 'Behavioural Management of Sexual Needs of Mentally Challenged Target population : Psychologists, Rehab.Officers, Sp. Educators and Counsellors at Okhla, New Delhi on Feb 14th, 2007.
2. 'Continuing Rehabilitation Education Programme (CRE)' organized by Air Force Golden Jubilee Institute and gave a lecture on Behavioural Modification of M.R. Children in an Inclusive setup. Target population : Psychologists, Rehab.Officers, Sp. Educators and Counsellors at New Delhi on March 23rd 2007.

As an Expert in

1. Talk on Vridhavstha Ki Mansic Samasyaain (Mental problems of Geriatrics) in All India Radio, New Delhi, on 5th December 2006.
2. Doordarshan National Channel programme 'Live Evening Show', theme: Women and Stress, a helpline cum interview programme, live telecast on 8th December 2006.

Ruchi Verma

1. Invited as Expert for the two day workshop for revision of the Curriculum of Advanced Diploma in Counselling and Child Guidance, at NIPCCD, New Delhi on May 30th - 31st, 2006.

As a Resource Person in

1. DMHP outreach programme on 26.08.2006 at their camp in Nand Nagri.
2. Mental Health Week celebration s at Dilli Haat on 08.01.2006.
3. Conference on 'Recent Developments in Clinical Psychology' organized by Amity University, Noida on Aug. 4th, 2006.
4. Workshop on 'Recent trends in Behavioural Medicine' organized at IHBAS, Delhi on Sept. 23 & 24, 2006.

Special grants/assistance/ Honours/distinctions received

Dr. Vibha Sharma received 11th H. P. Bhargava Memorial Professional Involvement Award, awarded by Psycho-linguistic Association of India.

Mr Jagdish Sazdia was nominated as professional member in Kendriya Vidyalaya, Sector 25 Rohini, New Delhi and Kendriya Vidyalaya No.2, Air Force Station, HINDAN, Ghaziabad to render services as a Mental Health Professional.

Research Publications (Books/Monographs/Chapters in Books/Research)**Dr. T.B. Singh**

1. Kaloiya G.S, Grover N & Singh T.B (2006): Process of accommodation in obsessive compulsive disorders, psychological studies, 51, 4, 326-328.

Dr. U K Sinha

1. Book review of Child Development by Dr. A. Puri in the Journal of Human Behavior & Mental Health.
2. 'Non-pharmacological management of Alzheimer's disease' as a co-author in the Journal of Personality & Clinical Studies.

Dr. Vibha Sharma

1. "Heavy Metal Toxicity and Mental Health", published in Amity Journal of Behavioural and Forensic Sciences, Vol.2, No.1, pp-17-27, May-June, 2006.
2. "Motivational Patterns of Youth Drug Abusers", published in J. of Community Guidance and Research, Vol.23, No.3, pp-324-337, Nov, 2006.

PSYCHIATRIC SOCIAL WORK (PSW)

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 individuals 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

In the year under report, 5897 persons availed themselves of case work intervention, around 2612 persons availed themselves of Group work treatment, and nearly 3760 family members were provided counseling. A total of 49 Home visits and 68 Court visits were carried out as part of the comprehensive treatment for mentally ill. 636 patients with Epilepsy and their families, 193 persons with dementia and their families were provided support and counseling through family group meetings.

Recently, the department has also started a "Schizophrenia Support Groups" for family members of patients to look into the stress and burden of the care givers and offers them support through group interventions.

The department is also involved in improving the quality of life of patients with neurological and psychiatric disorders and also their families. As part of this

endeavour, picnics are being organized for the long stay patients of the Institute. In order to break the monotony of the ward activities and daily routine, patients are also treated to an "Eating Out" special lunch once a month during winter and Special Dinner during summer.

For children suffering from neurological problems like Epilepsy, sports and painting competitions were being organized and coordinated by the department in collaboration with the department of Neurology. A small cultural programme was organized wherein the children perform and are later distributed sweets and prizes.

Teaching and Training

The department also provides Field Work and Block Placement training to Postgraduate and Graduate students of Social Work from various Institutes or Universities all over India. Nearly 25 students have undergone their training in the Department for the year 2006-2007.

- Ms. Saswati Chakarborti delivered lecture on 'Family interventions for mentally ill persons' for M.Sc. Nursing students of AllMS in Feb 2007.
- Ms. Sushma Kumari delivered lecture on 'Family Psychoeducation' for W.H.O. Sponsored delegates from Maldives, on 24th June 2006.
- Ms. Sampa Sinha delivered lecture on 'NGO based rehabilitation for mentally ill patients' for W.H.O. Sponsored delegates from Maldives, on 26th June 2006.
- Mr. Pravin B. Yannawar delivered several lectures to the nursing students visiting the Institute for their training and gave orientation lecture to the students who had visited as part of their study tour from several Social Work Institutes from different parts of India like Kerala, Madhya Pradesh, Maharashtra and Tamil Nadu during 2006-07.
- Ms. Sampa Sinha was awarded the Ph.D Degree by Ranchi University for her thesis on 'Living with schizophrenia and mania: viewing the caregivers' quality of life in relation to their distress and other psychosocial variables'.

Symposia/Conferences/Workshops/CME

Dr. Jahanara M. Gajendragad

1. 3rd National Seminar on Social Work and HIV/AIDS organized by IGNOU from 12th - 14th October, 2006 at The American Centre, New Delhi.
2. First India Disaster Management Congress held at Vigyan Bhavan, New Delhi from 29th - 30th November, 2006.
3. Resource person for conducting the CME session on "Family Interventions in Addiction" in the Annual National Conference of Indian Society of Psychiatric Nurses to be held in Ludhiana from 3rd - 5th March, 2007.
4. National Seminar organized by National Commission for Women, in collaboration with IHBAS on "Mentally ill women: Is destitution the only answer?" on 8th and 9th March, 2007 as part of the International Women's Day.
5. Conducted sessions on "Skills in General Counselling" at the two National

Workshops on Orientation and Skill Enhancement in HIV/AIDS Counselling for CISF personnel held from 12th to 14th February, 2007 and 19th to 21st February, 2007.

6. Nominated as a member of the Steering Group on Psycho Social Support and Mental Health Services of the National Disaster Management Authority.

Mr. Pravin B. Yannawar

1. As a Resource Person in the "Workshop on Qualitative Research Methodology", held at RIMS, Imphal during 5th to 6th May, 2006.
2. "2nd International Conference of Schizophrenia of SCARF" and presented a paper on "Perception of Stigma and Social Support among caregivers of persons with Schizophrenia", in the held at Chennai during 13th to 15th October 2006.

Ms. Sangeeta Kumari

1. 2nd International Conference on Schizophrenia" and presented a paper on "Rehabilitation of person with mental illness admitted through reception order (Court order) to a tertiary care Government Mental Health Institute- A Social Work Perspective" in the held SCARF, Chennai during 13th to 15th Oct 2006.
2. Co-author in a study on titled "Knowledge Attitude and Perception of caregivers of persons with Epilepsy" paper was presented in "6th Asian & Oceanian Epilepsy Congress, held in Kualalumpur, Malaysia during on 16-19 th Nov. 2006.
3. Co-author in a study on titled "Psychosocial factors among the person with Pseudo-seizures". The paper was presented in 25th IPSW conference held at Shanti Niketan during 8th Dec. to 10th Dec., 2006.
4. Epilepsy Day programme held at IHBAS on 23rd Nov 2006.
5. CME on Alzheimer Disease held at IHBAS on 16th Sep 2006.
6. Dementia awareness programme held at IHBAS on 21st Sep 2006.
7. Mental Health Week in Ansal Plaza organised by IHBAS in Oct 2006.

Mr. Himanshu

1. Silver Jubilee (XXVth) Annual National Conference of Indian Society of Professional Social Workers and presented a paper on "Psychosocial issues in person with pseudoseizure" in the held at Santiniketan, Bolpur, West Bengal from 8th-10th December, 2006.
2. Symposium on Medical, social and legal needs of elderly on 30TH June 06, on 12th Aug'06 and on 8th Sep'06 at IHC organized by Age well NGO.
3. National Workshop on "Current trends in Behavioral Medicine" organized by Dept. of Clinical Psychology, IHBAS on 23rd and 24th Sept, 06.
4. Workshop of child help line organized by DBS, Delhi on 29th march 06

Ms. Sampa Sinha presented a paper on "Perceived Social Support among Family Members of Mentally Ill Patients" in the Silver Jubilee (XXVth) Annual National Conference of Indian Society of Professional Social Workers held at Santiniketan, Bolpur, West Bengal from 8th-10th December, 2006.
in Oct 2006.

Mr. Abdul Arshad Naaz coordinated two National Workshops on "Orientation and Skill Enhancement in HIV/AIDS Counseling" for the CISF medical personnel selected from all over India from 12th to 14th February 2007 and 19th - 21st February, 2007 and was resource person in Group Discussion, Case demonstration, Role play, in all three days in above mentioned two Workshops.

Mr. Himanshu Kr. Singh and **Ms. Sushma Kumari** participated in "CME on Dementia" organized by the Dept. of Neurology (IHBAS) on 16TH Sep06.

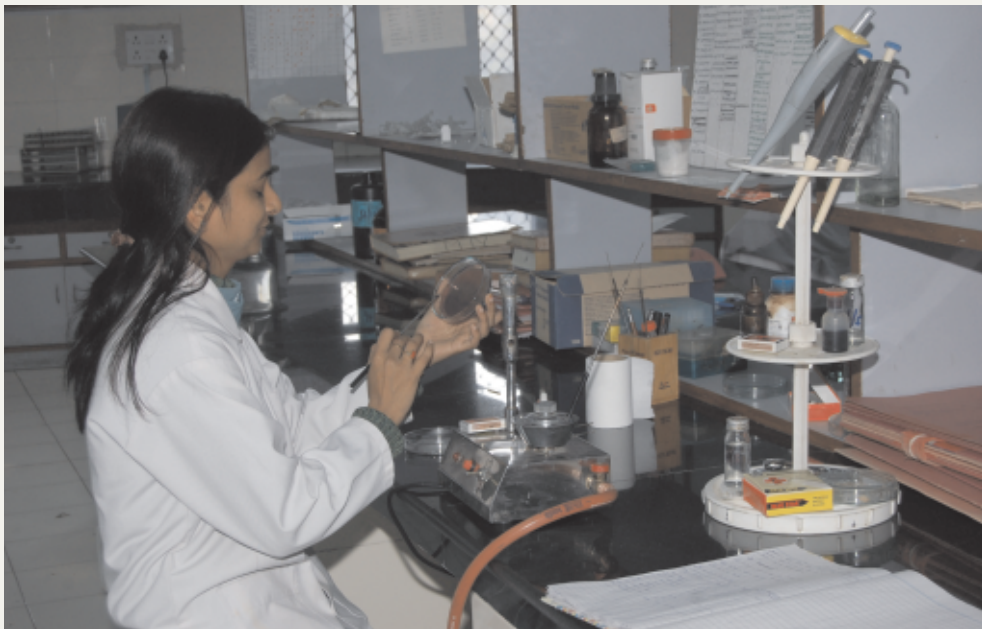
Ms. Saswati Chakraborti, Ms. Sushma Kumari, Ms. Sampa Sinha attended and participated Seminar on "Mentally ill women - Is destitution the only answer?" organized by National Commission for Women in association with IHBAS held in New Delhi from 8th-9th March, 2007.

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

1. Kumari Sushma, Mishra Deepti, Verma A. N, Singh A.R., Chakraborty P.K. Rehabilitation in Chronic Mental Illness. Industrial Psychiatry Journal 2007, 16(1):47-50.
2. Sampa Sinha, Social Support in Schizophrenia: A comparative study between relapsed and remitted patients. Industrial Psychiatry Journal 2006, 15(2):112-115.
3. Chakraborti Saswati, Distress in the family of psychiatric patients: a comparative study between families with Schizophrenia and Bipolar Affective Disorder. Industrial Psychiatry Journal 2006, 15(2): 116-118.



Neurochemistry



Microbiology



Pathology



Neuropsychopharmacology

NEUROCHEMISTRY

The Department is engaged in providing high quality diagnostic laboratory services. To achieve this, the Department has been participating in external quality programme run by the Department of Biochemistry, CMC, Vellore.

Hospital services

The Department extends various biochemical investigations to patients attending IHBAS for treatment. During the year, 72938 tests were done on 9961 patients. 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, acid phosphatase and Thyroid function tests. Specialised investigations performed are ammonia, lactate, copper and screening for aminoacidurias. New investigations introduced this year are urinary copper and ceruloplasmin.

Teaching & Training

The departments are actively participating in the teaching and training of lab staff and senior resident. They are also involved in training af of MLT and B.Sc (Biotechnology) students.

Research

1. To study biomarkers like copper, vitamin B12 and folic acid including genetic markers of dementia for early diagnosis of Alzheimer's disease.

Symposia/Workshops/Conferences/Training/CME

Dr. Neelam Chhillar

1. Training in Molecular Biology Techniques, INMAS, Delhi, Oct. 2006.

Dr. Rachna Agarwal

1. Ist National conference on Neurogenetics organised by the department of Paediatrics at Maulana Azad Medical College, New Delhi, Sept. 23- 24 1, 2006.
2. Alzheimer Centenary organized by Centenary Commemoration of Alzheimer's Disease & 12th Annual Conference of Alzheimer's and related Disorders Society of India at AIIMS, New Delhi, Nov. 9-11, 2006.
3. International Workshop on Ethical issues and Genetic Counseling in Mental Illness organized by Training Program in Psychiatric Genetics in India, Department of Psychiatry, Dr. Ram Manohar Lohia Hospital, New Delhi, Dec. 16- 17, 2006.
4. NABL Assessor' s training course organized by National Accreditation Board for Testing & Calibration Laboratories at National Institute of Standardisation, NOIDA, Oct. 16-20, 2006.

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

1. Agarwal R, Kushwaha S & Gupta M (2006). Role of Biomarkers in diagnosis of Alzheimer's disease. Indian J of Medical Biochemistry. 10(1): 25-30.

MICROBIOLOGY

The department focuses at providing quality diagnostic patient care services coupled with Continuous Quality Improvement in order to meet all diagnostic needs of the institute for a variety of neuropathogens.

Hospital Services

A total of 5096 microbiological investigations were carried out in the department of Microbiology during the year 2006-2007. The various diagnostic tests consisted of direct demonstration techniques, bacteriological cultures, identification for bacteria and their antimicrobial susceptibility testing in body fluids such as urine, blood, CSF, pus, sputum, transudates and exudates. Culture for *M. tuberculosis* was also performed for diagnosis of CNS, pulmonary and extrapulmonary tuberculosis. The immunological and serological tests consisted of test for rheumatoid factor (RF), Antistreptolysin-O (ASO), C-reactive proteins (CRP), Widal test, tests for syphilis (RPR & TPHA), test for *Plasmodium falciparum* antigen detection, antigen detection for *Cryptococcus neoformans* and ELISAs for antibodies to *T. solium*, antibodies to HCV, anti dsDNA antibodies and HBsAg detection. Neuropsychiatric patients were also tested for presence of HIV I & II antibodies by ELISA. Western blot was also performed not only as the confirmatory test but also to resolve the indeterminate results in HIV diagnostics.

Dr. Rajeev Thakur has been actively involved in planning, designing and organization of various diagnostic laboratories in the designated block of upcoming new building of IHBAS with special emphasis on starting BACTEC facility for early diagnosis of Tubercular meningitis along with antitubercular drug susceptibility testing and designing and organization of molecular biology laboratory.

The department has been regularly participating in External Quality Assurance programme (EQA) of Microbial In vitro Sensitivity Testing (MIST) network under Indian society of Antimicrobial Chemotherapy as quality check on diagnostic services as well as for the continuous quality improvement..

The department had been instrumental in customizing and implementing the biomedical waste management (BWM) at IHBAS. Dr. Rajeev Thakur being the nodal officer for BWM, continued to coordinate and supervise the various modalities for its management from waste minimization to its proper segregation, transport and treatment. Special emphasis was also given on training of doctors, nurses and paramedical staff on various aspects of BWM.

The department took part in infection control programme of the hospital by doing periodic environmental sampling of ICU, of equipments/instruments in the ICU and of medical and paramedical personnel in ICU. Simultaneous teaching and training activities were also carried out for prevention and control of hospital-acquired infections.

Teaching and training

The department actively participated in teaching and training programme for resident doctors, DNB students, nurses and laboratory staff. Dr. Rajeev Thakur participated in Reorientation cum counseling Skill Enhancement Programme of Delhi State AIDS Control Society and IHBAS as an invited resource person. In addition the department carried out teaching and training activities in BWM and prevention and control of hospital acquired infections.

Research

1. Detection of Extended Spectrum Beta Lactamase (ESBL) producing Esch. coli and its antimicrobial susceptibility pattern in urinary isolates.
2. Prevalence of HIV and associated cryptococcal CNS infection in patients of meningitis/meningoencephalitis.

Symposia/Workshops/Conferences/Training/CME

Dr. Rajeev Thakur

1. Pre conference workshop on 'Real time PCR for HIV viral load monitoring' and International Conference on Opportunistic Pathogens in AIDS (ICOPA-INDIA), March 27-29, 2006 at All India Institute of Medical Sciences (AIIMS), New Delhi.
2. INDO-US Symposium on Viral diagnostics, Epidemiology and Pathogenesis and 7th Asia-Pacific Congress of Medical Virology, November 11-15, 2006 at India Habitat Center, New Delhi.
3. Quarterly meets of Delhi Chapters of Indian Association of Medical Microbiologists (IAMM) and Hospital Infection Society of India (HISI) during the year.

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

1. Sujata Chaturvedi, Preety Raheja, Rajeev Thakur, Navjeevan Singh, Vinod K Arora, Vaishali Suri, Arati Bhatia. A technically simple method for staining of Acid Fast Bacilli in cytology smears: an evaluation. Australian J Rural Health 2006; 14: 280-83.

PATHOLOGY

The department offers all basic hematological and body fluid analyses. In addition cytology and histopathological facilities are also available. Special diagnostic procedures for neuromuscular disorders and CNS tumours like enzyme and immunohistochemistry are performed.

Due emphasis is given to quality assurance and teaching-training of the laboratory staff. The department is enrolled in the External Quality Assurance Programme in Hematology conducted by AIIMS. Regular tutorials and hands-on training is provided to the technical staff.

Hospital Services

During the year, 24140 investigations were conducted on 12479 samples. 150 samples were also received on a referral basis. The diagnostic facilities provided include routine hemogram with ESR, peripheral smear examination, reticulocyte count, absolute eosinophil count, blood grouping, LE cell phenomenon, bleeding time/clotting time, prothrombin time, bone marrow aspirate examination, iron binding capacity, hemoglobin F, serum iron, fine needle aspiration cytology, cervicovaginal pap smear, urine (routine and microscopy), pregnancy test in urine, urine for porphobilinogen and histopathology. Procedures started were: frozen sectioning, formalin - fixed paraffin embedded tissue sections, enzyme histochemistry and immunohistochemistry.

Teaching and Training

Department pursues teaching and training of lab staff and senior residents posted.

Symposia/Workshops/Conference/Training/CME

Dr. Sujata Chaturvedi

1. 1st National Conference on Neurogenetics held at MAMC, New Delhi, Sept 23-24, 2006.
2. Summer School of Myology, Institute of Myology, Hospital de La Salpetriere, Paris, June 14-23, 2006.
3. 59th National Teacher's Training Course on "Educational Science Technology" for Medical Teachers held at Maulana Azad Medical College, New Delhi, March 12-21, 2007.
4. 21st Annual Conference of Indian Association of Pathologists and Microbiologists (Delhi Chapter) held at New Delhi, April 16, 2006.
5. Chaturvedi S, Suri V, Pant I, Kanodia AK, Dua R. High grade circumscribed astrocytomas: report of two cases. In: 21st Annual Conference of Indian Association of Pathologists and Microbiologists (Delhi Chapter), New Delhi, 16 Apr 2006.
6. Pant I, Chaturvedi S, Kanodia AK, Dua R. Intra axial cerebellar dermoid cyst:

case report and review of literature. In: 21st Annual Conference of Indian Association of Pathologists and Microbiologists (Delhi Chapter), New Delhi, 16 Apr 2006.

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

1. Chaturvedi S, Gupta Sanjeev, Singhal Shweta, Kumari Rima. Medullomyoblastoma with calcification: a case report. Neuropathology. In Press 2007.
2. Chaturvedi S, Raheja P, Thakur R, Singh N, Arora VK, Suri V, Bhatia A. 2006. A technically simple method for staining of acid fast bacilli in cytology smears: an evaluation. Australian J Rural Health. 14: 280-283.
3. Chaturvedi S, Suri V, Pant I, Rusia U. 2006. Blood collection procedure in hematology: knowledge and practice. Indian J Pathol and Microbiol. 49: 381-84.
4. Suri V, Chaturvedi S, Pant I, Dua R, Dua S. 2006. Application of domestic microwave for urgent histopathology reporting: an evaluation. Indian J Pathol and Microbiol. 49: 348-51.
5. Pant I, Suri V, Chaturvedi S, Dua R, Kanodia AK. 2006. Ganglioglioma of optic chiasma: case report and review of literature. Child's Nervous System. 23: 1-4.
6. Suri V, Chaturvedi S, Pant I, Dua R, Kanodia AK. 2006. Superficially located medulloblastoma mimicking meningioma: case report. Indian J Pathol and Microbiol. 49: 314-15.
7. Pant I, Chaturvedi S, Suri V, Dua R. 2007. Choroid Plexus Papilloma with Cytologic differential diagnosis: a case report. J Cytol. 24: 89-91.

NEUROPSYCHOPHARMACOLOGY

Neuropsychopharmacology department has the state-of-the-art facility for therapeutic drug monitoring viz. phenytoin, carbamazepine, valproic acid and phenobarbitone, etc., which is especially important to identify drug interaction, toxicity and treat seizures in patients suffering from epilepsy. It is also equipped with latest instruments viz. High-Pressure Liquid Chromatography with UV and EC detector, automated analyzer and electrolyte analyzer besides other basic equipments.

Hospital Services

The department continues to provide regular therapeutic drug monitoring services for commonly used drugs such as lithium and antiepileptic drugs namely carbamazepine, phenytoin, valproic acid, phenobarbitone, and homocysteine. There was 23% rise in utilization of these services as 6488 tests were done during the year.

Teaching and Training

The Department participated in teaching and training programmes for resident doctors, DNB students, nurses and laboratory staffs.

Research Projects

Pharmacogenomics of first line anti epileptic drugs (AEDs) in collaboration with Institute of Genomics & Integrative Biology (IGIB) and The Centre for Genomic Application (TCGA). The project is funded by CSIR. Professor M Gourie-Devi is the Principal Investigator. Co-investigators from IHBAS are Professor Meena Gupta, Dr. Kiran Bala, Dr. Sangeeta Sharma. The project was started in August 2005. The aims and objectives of the present study are: to study the genetic polymorphism in genes encoding cytochrome P450, other drug metabolizing enzymes (DMEs), transporters and targets of first line AEDs and the influence of gene polymorphism on drug concentration in blood, and clinical response to first line AEDs namely phenytoin, phenobarbitone, carbamazepine, and valproic acid in Indian population. The long-term objective is to find out the potential utility of genotyping for the genes prior to initiation of therapy with these agents. The specific objectives are: to assess the seizure control with first line AEDS - phenytoin, phenobarbitone, carbamazepine and valproic acid; to assess the side-effect profile; to estimate drug levels of AEDs in blood; and to study the known SNPs in selected genes involved in transport and metabolism of the drug.

Symposia/Workshops/Conference/Training/CME

Dr. Sangeeta Sharma

1. Annual Conference of Indian Pharmacological Society and presented a paper on 'A Retrospective study to study the association of plasma homocysteine level with neurological disorders' at, December 21-23, 2006, JAIPUR, INDIA.

2. 35th Annual Meeting of American College of Clinical Pharmacology and presented a paper on 'Therapeutic drug monitoring (TDM): experience in neuropsychiatry practice' held at Massachusetts, AMERICA, September 17-19, 2006.
3. 11th Annual International Meeting and delivered a lecture on 'Medicine prices, availability and affordability in Rajasthan, India' organized by Outcome Research (ISPOR), held at Shanghai China, 2006.
4. International Congress on Neurology and Rehabilitation (ICNR) held at Delhi, March 9-10, 2007.
5. International Workshop on Ethical issues and Genetic Counselling in Mental Illness organized by Training Program in Psychiatric Genetics in India held at Department of Psychiatry, Dr. Ram Manohar Lohia Hospital, New Delhi, December 16-17, 2006.
6. Annual Conference of Indian Pharmacological Society held at Jaipur India, December 21-23, 2006.
7. International Congress on Neurology and Rehabilitation (ICNR) and delivered a lecture on the Newer Treatment Strategies in the Treatment of Neuralgia in held on March 9-10, 2007 at Delhi.

Teaching and training

Dr Sangeeta Sharma

1. Invited lecture "Therapeutic Drug Monitoring: Experience in Neuropsychiatry Practice". organized by Department of Pharmacology, All India Institute of Medical Sciences held on February 2-4, 2007 at New Delhi.
2. Invited lecture "Pharmacogenomics of antiepileptic drugs (AEDs)" Symposium on pharmacogenomics Symposium - 2006 organized by Department of Pharmacology, All India Institute of Medical Sciences and Ranbaxy Research Laboratories held on May 20, 2006 at Gurgaon, Haryana.

State Level Training Programmes for Medical Officers and Senior Consultants Dr Sangeeta Sharma

Resource person for training programme for doctors on

1. "Standard Treatment Protocols" organized by Rajasthan Society for Promotion of Rational Use of Drugs and World Bank, April 13-15, 2007 at Jaipur, Rajasthan.
2. "Standard Treatment Protocols" jointly organized by DSPRUD and Uttaranchal Health and Family Welfare Society held on February 23-25, 2007 at Haldwani, Uttarakhand.
3. "Standard Treatment Protocols" jointly organized by DSPRUD and Uttaranchal Health and Family Welfare Society held on January 23-25, 2007 at Chamoli, Uttarakhand.
4. "Standard Treatment Protocols" jointly organized by DSPRUD and Uttaranchal Health and Family Welfare Society held on January 19-21, 2007 at Srinagar, Uttarakhand.
5. "Dissemination of Essential Drugs List and Standard Treatment Guidelines" jointly organized by Rajasthan Society for Promotion of Rational Use of Drugs

- and Rajasthan Health System Development Project on Jan 13, 2007 at Jaipur, Rajasthan.
6. "Standard Treatment Protocols" jointly organized by DSPRUD and Uttaranchal Health and Family Welfare Society held on November 23-25, 2006 at Haridwar and November 27-29, 2006 at Dehradun.
 7. 'Revision of Essential Drugs List and Standard Treatment Protocols' jointly organized by DSPRUD and Uttaranchal Health and Family Welfare Society held on October 15-16, 2006 at Dehradun.
 8. "Dissemination of Essential Drugs List and Standard Treatment Guidelines" jointly organized by Rajasthan Society for Promotion of Rational Use of Drugs and Rajasthan Health System Development Project on July 15-16, 2006 at Bharatpur, Rajasthan.
 9. Brain storming on the Issues to facilitate Experiments on Large animals for biomedical research in India organized by All India Institute of Medical Sciences and INSA on June 26, 2006 at INSA Auditorium, New Delhi.
 10. "Promotion of Rational Use of Drugs" jointly organized by Bihar Voluntary Health Association on May 27-28, 2006 at Patna.

State Level Training Programmes for Pharmacists

Dr Sangeeta Sharma

Resource person for

1. 'Rational Use of Drugs and Store Management' organized by Family Planning Association of India February 17-19, 2007 at New Delhi.
2. 'Role of Pharmacist in promotion of rational use of Drugs' All India Management Course for Hospital Pharmacist organized by Pharmaceutical Association of India held on January 10, 2007 at St. Stephen Hospital, New Delhi.
3. 'Stock Management' organized by Fortis Hospital held on January 9-10, 2007 at Noida, Uttar Pradesh.
4. 'Promotion of Rational use of Drugs' jointly organized by DSPRUD and Uttaranchal Health and Family Welfare Society held on November 2-4, 2006 at Dehradun, Uttarakhand.
5. 'Role of Pharmacists in Promotion of Rational Use of Drugs' organized by Delhi Pharmacy Council at St. Lawarance Pharmacy College, held on May 13, 2006 at Delhi.

State Level Training Programmes for Nurses

Resource person for training programme for Nurses on "Promotion of Rational Use of Drugs" jointly organized by DSPRUD and Uttaranchal Health and Family Welfare Society held on December 21-22, 2006 at Dehradun, Uttarakhand.

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

1. K.S. Anand, Atul Prasad, M.M. Singh, Sangeeta Sharma, and Kiran Bala. 2006. Botulinum toxin type A in prophylactic treatment of migraine. Am J Therapeutics 13: 183-187.
2. Sangeeta Sharma, Sukriti Joshi, Suman Khushwaha, Kiran Bala. Quackery

Masquerading as Complementary and Alternative Medicine (CAM) in Patients with Epilepsy. Complementary Health Practice Review 2007 (Accepted for publication).

Chapters

Sangeeta Sharma. Clinical Pharmacology of Antiepileptic Drugs. Essentials of Paediatric Neurology, 2007.

Books

1. Standard Treatment Guidelines. Sangeeta Sharma, GR Sethi, GK Sachdev (eds), Jointly published by DSPRUD, BI Publications, New Delhi and Government of Uttarakhand, Special edition, 2007.
2. Uttar Pradesh Standard Treatment Guidelines: A Manual for Clinical Practice. A Chandra, AK Saxena, Y Govil, U Gupta, S Sharma. Published by DSPRUD & CREATE, 2006.
3. Standard Treatment Guidelines. Sangeeta Sharma, GR Sethi, GK Sachdev (eds), Jointly published by DSPRUD, BI Publications, New Delhi and Government of Rajasthan, Special edition, 2006.
4. Drug Store Management: Standard Operating Procedures published in association with Chhattisgarh Basic Health Services Programme (DANIDA), Sangeeta Sharma, Usha Gupta and NK Gurbani (eds), Government of Chhattisgarh, Delhi Society for Promotion of Rational Use of Drugs, and Ane Books, New Delhi, 2006.

NEURORADIOLOGY

Department of Neuroradiology has state of the art machines for Digital X-Ray, Ultrasound, Colour Doppler, and Digital Mobile Angiography. For the last one year there has been an increase with patient in-flow in the department. The Institute has also state of the art 3 Tesla MRI Machines under Bhagidari Scheme which have been performing all the MRI sequences enclosing MR Spectrography and Functional MRIs.

Hospital Services

Radiological Investigations performed during the year were:

- X-ray facilities: Presently, X-rays are being performed on new Shimadzu X-ray machine. During the year, 3882 X-rays have been performed.
- Ultrasound and Color-Doppler: 1702 ultrasound and Doppler examinations have been performed in the calendar year.

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 the teaching of MD students in Psychiatry and senior and junior residents of other streams.

Symposia/Workshops/Conference/Training/CME

Dr Reema Kumari

1. CME on "Clinical Applications of the Newer MR techniques in Neurosciences" on 9th - 11th Feb, 2007 in SGPGIMS, Lucknow.

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

Dr Reema Kumari

1. Chaturvedi S, Gupta Sanjeev, Singhal Shweta, Kumari Rima. Medullomyoblastoma with calcification: a case report. Neuropathology. In Press 2007.

NEUROANAESTHESIOLOGY

The department is actively involved in clinical anaesthesia, academic activities and research related to neuroscience.

Hospital Services

Clinical Activities

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 2006 total 92 patients were seen in PAC.

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 823 patients had undergone such treatment under anesthetic affect during 2006.

Narcoanalysis: This is an interview of a patient under the effect of inj. Thiopentone.

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 modern ICU-ventilators. Many of times help of anaesthetist is required in neurology to put I.V. Line, to perform lumbar punctures, to put Ryle's Tube etc.

Teaching and Training

The department is involved in academic programmes and seminars held in the institute.

Research

Dr Mukul Jain

1. Paper on "anesthetic management of MECT in a pregnant patient" is under process.

Symposia/Workshops/Conference/Training/CME

Dr Mukul Jain

1. Biennial Conference of research Society of Anesthesiology Clinical Pharmacology at Pune on November 10-12, 2006.
2. 8th Annual Conference of Indian Society of Neuroanesthesia & Critical Care at New Delhi, on February 9-11, 2007.
3. 7th South Asian Confederation of Anaesthesiologists at Kathmandu (Nepal).

EPIDEMIOLOGY

Epidemiology department at IHBAS is presently represented by one Assistant 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. which the department is in the process of developing.

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.
- Conducted awareness sessions on Hepatitis prevention in collaboration with the Microbiology department, IHBAS.

Teaching and Training

The department was involved in teaching and training of basic and applied aspects of epidemiology to the students of MD Psychiatry, M Phil Clinical Psychology and research staff in community projects.

Dr Sarbjeet Khurana was one of the Trainer for Qualitative Research Methodology for the research staff of the multicentric (Delhi, Chennai, Lucknow) projects run at IHBAS.

Professional Affiliation

Dr Sarbjeet Khurana was a member of the scientific committee of 'Centenary Commemoration of Alzheimer's disease & 12th Annual Conference of Alzheimer's & related disorders society of India' Nov 9th -16th 2006 at AIIMS, New Delhi.

Research

Dr. Sarbjeet Khurana

As a Co-investigator in the following projects

1. Urban mental health problems and their service needs-A Multicentric ICMR Task Force Project.
2. Mental health service needs and service delivery models in the disaster affected

- population in Gujarat-- a Multicentric ICMR Task Force Project.
3. The Prevalence of epilepsy, factors responsible for treatment gap in epilepsy. Funded by IAE.
 4. Mental health problems & service needs in the Tsunami affected population of coastal Tamilnadu - An ICMR Task Force Project.
 5. NICED-IHBAS-RIMS collaborative study on HIV/AIDS & Drug Abuse in Manipur

Symposia/Workshops/Conference/Training/CME

Dr. Sarbjeet Khurana

1. Workshop on National Strategy for active and healthy ageing and health care of older persons, 14th April -15th April 2006 at AIIMS, New Delhi.
2. International Workshop on Ethical Issues and Genetic Counseling in Mental Illness 16th -17th Dec 2006, RML Hospital, New Delhi.
3. Invited as a Panelist in Panel discussion on 'Awareness Regarding Harm caused by Smoking' on 18 Aug, 2006 at DPS R.K. Puram, New Delhi.

Review Meetings Attended

As Co-investigator:

1. Multicentric ICMR task force project entitled 'Urban mental health problems and their service needs', attended review meeting held at ICMR headquarters, New Delhi, on 5th August 2006.
2. Multicentric ICMR Task Force Project entitled 'Mental health service needs and service delivery models in the disaster affected population in Gujarat'-- attended review meeting held at IHBAS headquarter , on 15th December 2006
3. As Co-investigator of Multicentric ICMR task force project entitled 'Urban mental health problems and their service needs', attended review meeting held at IHBAS headquarters, Delhi, on 27 Feb. 2007.
4. As a co-investigator of Multicentric ICMR Task Force Project entitled 'Mental health service needs and service delivery models in the disaster affected population in Gujarat'-- attended review meeting held at ICMR headquarter, New Delhi on 23rd March 2007

BIostatISTICS

Biostatistics department at IHBAS is presently represented by Dr C.B Tripathi, as Assistant Professor. The main objective of the Department is to provide statistical consultation and service to research workers, and to impart training in biostatistical, computational and research methods as well as apply computer-oriented statistical procedures to analyse data pertaining to mental health and neurosciences.

Teaching and Training

Dr. C.B. Tripathi is involved in teaching to M.D. (Psychiatry) and M.Phil (Clinical Psychology) students. He is helping the MD (Psychiatry) and M. Phil (Clinical Psychology) students in their thesis work. He is also giving his inputs in research projects undertaken by IHBAS. He also supervised four M.Phil. (Clinical Psychology) and one M'D (Psychiatry) thesis.

Professional Affiliation

Dr. C.B. Tripathi is the Statistical consultant of Indian Journal of Psychiatry

Research

Dr. C.B. Tripathi

As Co-investigator in the following projects

1. Urban Mental Health Problem & Service Needs, ICMR multi-centre Task force Project.
2. Suicide Related Behaviour, ICMR Task force Project
3. Mental health service needs and service delivery models in the disaster affected population in Gujarat-- a Multicentric ICMR Task Force Project.

Symposia/Workshops/Conference/Training/CME

Dr CB Tripathi

1. Annual conference of Indian Society of Medical Statistics (ISMS) and presented a paper on 'Risk Factors Associated With Mental Illness: A Community Based Study' held at PSG Institute of Medical Sciences & Research, Coimbatore, Dec. 1-3-2006.
2. Delivered lectures on 'Field Based Research Methodology' to train the research staff of ICMR funded project "Suicide Behaviour" at Christian Medical College, Vellore, Feb. 11-12, 2007.

Review Meetings Attended

As a Co-Investigator of

1. Multi centric ICMR Task Force Project entitled "Suicide Related Behaviour"

attended review meeting held at IHBAS head quarter, Dilshad Garden, Delhi, on May 09, 2006.

2. Multi centric ICMR Task Force Project entitled "Urban Mental Health Problems and Their Service Needs", attended review meeting held at ICMR head quarter, New Delhi, on Aug. 05, 2006.
3. Multi centric ICMR Task Force Project entitled "Mental Health Service Needs and Service Delivery Models in the Disaster Affected Population in Gujarat", attended review meeting held at IHBAS head quarter, Dilshad Garden, Delhi, on Dec. 15, 2006.
4. Multi centric ICMR Task Force Project entitled "Urban Mental Health Problems and Their Service Needs", attended review meeting held at IHBAS head quarter, Dilshad Garden, Delhi, on Feb. 27, 2006.
5. Multi centric ICMR Task Force Project entitled "Mental Health Service Needs and Service Delivery Models in the Disaster Affected Population in Gujarat", attended review meeting held at ICMR head quarter, New Delhi, on Mar. 23, 2006.

Publications

1. Shankar R, Tandon J, Gambhir IS, Tripathi CB, Health Status of Elderly Population In Rural Areas Varanasi District Indian journal of public health 2007, Vol 51, no. 1, page 56-58.
2. Mishra RN, Tripathi CB, Mishra CB, Shukla HS. Duration of postpartum amenorrhoea, short in breast cancer. Indian Journal of Preventive And Social Medicine 2007, Vol. 38 no. 1&2, page 53-56.

MEDICAL ANTHROPOLOGY

Medical Anthropology represents the application of anthropological understanding and methods to issues of health, sickness and suffering of human population. Generally as a sub-discipline within anthropology, medical anthropology in this wide sense extends to the work of biological anthropologists, ethnologists and psychologists and physicians and psychiatrists, nurses and other health professionals. Therefore the Medical Anthropology has emerged as specialized subfield of anthropology which draws upon social, cultural, and biological anthropology to better understand those factors which influence health and well being, the experience and distribution of mental illness, the prevention and treatment of sickness, healing processes, the social relations of therapy management, and the cultural importance and utilization of pluralistic medical systems. As the discipline, 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 between human beings and other species; cultural norms and social institutions; micro and macro politics; and forces of globalization as each of these affects local worlds. As a body of knowledge, it owes a considerable debate to other disciplines which include biomedicine, development and local area studies, psychotherapy and psychoanalysis etc.

There was no faculty member since 2003 in the department to carry forward the academic activities. Dr Ravinder Singh has joined as assistant professor the department in April 2006. He started the following work in collaboration with the Neurology.

- Popular health culture and domestic health care practices for neuro-psychiatric Diseases e.g. Epilepsy and Dementia

In near future the department will focus on following areas

- Local interpretations of bodily processes in Epilepsy Patients
- Perceptions of risk, vulnerability and responsibility for illnesses and health care for neuro-psychiatric diseases
- Culture based neuro-psychiatric patients oriented cost effective quality health care
- Preventative health and harm reduction practices in neuro-psychiatric illnesses
The experience of neuro-psychiatric illnesses and the social relations of sickness
- The range of factors driving health, nutrition and health care for mental diseases
- Ethno medicine, pluralistic healing modalities, and healing processes of neuro-psychiatric illnesses
- The cultural and historical conditions shaping medical practices and policies neuro-psychiatric disorders
- Disease distribution and health disparity for neuro-psychiatric illness

In order to strengthen activities the department has started a process of establishing the linkage with experts available in Delhi for exchange of information of common interest with Department of Anthropology, Delhi University, Centre of Social Medicine and Community Health, JNU; National Institute of Health and Family Welfare, Munirka; Central Health Education and Bureau, Voluntary Health Association of India, Council of Social Development, Delhi; UNICEF, Delhi; ICSSR; Kalawati Saran Children Hospital, Lady Harding Medical College; Department of Community Medicine, MAMC, Delhi and individuals experts available in Delhi. Department is planning to start M.Phil and Ph.D. in Medical anthropology.

Hospital Services

The department of being an integral part of the multidisciplinary team has given the inputs for the management of patients of behavioral disorders and neurological disorders i.e. epilepsy. The department is planning to initiate training programme for the public health awareness on mental illness.

Teaching and Training

Teaching M. Phil. Clinical Psychology students of the Institute and a student Johannes Quack from South Asia Institute-Department of Anthropology, University of Heidelberg, Germany seeking advice for the Ph.D. programme in Medical anthropology.

Dr Ravinder Singh had delivered the lectures in Haryana Institute of Public Administration (HIPA), Sector- 18, Gurgaon, Haryana, National Institute of Public Cooperation and Child Development (NIPCCD), Hauz Khas, New Delhi and Department of Adult Continuing Education and Extension, University of Delhi, Delhi.

In Haryana Institute of Public Administration (HIPA), Sector-18, Gurgaon Haryana following lectures were undertaken:

1. "UN Convention on Child Rights and its implication in the Country" on 19 April, 2006 in the Training course organized for Class I/II officers of Haryana State.
2. "Constitutional Provisions and National Policy for the Children" on 3 August 2006 between 10.00 to 11.15 in the Three Day State Level Training Programme on Juvenile Justice (Care and Protection of Children) Act -2000" organized from 2- 4 August, 2007
3. "UN Convention on Child Rights and its implication in the Country" on 3 August 2006 between 11.45 to 1.00pm in the Three Day State Level Training Programme on Juvenile Justice (Care and Protection of Children) Act -2000" organized from 2-4 August, 2006
4. "Child rights to Family Environment and Alternate care(Art.: 5,18,9-11,19-

- 21,25,27 & Art.39) on 21.8.2006 between 2.00 to 03.15pm in One Week course on "Convention Child Rights and Combating Child Trafficking" organized from 21-25 August, 2006 by the HIPA, Sector-18, Gurgaon, Haryana
5. Child Rights to Survival-Basic Health(Art. 24 & 27) and Rights to Development-Education(Art.28&29)" on 21.8.2006 between 3.45 to 05.00pm in One Week course on "Convention Child Rights and Combating Child Trafficking" organized from 21-25 August, 06 by the HIPA, Sector- 18, Gurgaon, Haryana
 6. "Constitutional Provisions and National Policy for the Children" on 12 October 2006 between 10.00 to 11.15 in the Three Day State Level Training Programme on Juvenile Justice (Care and Protection of Children) Act -2000" organized from 11-13 October, 2006 by the HIPA, Sector- 18, Gurgaon, Haryana
 7. "UN Convention on Child Rights and its implications in the Country" on 12 October 2006 between 11.45 to 1.00pm in the Three Day State Level Training Programme on Juvenile Justice (Care and Protection of Children) Act -2000" organized from 11-13 October, 2006 by the HIPA, Sector- 18, Gurgaon, Haryana
 8. "Constitutional Provisions and National Policy for the Children" on 3 January 2007 between 12.15 to 1.30pm in the Three Day State Level Training Programme on Juvenile Justice (Care and Protection of Children) Act -2000" organized from 3-5 January, 2007
 9. "UN Convention on Child Rights and its implications in the Country" on 3 January 2007 between 2.00 to 3.15 pm in the Three Day State Level Training Programme on Juvenile Justice (Care and Protection of Children) Act -2000" organized from 3-5 January, 2007
 10. "UN Convention on Child Rights and its implications in the Country" on 16 January 2007 between 10.00 to 11.15am in the Three Day State Level Training Programme on Juvenile Justice (Care and Protection of Children) Act -2000" In National Institute of Public Cooperation and Child Development (NIPCCD), Hauz Khas, New Delhi
 11. "Juvenile Justice (Care and Protection of Children) Act -2000" on 3 August 2006 between 9.15 to 10.30am in the National Training Programme on Juvenile Justice (Care and Protection of Children) Act - 2000" organized by National Institute of Public Cooperation and Child Development(NIPCCD), Government of India Hauz Khas, New Delhi-110016
 12. "Counseling skills for Women and Children in Need of care and Protection on 21 February 2007 between 11.15 to 12.30am in the Job Training Programme for CDPOs/ACDPOs organized by National Institute of Public Cooperation and Child Development(NIPCCD), Government of India Hauz Khas, New Delhi-110016

13. "Rights of the Child: Indian Perspective" on 5 June April,2006 in the "Regional Seminar on Child Rights and Skill for counseling" organized from 5 to 9th, June 2006 for the representatives of Northern States by Department of Adult Continuing Education and Extension, University of Delhi, Delhi.

Research

Department has designed and initiated two research project

1. Anthropological Study of Epilepsy specific Beliefs, Attitudes and Behavior in urban Slums and Rural Communities of NCR, Delhi: A pilot study has been initiated by the Department in Collaboration with the Department of Neurology. Data collection in Neurology OPD has been started to determine the prevailing the trend in population attending OPD.
2. Children with Epilepsy: School awareness programme: A school awareness programme for the children had been prepared in collaboration with department of Epidemiology and Neurology. Programme yet to begin to study the prevailing the understanding of epilepsy among the school going population.

Publications

1. Child Rights for Health, Nutrition, Education and Development: in the "One week Course on Juvenile Justice (care and Protection of Children) Act -2000" pages 35-50, from 11 October to 13 October, 2006 organized by Haryana Institute of Public Administration (HIPA),Sector-18, Gurgaon, Haryana
2. Child rights to Family Environment and Alternate family care: The Initiative of Government. Training Compendium for the "One week Course on Juvenile Justice (care and Protection of Children) Act -2000" pages 51- 61, from 11th Oct. to 13 th October,2006 organized by Haryana Institute of Public Administration(HIPA),Sector-18, Gurgaon, Haryana

DRUG ABUSE TREATMENT AND REHABILITATION CENTER (DATRC)

The Center is functioning on a multidisciplinary model for comprehensive patient care, manpower development, rehabilitation and research. It is identified as a model center for drug abuse treatment and matters related to drug abuse for the State of Delhi.

The Center runs OPD clinics twice a week (Wednesday and Friday) and provides specialized services by a multidisciplinary team of psychiatrist, psychologist and social worker and research staff. The OPD services of DATRC are supported with a 20-bedded inpatient unit for providing treatment to the patients needing hospitalization. Treatment delivered includes detoxification as well as comprehensive relapse prevention strategies. There is a dual diagnosis ward meant for patients with other major psychotic illness along with problems of substance dependence.

DATRC Research Areas

The Center has the following ongoing research projects:

- Neuropsychological Rehabilitation of Alcoholic Patients
- HIV seropositivity among patients of opioid dependence.
- Awareness about HIV-related risk behaviour among the patients of opioid dependence.
- Efficacy of naltrexone and clonidine combination for the detoxification of patient with opioid dependence.

LIBRARY AND INFORMATION CENTRE

The Library and Information Center continues to be an essential component of the institute's outstanding research and education mission. The library and information center has now shifted to the new centrally AC building in the Academic Block. It comprises two floors having separate computer Lab with 06 computers on LAN for Internet, on-line access to the users. A separate research area has allocated in the library for the serious readers/faculty members. Library & Information Center continued to serve the medical professionals and caters to the study needs of the faculty members, Doctors, Researchers and students. 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.

Collection and Management

Library has developed an update collection of books, periodicals, annual reports in the field of mental health Neuro & Allied sciences. Library has approx. 8000 volumes comprising books, journals and non-books material in the field of Psychiatry, Neurology, Clinical Psychology and other related fields. The newly acquired documents approx. 325 have been classified catalogued and kept ready for use. Library subscribed approx. 120 scientific journals during the period.

Resource Sharing

Exchange programme were established with different national and international institutions such as National Brain Research Center (NBRC), National Institute on Drug Abuse (NIDA), World Health Organization (WHO), NIMHANS, NML etc. to retrieve update information in related subject fields. Consolidation of Information Technology internet and networking facility with British Council Library (BCL) and DELNET has under taken to facilitate the users.

Automation & Digital Resources

The Library & Information Center provides web-based access of information to over 40 full text journals .LibSys software has been acquired and installed for the automation of library activities. The process for inputting data in LibSYS is under process. Library & Information Centre equipped with modern information technology, continued to serve and disseminate the information to the users effectively by the use of INTERNET, E-mail and Online access.

Library Services

The library continued its efforts to improve services and facilities to support the research, teaching and learning endeavors of faculty, students and staff. It aims to provide easy access to highly quality information and to increase the awareness and availability of services. The following services were made available during the year:

1. INTERNET/Email services
2. Acquisition services

3. Circulation services
4. Reference services
5. Photocopy services
6. Inter Library Loan
7. Press Clipping services

Reference, Consultation & Circulation

The main task of reference service is to connect users with right information. It provides necessary assistance to the users with right information or document of their choice. The library issued 4500 books and other documents to its members during the year. 13101 users visited consulted the library during the period. In addition to members, 2527 readers from different 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 consulted the library during the year. Physical verification of library holdings was also carried out.

Binding Work & Photocopy Service

Back volumes of journals were processed for binding and bound journals technically processed for easy access to the users during the period. Photocopy facilities has contracted out to the private agency on nominal charges to enhance the capability of reprographic services to internal and external users of library.

Symposia/Workshops/Conference/Training/CME

Dr. S. K. Pandey, Lib. & Doc. Officer, IHBAS was deputed to attend the MLAI Conference 2006 held on 9- 11th Dec. 2006 at Chandigarh and awarded G.M. Kumar best paper award for the year 2005

ENGINEERING DEPARTMENT

Engineering Department of the Institute is having its full-fledged setup to cater the infrastructural requirements of the Institute.

The Department is headed by Superintending Engineer, who is also the Project Manager of the Remodelling Project. The Engineering Department consists of two divisions - Civil and Electrical - each headed by Executive Engineer. The Civil as well as Electrical Engineering Division has two subdivisions headed by Assistant Engineers.

Horticulture unit is headed by Assistant Director and has developed Nursery, Herbal Garden, Net & Poly Houses and maintaining the horticulture of the institute.

The activities of the Department are manifold. The first phase of Remodelling Project has been completed and various buildings have been put to use by institute.

The preparations of estimates for the second phase of Remodelling Project are under process for early start of work. The second phase comprises of buildings like Auditorium, New Kitchen/Cafeteria, Training Centre, New OPD, New Neurosurgery Block, Drug Abuse Treatment & Rehabilitation Centre, Child & Adolescent Mental Health Centre, Nursing Home, Half Way Home, Research Centre for Behavioural, Basic & Applied Sciences, Cottage for Patients, Sports Complex & Indoor Recreational Facilities. It also comprises of Residential Quarters in category Type-II to Type-VI, Guest House and other Allied Packages like Fire Fighting, Underground Water Tank, Lifts, Airconditioning and other Bulk Services

GENERAL INFORMATION

PRESENT STAFF AT IHBAS (AS ON 31.03.2007)

Sl. No.	Name of the Post	No. of posts
1.	Director	01
2.	Emeritus Professors	02
3.	Addl. Medical Superintendent	XX
4.	Joint Director (Admn.)	01
5.	FA & CAO	X X
6.	Professor (Medical & Non Medical)	13
	i) Psychiatry (Medical)	02
	ii) Neurology	X X
	iii) Clinical Psychology	X X
	iv) Pathology	X X
	v) Microbiology	X X
	vi) Neuropsychopharmacology	X X
	vii) Neuro Chemistry	X X
	viii) Neuro Anaesthesia	X X
	ix) Psychiatry Social Worker	X X
	x) Neuro Surgery	X X
	ix) Radiology	X X
7.	Addl. Professor (Medical & Non Medical)	04
	i) Pathology	01
	ii) Clinical Psychology	01
	iii) Neuropsychopharmacology	01
	iv) Microbiology	01
8.	Associate Professor (Medical & Non Medical)	05
	i) Psychiatry	01
	ii) Neurology	01
	iii) Pathology	01
	iv) Neuro Chemistry	01
	v) Clinical Psychology	01

9.	Asst. Professor (Medical & Non Medical)	17
	i) Psychiatry	04
	ii) Neurology	03
	iii) Clinical Psychology	01
	iv) Psychiatry Social Worker	01
	v) Neuropsychopharmacology	XX
	vi) Neuro Radiology	01
	vii) Neuro Chemistry	01
	viii) Microbiology	XX
	ix) Bio-statistics	01
	x) Epidemiology	01
	xi) Pathology	XX
	xii) Med. Anthropology	01
	xiii) Neuro Anaesthesia	01
	xiv) Neuro Surgery	02
	xv) Nursing	XX
10.	Project Engineer (Superintending Engineer)	01
11.	Administrative Officer	01
12.	Executive Engineer (Civil)	01
13.	Executive Engineer (Elect.)	01
14.	Library Cum Doc. Officer	01
15.	Research Officer (Yoga)	XX
16.	System Analyst	XX
17.	Clinical Psychologist	05
18.	Psychiatric Social Worker	09
19.	Post Doctoral Fellow	XX
20.	Research Associate	02
21.	Senior Resident	20
22.	Junior Resident	32
23.	Sr. Research Fellow	XX

24.	Accounts Officer	02
25.	Programmer	XX
26.	Demonstrator (non-Medical)	XX
27.	Asst. Admn. Officer	03
28.	Asst. Research Officer (Yoga)	XX
29.	Senior Physiotherapy	01
30.	Asst. Engineer (Civil)	02
31.	Asst. Engineer (Electrical)	02
32.	Asst. Director (Horticulture)	01
33.	Senior PA/PS	01
34.	Asst. A/c Officer	02
35.	Asst. Librarian (Gr.-I)	01
36.	Dy. Nursing Supdt.	XX
37.	Asst. Nursing Supdt.	01
38.	Sister Tutor	XX
39.	MSW	XX
40.	PRO	XX
41.	Sr. Dietician	XX
42.	Documentation Asst. (Lib. Gr. -II)	01
43.	Medical Record Officer	01
44.	Medical Record Supervisor	XX
45.	Junior Engineer (Civil)	02
46.	Junior Engineer (Elect.)	01
47.	Sectional Officer (Horticulture)	01
48.	Sr. Pharmacist	01
49.	Dietician	01
50.	Asstt. Dietician	XX
51.	Assistant	16
52.	Sr. Steno	04
53.	Asstt. Sister Tutor	XX
54.	Nursing Sister	09
55.	Health Education Technical Officer	01

56.	Computer Asstt.	02
57.	Occupational Therapist	06
58.	Physiotherapist	01
59.	Library Asst. (Gr.-III)	03
60.	Staff Nurse	150
61.	Statistical Asstt.	XX
62.	Senior Technician	XX
63.	Technical Asstt.	XX
64.	CSSD Technician	XX
65.	Central Gas pipe line Technician	XX
66.	Research Asst. (Yoga)	XX
67.	Speech Therapist	XX
68.	ICU Technician	XX
69.	OT Technician	XX
70.	Jr. Physiotherapist	02
71.	Jr. Medical Record Officer	01
72.	Medical Record Technician	XX
73.	Photographer	01
74.	Artist	01
75.	Pharmacist	08
76.	UDC	03
77.	Medical Record Clerk In-Charge	XX
78.	Psycho Clinic cum Lab Asst.	XX
80.	EEG Technician	02
81.	Electro-Physiology Technician	02
82.	X-ray Technician	02
83.	Lab Technician	04
84.	Jr. Stenographer	04
85.	Data Entry Operator	04
86.	Lab. Assistant	18
87.	Radiographer	01
88.	LDC	03

89.	LDC/MR Clerk	XX
90.	Registration Clerk	XX
91.	Telephone Operator	XX
92.	Projectionist	01
93.	Head Cook	XX
94.	Lab Attendant	XX
95.	Library Attendant	XX
96.	Occupational Therapy Attendant	03
97.	Cook	10
98.	Nursing Orderly	XX
99.	Class IV (D)	XX

FACULTY

DIRECTOR

Dr. Meena Gupta

EMERITUS PROFESSORS

Prof. S.D. Sharma (Psychiatry)

Prof. M. Gourie-Devi (Neurology)

PROFESSORS

Prof. Nimesh G. Desai (Psychiatry)

Dr. Somnath Sengupta (Psychiatry)

ADDITIONAL PROFESSOR

Dr. Sujata Chaturvedi (Pathology)

Dr. Sangeeta Sharma (Neuropsychopharmacology)

Dr. Rajiv Thakur (Microbiology)

Dr. Tej Bahadur Singh (Clinical Psychology)

ASSOCIATE PROFESSORS

Dr. Uday Kumar Sinha (Clinical Psychology)

Dr. Kiran Bala (Neurology)

Dr. Dhanesh Kumar Gupta (Psychiatry)

Dr. Neelam Chhillar (Neuro Chemistry)

Dr. Anshu Gupta (Pathology)

ASSISTANT PROFESSORS

Dr. Suman Seryam Kushwaha (Neurology)

Dr. Rachna Agarwal (Neurochemistry)

Dr. Vibha Sharma (Clinical Psychology)

Dr. Jahanara M. Gajindragad (Psychiatric Social Work)

Dr. Sarabjeet Khurana (Epidemiology)

Dr. Mukul Kumar Jain (Neuroanesthesia)

Dr. C. B. Tripathi (Biostatistics)

Dr. V.N. Mishra (Neurology)

Dr. Ravinder Singh (Medical Anthropology)

Dr. Deepak Jha (Neuro Surgery)

Dr. Vinod Kumar Singh Gautam (Neuro Surgery)

Dr. Vibhor Pardasani (Neurology)

Dr. Rupali Shivalker (Psychiatry)

Dr. Rajesh Kumar (Psychiatry)

Dr. Reema Kumari (Neuro Radiology)

Dr. Vijender Singh (Psychiatry)

LIST OF VARIOUS COMMITTEES OF IHBAS

S. NO.	NAME OF THE COMMITTEE
01.	General Body Committee
02.	Executive Council
03.	Academic Committee
04.	Advisory Committee - Medical
06.	Ethical Committee
07.	Standing Finance & Budget Committee
08.	Building & Works Committee
09.	Rehabilitation Committee
10.	Board of Visitors
11.	Establishment Committee
12.	Coordination Committee

COMMITTEES AND APEX BODIES OF IHBAS

GENERAL BODY COMMITTEE

President

Hon'ble Minister of Health, Government of NCT of Delhi and the President of IHBAS.

Vice President

Chief Secretary, Government of NCT of Delhi and the Vice-President of General Body of IHBAS, Delhi Sachivalaya, Delhi - 110 054.

Vice Chancellor, Delhi University and the Vice-President of General Body of IHBAS, University Road, Delhi - 110007.

Joint Secretary, Ministry of Health & Family Welfare and the Vice-President of General Body of IHBAS, New Delhi.

Members

Principal Secretary (Finance), Government of NCT of Delhi

Principal Secretary (H&FW), Government of NCT of Delhi

Principal, University College of Medical Sciences, Delhi

Medical Superintendent, GTB Hospital, Delhi

Advisor (Health), Planning Commission, Yojana Bhawan, New Delhi.

Joint Secretary (T), Department of Education, Ministry of Human Resource Development, Govt. of India, Shastri Bhawan, New Delhi.

DDG (DD), Ministry of Social Justice and Empowerment, Govt. of India, Shastri Bhawan, New Delhi

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 Mahrauli Road, New Delhi.

Dr. Bela Shah, Chief Senior 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.

Dr. S.K. Khandelwal, Professor of Psychiatry, AIIMS, New Delhi.

Director, IHBAS.

Prof. N.G. Desai, Professor & Head, Deptt. of Psychiatry, IHBAS.

Dr. T.B. Singh, Professor & Head of Clinical Psychology, IHBAS.

EXECUTIVE COUNCIL- 2007

Chairperson

Chief Secretary, Government of NCT of Delhi-cum-Chairman of IHBAS.

Member Secretary

Director, IHBAS

Members

Additional Secretary, Ministry of Health & Family Welfare, Government of India.

Principal Secretary (H&FW), Government of NCT of Delhi.

Principal Secretary (Finance), Government of NCT of Delhi.

AS & FA, Ministry of Health & Family Welfare, Government of India.

Principal, UCMS, Delhi.

Medical Superintendent, G.T.B. Hospital, Delhi.

Medical Superintendent, IHBAS

Joint Director (Administration), IHBAS

FA & CAO, IHBAS

Dr. Somnath Sengupta, Professor of Psychiatry, IHBAS.

Dr. T.B. Singh, Professor of Clinical Psychology, IHBAS.

Dr. S.M. Channabasavanna, Former Director, NIMHANS.

Dr. V.S. Mehta, Former HOD (Neurosurgery), AIIMS

Dr. Manju Mehta, HOD (Clinical Psychology), AIIMS

Dr. M. Gourie Devi, Emeritus Professor, IHBAS.

STANDING FINANCE & BUDGET COMMITTEE

Chairperson

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.

FA & CAO, IHBAS, Delhi.

REHABILITATION COMMITTEE

Chairman

Director, IHBAS

Members

Director, Directorate of Social Welfare, Govt. of NCT of Delhi.

Nominee of Chief, Rehabilitation Services, Govt. of NCT of Delhi.

Joint Secretary, Ministry of Social Justice and Empowerment (Disability Division),
GOI.

Director, Dte of Health Services, Govt. of NCT Delhi.

Dr. R. R. Singh, Former HOD (Social Work), University of Delhi

Dr. N.G. Desai, Professor & Head, Department of Psychiatry, IHBAS, Delhi.

Dr. Kiran Bala, Additional Professor & Head, Department of Neurology, IHBAS,

Delhi.

Nominee of the Chief Secy, Govt. of NCT of Delhi-cum-Chairperson Executive Council of IHBAS.

Co-opted Members

Mrs. Bhavna Barmi, Mind Track.

Mrs. Parul Saxena, Director, SCMR & DF.

Member Secretary

Dr. T.B. Singh, HOD Clinical Psychology, IHBAS.

BUILDING & WORKS COMMITTEE

Chairperson

Principal Secretary (H&FW), Govt. of NCT of Delhi.

Members

Shri Daljit Singh, Deputy Secretary, Finance (Expenditure), Govt. of NCT of Delhi.

Director, IHBAS

Shri S. Majumdar, Chief Architect, D.G.H.S.

Dr. S.D. Sharma, Emeritus Professor, IHBAS

Shri D.K. Nigam, Sr. Architect, PWD Zone-II, Govt. of NCT of Delhi.

Prof. Sunil Pradhan, Medical Superintendent, IHBAS

Shri Alok Varma, Superintending Engineer, IHBAS

Shri Anil Bharadwaj, Sr. Accounts Officer, Officiating as FA&CAO, IHBAS

Dr. Kiran Bala, Additional Professor of Neurology, IHBAS.

Mr. Vishwa Mohan Kumar, Executive Engineer, Convenor, IHBAS.

ACADEMIC COMMITTEE

Chairperson

Director, IHBAS

Members

Dr. R.C. Jiloha, Prof. & Head Psychiatry, G.B. Pant Hospital

Dr. S. Prabhakar, Prof. & Head Neurology, PGIMER, Chandigarh

Prof. V. Kumaraiah, Former Head, Deptt. of Clinical Psychology, NIMHANS, No.130, Ambika Nilaya, 100 Feet, Ring Road, Kuvempu Nagar, Bangalore-74.

Prof. R.R. Singh, Former HOD (Social Work), University of Delhi

Dr. N.G. Desai, Prof. & Head Psychiatry, IHBAS

Dr. Sujata Chaturvedi, Professor, Department of Pathology, IHBAS

Dr. Uday Kumar Sinha, Assoc. Prof., Department of Clinical Psychology, IHBAS

Dr. Rajeev Thakur, Professor, Department of Microbiology, IHBAS

Member Secretary

Dr. Somnath Sengupta, Professor, Department of Psychiatry & DMS, IHBAS

ETHICS COMMITTEE

Chairperson

Professor S.M. Channabasavanna, 194, 10th Cross, Wilson Garden, Bangalore-560027.

Members

Professor M. Gourie Devi, Emeritus Professor (Neurology), IHBAS.

Drugs Controller of Delhi, Govt. of NCT of Delhi, F.17, Karkardooma, 4th Floor, Shahdara, Delhi-32.

Dr. R.K. Chadda, Professor of Psychiatry, AIIMS, New Delhi.

Professor K.M. Prabhu, Head, Department of Biochemistry, UCMS, Delhi-110095.

Mrs. Sona Khan, A/2 Oberoi Apartments, Shamnath Marg, Delhi-54

Professor Usha Gupta, 1525, Park View Apartments, Sector-29, Noida-201303

Professor Kusum Saigal, Ex-Principal, LHMC, D-125, Sector- 40, Noida-201301

Professor N.G. Desai, HOD (Psychiatry), IHBAS.

Professor T.B. Singh, HOD (Clinical Psychology), IHBAS.

Professor Sangeeta Sharma, HOD (Neuropsychopharmacology), IHBAS -
Member Secretary.

ESTABLISHMENT COMMITTEE

Chairperson

Director, IHBAS

Members

Additional Secretary (Finance), Govt. of NCT Delhi.

Additional Secretary (Health), Govt. of NCT Delhi.

Joint/Deputy Secretary (Services), Govt. of NCT Delhi.

Joint Director (Administration), IHBAS

SCIENTIFIC ADVISORY COMMITTEE

Members

Prof. PN Tandon, Prof. Emeritus, Neurosurgery, AIIMS, New Delhi.

Prof. S.D.Sharma, Emeritus Professor, IHBAS, Delhi.

Prof. J S Neki, Consultant Psychiatrist, Delhi.

Prof. NN Wig, Consultant Psychiatrist, Chandigarh.

Prof. A K Agarwal, Department of Psychiatry, KGMC, Lucknow.

Prof. R.R. Singh, Former Director, Tata Institute of Social Sciences, Mumbai.

Dr. Manju Mehta, Addl. Professor of Clinical Psychology, AIIMS, New Delhi

Prof. J.S. Bapna, Former Director, IHBAS

BOARD OF VISITORS

Members

Dr. Anil Mehra, Director, Health Services, Govt. of NCT of 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, Department of Psychiatry, AIIMS, New Delhi.

Prof. Vinod Puri, HOD, Neurology, MAMC, New Delhi.

Medical Superintendent, G.T.B. Hospital, Shahdara, Delhi.

Prof. Aruna Bhardwaj, Professor of Social Work, University of Delhi

Shri A.K. Sinha, Distt. Social Welfare Officer, North West-I, Delhi

(Ms.) Rupa Choudhury, Member, Delhi Legal Services Authority.

(Ms.) Mukta Gupta, Member, Delhi Legal Services Authority.

(Ms.) Sangita Dhingra Sehgal - Member Secretary, Delhi Legal Services Authority -
Special Invitee.

Member Secretary

Medical Superintendent, IHBAS, Delhi.

AUDITORS REPORT FOR THE FINANCIAL YEAR 2006-2007

Balance Sheet as on 31st March 2007

CORPUS/CAPITAL FUND AND LIABILITIES	Schedule	31st March 2007	31st March 2006
Corpus Capital Fund			
Reserves and surplus	1	97,322,856.71	97,955,431.99
Earmarked and Endowment Funds	2	550,160,869.07	440,229,931.07
Deferred Credit and Borrowings	3	5,007,598.73	3,415,409.73
Current Liabilities and Provisions	4	70,712,797.63	55,498,009.64
Total		723,204,122.14	597,098,782.43
ASSETS			
Fixed Assets	5	78,843,663.37	69,071,763.34
Capital Work in Progress	5A	527,421,765.00	363,321,095.00
Current Assets, Loans & Advances	6	9,497,341.51	(1,734,986.59)
Cash and Bank Balances	7	107,441,352.26	166,440,910.68
Total		723,204,122.14	597,098,782.43

Notes to Accounts as per Schedule-I attached

Auditor's Report

As per our separate report of even date attached

For Sharma Sanjeev & Co.
Chartered Accountants

(Dr. A.K.AGARWAL)
Director

(SANJEEV SHARMA)
FCA
Membership No.75392

(ANIL BHARDWAJ)
Sr. Accounts Officer

Date : 06 /02/08

Place : Delhi

RECEIPTS AND PAYMENTS ACCOUNT AS ON 31ST MARCH 2007

Receipts	Amount
Cash in Hand	264,068.00
FCRA A/c with State Bank of India	1,345.96
Saving Bank Account with SBI	11,326,524.60
Term Deposit with banks	130,451,938.00
Saving Bank Account with banks (CPF)	159,193.05
Term Deposit with banks (CPF)	23,983,610.00
Saving Bank A/C (Conference Fund)	229,931.07
Imprest with Employees	24,300.00
Grant-in-aid received from Govt of Delhi	270,000,000.00
Gross Receipt of Funded Projects	
DMHP	4,500,000.00
Task force project of Sucidal behaviour RP -5	1,643,352.00
STP-4(B)/Project TCC	146,538.00
UMHP RP-9	2,234,983.00
RP-13	355,441.00
RP-14	63,820.00
RP-15	205,182.00
RP-16	69,970.00
RP-17	12,010.00
RP-18	884,372.00

RP-19	1,010,242.00
RP-20	1,114,859.00
RP-21	404,287.00
Interest on Term Deposits & Savings Account -19033	5,609,878.28
Interest on CPF TDR	156,493.00
Interest on TDR	890,420.00
Interest on Saving A/c-19504	7,514.00
Interest on CPF Fund	7,958.00
Interest received on Term Deposit FCRA A/c	48.00
Medical Scheme (IHBAS)	193,139.00
Patient Realisation Charges (PRC)	3,648,783.00
Licence fees	175,413.00
Misc Receipts	3,023,328.30
Earnest Money Deposit	3,462,952.00
Security Deposit	5,888,833.00
Total Receipts	472,150,726.26
Payments	Amount
Utilization/Expenditure against Funded Project	11,052,867.00
Office Expenses (Tel)	1,226,760.00
Net Work & Cables	255,844.00
Office Expenses (Postal Charges)	35,000.00
Office Expenses (General)	1,001,791.00

Tuition Fees	14,760.00
House Keeping	11,687,897.00
Security Services	6,276,796.00
Electricity	9,169,536.00
Bank Commission & Charges	81,077.00
Water Charges	1,269,730.00
Washing	411,390.00
Cutting & Shaving	92,780.00
News Paper & Magazines	45,171.00
Refreshment	35,481.00
Horticulture	1,260,360.00
Advertisement	1,979,907.00
Salary	65,067,066.00
LSPC	1,046,947.00
Leave Travel Concession	558,698.00
CPF (Employer Share)	2,486,376.00
Overtime Allowance	396.00
Medical Reimbursment	572,852.00
Dietary Items	2,895,869.00
General Store Items	5,473,044.00
Medicines and Drugs	16,453,634.00
Travelling & Conveyance Expenses	699,283.00

Publication & Periodicals	1,432,217.00
Diesel & Petrol	1,306,255.00
Donation	1,398,075.00
Legal & Professional Charges	579,846.00
Maintenance of Existing Building	21,542,364.00
Repairs of Motor Vehicles	124,705.00
Maintenance of Medical Equipments	984,667.00
Rent & Taxes	1,273,588.00
Conference fund Account	69,062.00
CGHS	730.00
CGEGIS	450.00
Earnest Money	1,095,367.00
Computer	455,282.00
Medical Equipment	14,844,543.00
Furniture	1,176,715.00
Vehicle	797,735.00
Plant & Machinery	1,332,372.00
Building under construction-Remodeling of IHBAS	133,098,855.00
Renovation of HMD Building	31,001,815.00
Secured Advance	7,125,840.00
HBA	10,000.00
Outstanding exps of last year paid	3,907,579.00

Cash in Hand	157,334.00
FCRA A/c with State Bank of India	1,393.96
Saving Bank Account with SBI	2,250,479.18
Term Deposit with banks	75,300,000.00
Saving Bank Account with SBI (CPF)	74,852.05
Term Deposit with banks (CPF)	29,463,610.00
Saving Bank A/C (Conference Fund)	168,383.07
Imprested with Employees	25,300.00
Total Payment	472,150,726.26

For Sharma Sanjeev & Co.
Chartered Accountants

(Dr. A.K.AGARWAL)
Director

(SANJEEV SHARMA)
FCA
Membership No.75392

(ANIL BHARDWAJ)
Sr. Accounts Officer

Date : 06/02/08
Place : Delhi

INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED ON 31st March, 2007

		31st March 2007	31st March 2006
INCOME		(Amount in Rupees)	(Amount in Rupees)
Grant-in-aid received from Govt of Delhi		160,000,000.00	130,000,000.00
Interest on Term Deposits & saving A/C	8	8,908,379.28	8,379,743.33
Miscellaneous Receipts	9	7,040,663.30	5,737,697.01
Total		175,949,042.58	144,117,440.34
EXPENDITURE			
Administrative Services & Office Expenses	10	38,132,246.00	25,628,009.00
Salary & Other Benefits to Employees	11	74,997,418.00	64,324,515.00
Dietary Items	12	2,952,890.63	2,559,132.29
General Store Items	13	5,074,598.39	7,346,963.60
Medicines and Drugs	14	17,248,717.88	21,895,368.70
Traveling & Conveyance Expenses		699,283.00	494,732.00
Maintenance of Equipment		984,667.00	616,346.00
Publication & Periodicals		1,432,217.00	2,868,352.00
Diesel & Petrol		1,306,255.00	429,754.00
Donation(Net)		1,398,075.00	
Legal & Professional Charges		579,846.00	504,974.00
Maintenance of Existing Building		21,542,364.00	11,992,581.00
Foreign Service Contribution			140,419.00
Depreciation		8,834,746.96	12,369,848.46
Repairs of Motor Vehicles		124,705.00	91,311.00
Engineering Services		-	590,385.00
Rent & Taxes		1,273,588.00	318,602.00
Excess of Expenses over Income		(632,575.28)	(8,053,852.71)
Total		175,949,042.58	144,117,440.34

Notes to Accounts as per Schedule-I attached

Auditor's Report

As per our separate report of even date attached

For Sharma Sanjeev & Co.
Chartered Accountants

(Dr. A.K.AGARWAL)
Director

(SANJEEV SHARMA)
FCA
Membership No.75392

(ANIL BHARDWAJ)
Sr. Accounts Officer

Date : 6/02/08
Place : Delhi

Sharma Sanjeev & Company

CHARTERED ACCOUNTANTS

4-A, Pocket-B, Mayur Vihar Phase-II, Delhi-110091

Tele Fax 011-22771587, Mobile: 9811210162,

e-mail:sanjeev.Sharma_69@yahoo.co.in

The Director,
Institute of Human Behaviour & Allied Sciences
Dilshad Garden, Near G.T.B.Hospital
Delhi-110095

We have audited the annexed Balance Sheet of Institute of Human Behaviour & Allied Sciences.(IHBAS) as on 31st March, 2007 based on accrual system and also the annexed Income and Expenditure Account for the year ended on that date and report that: -

We have conducted our audit in accordance with standards generally accepted in India. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion. We report as follows:-

- a) 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.
- b) In our opinion, proper books of account as required by law, and keeping in view the size of the institution, have been kept by the (IHBAS) so far as appears from our examination of the books.
- c) The Balance Sheet and Income & Expenditure Account dealt with this report are in agreement with the books of accounts
- d) In our opinion, and to the best of our knowledge and according to the explanations given to us the said accounts gives the information as required by the Society Registration Act, 1860 in the manner so required and give true and fair view:

- (i) In the case of the Balance Sheet of the State of affairs of the institution as on 31st March, 2007 and
- (ii) In the case of the Income and Expenditure Account ended on that Date.

Place : Delhi

For SHARMA SANJEEV & CO
Chartered Accountants

Date :

(Sanjeev Sharma)
Membership No-75392

SCHEDULE-I

NOTES TO ACCOUNTS FORMING PART OF THE BALANCE SHEET AND INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED ON 31ST MARCH 2007

Institute of Human Behaviour & Allied Sciences (IHBAS) was incorporated under the societies Registration Act, 1860 on July 30, 1991 and since it took over the administration of the hospital for medical diseases during the financial year 1993-94, These are the Final Accounts of the institute covering the period w.e.f. April 01, 2006 to 31st March 2007.

In accordance with the Gazette Notification No-F.125/2/93-M & PH Dated September 03, 1993 of the National Capital Territory of Delhi, subsequent superseded by Notification No.F.125/2/93 -M & PH Dated December 22, 1993, the day to day management are transferred to IHBAS. Accordingly the accounts presented herewith are in relation to the activities of IHBAS.

Accounting Policies:

Method of Accounting

Books of accounts of the institute are maintained on accrual basis of accounting in accordance with the civil accounting manual, Receipt and Payment Accounts Rules, General Financial Rules, etc.

Valuation of Fixed Assets

Fixed assets are valued at cost and are stated at their historical cost in the books of accounts.

Fixed Assets

- (a) Fixed Assets Acquired by IHBAS- Fixed assets are initially recorded at cost and stated at cost less accumulated depreciation in the Balance Sheet.
- (b) Fixed Assets transferred from HMD- are stated at the value as assessed by the management and depreciation has provided on these assets as per the rate prescribed under the Income Tax Act 1961. The Total value of these assets recorded during the year as per valuation by the management is Rs.7,60,35,880/- and the corresponding amount has been shown as Capital Reserve the accumulated depreciation up to 2003-04 has also been adjusted against the capital reserve.

- (c) The Register of fixed assets giving details of date of acquisition accumulated depreciation, location, identification has not been prepared.
- (d) Fixed assets are stated in the Balance sheet at the value as certified by management.
- (e) We have been explained by the management that HMD Building has been renovated and Rs. 3,10,01,815/- has been incurred on renovation till 31st March 2007, As the renovation work has not been completed till end of financial year so renovation amount has been shown as Capital work in progress in schedule-5A.

Revenue Recognition

Grant Received from the Government of NCT OF DELHI

The institute has received grant of Rs. 27 Crores from the Government of NCT of Delhi, out of which Rs.11 Crores has been received as capital receipt for construction of Building and Rs. 16 Crores is being used for meeting revenue expenses by the institute and therefore, the same is considered as a revenue receipt in the books of accounts.

Interest income on Term Deposit Receipts has been accounted for on accrual basis, which is time proportionate basis.

Employee Retirement Benefits- Provision for accrual gratuity liability and leave encashment has not been provided.

Taxation- The Institute's Income is exempt from tax therefore, no provision for tax has been made.

Other Receipts

All other receipts like interest on Deposits, Donations, Realization from Patients, Sale of Tenders etc. are booked in the Income and Expenditure Account for the year on Receipt basis. The figure of material & supplies consumed has been arrived after reducing closing stock in hand from the total purchases during the year

The break-up of Expenditure on purchase of consumables is given as under:-

Items	Current Year (Rs.)	Previous Year (Rs.)
Dietary Items	29,52,890.63	25,59,132.29
Medicines	1,72,48,717.88	2,18,95,368.70
General Stores	50,74,598.39	73,46,963.60

The figure of material & supplies consumed has been arrived after reducing closing stock in hand from the total purchase during the year. Inventory in hand as certified by the management at the end of the year is as under:-

Items	Current Year (Rs.)	Previous Year (Rs.)
Dietary Items	33,871.08	90,892.70
Medicines	32,45,661.42	17,33,415.30
General Stores	6,64,246.01	2,65,800.00

The figure of previous year has been regrouped/ rearranged to make them comparable to that of current year, wherever considered necessary.

(Dr A.K. Agarwal)

Director

(Anil Bhardwaj)

Sr. Account Officer

For Sharma Sanjeev & Co.

Chartered Accountants

(Sanjeev Sharma)

Membership No. 75392

Date :

Place: Delhi





Institute of Human Behaviour & Allied Sciences
Delhi -110095

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