

To
The Director,
Institute of Pathology (ICMR),
Safdarjang Hospital Campus,
New Delhi - 110 029.

Subject: - **Submission of information for the website of IOP**

Madam,

Most respectfully, I beg to refer to the recent E-mail message from computer section of Institute of Pathology, whereby I have been asked to submit updated information about my Bio-data for the WEBSITE of the Institute of Pathology.

Please accept the following detailed information for the same.

Thanking you,
Yours Faithfully,

(Dr. A. K. Bagga)
Scientist 'D',
Institute of Pathology(ICMR),
Safdarjang Hospital Campus,
New Delhi-110029.

Dated: 28-01-2010

Encl.: As Above.

Dr. A, K, BAGGA, Scientist 'D'

1. **Date of Birth** : 01-04-1957
2. **Date of Joining** : 25-07-1983
3. **Date of joining present post** : 02-11-2005
4. **Discipline** : Pathology(Tumor Biology)
5. **Research Experience** : 26 years
6. **Address (Office)** : Institute of Pathology (ICMR),
Safdarjang Hospital Campus,
New Delhi-110 029.
7. **Address (Res.)** : 8202/1, Street No.6, Multani Dhanda,
Paharganj, New Delhi-110 055.
Phone No. – 011-23535315.
8. **Telephone (Off)** : 011-26198402 to –8405, Ext.210
9. **Fax** : 011-26196401
10. **Email** : ashokbgg@yahoo.com
11. **Educational Qualifications** :

EDUCATIONAL CAREER :

Degree/Diploma/certificate	Class/Grade	University/Board/Institution	Year
PG Diploma PPHC from	'A' Grade	APOLLO Hospitals, Hyderabad.	2002
Master's Degree or equivalent MS (Biomedical Sciences)	---	Birla Institute of Science & Technology, Pilani, Rajasthan	1999
P G Certificate Course in Health & Family Welfare Management	---	National Institute of Health & Family Welfare, Munirka, Delhi	1996
Bachelor's degree M.B.B.S.	2 nd Class	Maulana Azad Medical College, DELHI UNIVERSITY	1978
B.Sc.(Hons.) –I with Physics (Equivalent to Pre-Med.)	1 st Class Distinc. In Zool. Merit in Delhi Univ.	HINDU College, Delhi Univ. Delhi	1974
Higher Secondary (Merit in C.B.S.E., Delhi)	1 st WITH Distinction in 4 out of 5 sub. National Merit Position	CENTRAL BOARD OF SECONDARY EDUCATION	1973

12. Professional Experience : **Junior Residency** in Gen. Surgery (6 months) from G.B.Pant Hospital, Delhi w.e.f. 01-7-1980 to 30-6-1980.

Junior Residency in Gen. Medicine (6 months) from L.N.J.P. Hospital, Delhi w.e.f. 01-7-1980 to 31-12-1980.

Junior Medical Officer (ad-hoc) in Delhi Health Services, Delhi Administration, Delhi w.e.f. 07-10-1986 to 05-04-1983.

Assistant Research Officer (Medical) in Central JALMA Institute for Leprosy, (ICMR), Agra, U.P. - 282 001 w.e.f. 25-7-1983 to 07-7-1986.

Research Officer (Medical) in Central JALMA Institute for Leprosy, (ICMR),Agra,U.P. -282 001 w.e.f. 08-7-1986 to 13-9-1990.

Research Officer (Medical) in Malaria Research Center, (ICMR), Delhi w.e.f. 14-9-1990 to 02-11-1992.

Senior Research Officer (Medical) in Malaria Research Centre, (ICMR), Delhi w.e.f. 03-11-1992 to 28-02-1996.

Senior Research Officer (Medical) in Institute of Pathology (ICMR), Delhi w.e.f. 29-02-1996 till 31-10-2005.

Assistant Director (Scientist 'D') w.ef. 01-11-2005 in Institute of Pathology(ICMR) at Safdarjang Hospital Campus, New Delhi till date.

Additional Qualifications/ Training acquired in India and/or abroad: (List of **all part-time or short-term training** not included in educational career. Give dates, duties and duration of course.): -

1. **JUNIOR RESIDENCY IN GENERAL SURGERY** from MAULANA AZAD MEDICAL COLLEGE & ASSOCIATED LNJP HOSPITAL, DELHI (**6 MONTHS**) w.e.f.1-1-1980 to 30-6-1980 with duties like **Clinical care, ward duties, Operation Theatre assistance, Emergency management of patients.**

2. **JUNIOR RESIDENCY IN GENERAL MEDICINE** from MAULANA AZAD MEDICAL COLLEGE & ASSOCIATED G.B.PANT HOSPITAL,DELHI (**6 MONTHS**) w. e. f. 01-7-1980 to 31-12-1980 with **duties as above plus PSYCHOTHERAPEUTIC COUNSELLING TO PSYCHIATRIC PATIENTS.**

3. TRAINING OF **DISTRICT EPIDEMIOLOGIST (WHO SPONSORED)** UNDER **PfCP /NMEP PROGRAMME OF WHO**, held at National Institute of Communicable Diseases / Directorate of National Malaria Eradication Program , 22, Shamnath Marg, Delhi-110054. The training was of **FOUR WEEKS DURATION** w.e.f. **13-1-1981 to 6-2-1981**; covering topics on **EPIDEMIOLOGY, CLINICAL SYMPTOMATOLOGY, MANAGEMENT OF P. falciparum malaria and its complications.**

4. **MALARIOLOGY TRAINING UNDER WHO, AT DIRECTORATE OF NATIONAL MALARIA ERADICATION PROGRAMME**, 22 Shamnath Marg, Delhi-110054 of 8 WEEKS DURATION w.e.f. 19-12-1990 to 15-2-1991. It covered areas like **SYMPTOMATOLOGY, THERAPY, EPIDEMIOLOGY, VECTOR-BIONOMICS ENTOMOLOGY INCLUDING STUDIES ON SIBLING SPECIES OF MOSQUITOES**. THEORETICAL AS WELL AS PRACTICAL TRAINING WAS PROVIDED INCLUDING FIELD VISITS FOR THE FIELD EXERCISES IN DIFFERENT ECOSYSTEMS EXISTING IN NATURE.

5. **TRAINING WORKSHOP ON THE CLINICAL TRIAL USING α : β ARTETHER IN HUMAN BEINGS**, HELD AT CENTRAL DRUG RESEARCH INSTITUTE (CSIR) CHATTAR MANZIL, LUCKNOW,(UP) of THREE DAYS DURATION w. e. f. 8th to 10th September'1994. The marathon discussions held there focussed on ALL ASPECTS OF CONDUCTING DRUG-TRIALS PHASE-II ONWARDS, especially in relation to the α : β ARTETHER in human beings.

6. **ONE YEAR POST-GRADUATE CERTIFICATE COURSE IN HEALTH & FAMILY WELFARE MANAGEMENT** from NATIONAL INSTITUTE OF HEALTH & FAMILY WELFARE, MUNIRKA, DELHI; COMPLETED IN JULY, 1996.

7. **CME (CONTINUING MEDICAL EDUCATION) PROGRAMMES OF THE SAFDARJUNG HOSPITAL IN THE FIELD OF DERMATOPATHOLOGY** ARE HELD IN OUR INSTITUTE FROM TIME TO TIME. THE OPPERTUNITY TO LEARN THE SUBJECT IS AVAILED OF DURING SUCH COLLBORATIVE ENDEAVOURS BETWEEN IOP AND DERMATOLOGY DEPTT. OF SAFDARJUNG HOSPITAL, DELHI. THE ACTIVITIES INCLUDE **SLIDE-SEMINARS. CASE-PRESENTATION BY THE RESIDENTS IN DERMATOLOGY, CASE-DISCUSSIONS AS TO THE PATHOLOGOLGICAL DIAGNOSIS, AND POSSIBLE DIFFERENTIAL DIAGNOSES**.

8. Registered via Director IOP for `MS/PhD' course of Birla Institute of Technology & Science (BITS), Pilani , Rajasthan ;for which Institute of Pathology is a recognized center. Started the course in July,1996 and **completed M.S.** in Biomedical Sciences from BITS, Pilani, Rajasthan in **1999. Awarded** the degree in **2001**.

9. **COMPLETED ONE YEAR POSTGRADUATE DIPLOMA IN PREVENTIVE & PROMOTIVE HEALTH (PPHC) IN GRADE "A", SECURING 80% MARKS; UNDER DISTANCE LEARNING PROGRAMME OF APOLLO HOSPITALS EDUCATION & RESEARCH FOUNDATION, HYDERABAD (A.P.) IN 2002.**

13. Publications: (please see list attached – **Annexure-I**)

14.Conference/Workshop Attended (National/International) - **Annexure-II**

15.Memberships of Professional Bodies (International / National) – **Annexure-III**

16.Awards and Honors- **Annexure-IV**

Annexure-I

PUBLISHED WORK : RESEARCH PAPERS/SCIENTIFIC ARTICLES : -

1. TITLE:-"Exfoliative Dermatitis due to Paracetamol".

AUTHORS:- A. Girdhar**, A. K. BAGGA and B.K. Gidhar**.

JOURNAL:- Indian Journal of Dermatology, Venereology and Leprology, 1984: 50; 162-63.

2. TITLE:-"A Study of Drug-Interactions in Leprosy. Effect of Simultaneous Administration of Prothionamide on the metabolic Disposition of Rifampicin & Dapsone".

AUTHORS:- A. Mathur**, K. Venketesan**, B.K.Girdhar**, V.P.Bhardwaj**, A. Girdhar** and A.K.BAGGA.

JOURNAL:- Leprosy Review (1986), 57 : 33-37.

3. TITLE:-" CD1-Positive Epidermal Langerhans Cells in Indeterminate Leprosy".

AUTHORS:-R.B.Narayanan**, M.Natrajan**, K.Katoch**, & A.K.BAGGA.

JOURNAL:-Acta Leprologica (1988) Vol. 108, No.1 : 29-34.

4. TITLE:-" Immunotherapy of treated BL/LL cases with MDT & BCG:Histopathological, Immunological and Bacteriological assessment".

AUTHORS:-"K.Katoch**, M.Natrajan**, A.K.BAGGA , R.B.Narayanan** & V.M.Katoch**.

JOURNAL:-Acta Leprologica 7 Suppl. 1 (1989): 153-57. (Indexed in PubMed 'MEDLINE', 'DermLine', 'Index Medicus')

5. TITLE:-"Relapses in Paucibacillary patients after treatment with three short-term regimens containing Rifampicin".

AUTHORS:-K.Katoch**, U.Ramanathan**, M.Natrajan**, A.K.BAGGA, A.S.Bhatia**, R.K.Saxena** and G.Ramu**.

JOURNAL:- International Journal of Leprosy, 57 (1989) : 458-466.

6. TITLE:-"Absence of CD1-Positive Epidermal Langerhans Cells in Pityriasis versicolor".

AUTHORS:- R.B.Narayanan**, M.Natrajan**, K.Katoch**, & A.K.BAGGA.

JOURNAL:- Indian Journal of Dermatology, Venereology and Leprology, (1990) :56-66.

7. TITLE:-"Duration of MDT in highly bacillated Leprosy cases : Follow-up of cases treated for varying periods".

AUTHORS:-"K.Katoch**, M.Natrajan**, A.K.BAGGA & V.M.Katoch**.

JOURNAL:- Proceedings of VI Santa Margherita Ligure Meeting - Symposium on Leprosy Research, Santa Margherita, Italy, 3-7th Oct., 1990.

8. [Katoch, K., Natarajan, M., Bagga, A. and Katoch, V.M. "Immunotherapeutic trials using BCG and Mycobacterium strain W alongwith MDT in highly bacillated BL/LL cases."](#) Proc of VI Santa Margherita Ligure Meeting, Symposium on Leprosy Research, Santa Margherita, Italy, 3-7 Oct. 1990

9. Narayanan, R.B., Natarajan, M., Katoch, K. and Bagga, A.”**CDI positive epidermal Langerhans cells in tinea versicolor**”. Indian J Dermatol Venereol Leprol 56 (1990) 66.

10. **“Immunotherapeutic trials using BCG and Mycobacterium strains alongwith MDT in highly bacillated BL/LL cases”**.

K.Katoch, M.Natarajan, A.Bagga and V.M.Katoch.

Quaderni di cooperazione sanitaria. Health cooperation papers. Cahiers de Cooperation Médicale 12 (1992): 239-244. (Indexed in NLM Database)

11. TITLE:-**"Duration of MDT in highly bacillated Leprosy cases : Follow-up of cases treated for varying periods"**.

AUTHORS:-"K.Katoch** , M.Natrajan** , **A.K.BAGGA** & V.M.Katoch**.

JOURNAL:- Quaderni Di Cooperaione Sanitoria, Health Cooperation Papers : N12 : 1991 :221-225.

12. TITLE:-**"Duration of MDT in highly bacillated Leprosy cases : Follow-up of cases treated for varying periods"**.

AUTHORS:-"K.Katoch** , M.Natrajan** , **A.K.BAGGA** & V.M.Katoch**.

JOURNAL:- Quaderni Di Cooperaione Sanitoria, Health Cooperation Papers : N12 : 1992 :217-221.

13. TITLE:**"CLINICAL AND BACTERIOLOGICAL PROGRESS OF HIGHLY BACILLATED BL/LL PATIENTS DISCONTINUING TREATMENT AFTER DIFFERENT PERIODS OF MULTIDRUG THERAPY"**.

AUTHORS : -Kiran Katoch** , M.Natrajan** , **A.K.BAGGA** and V.M.Katoch**.

JOURNAL: -Int J Lepr Other Mycobact Dis. 1991, 59 (2) : 248-257. (Indexed in PubMed 'MEDLINE', 'Dermline' and Parasitology Database etc)

14. TITLE:-**"Drug-compliance among self-motivated leprosy patients"**.

AUTHORS:- A.Girdhar** , **A.K.BAGGA** and B.K.Girdhar**

JOURNAL:- Indian Journal of Leprosy, Vol.60, No.4 : 506-509.

15. TITLE:-**"LEPROSY IN INFANTS-a report."**

AUTHORS:-A.Girdhar** , B.Mishra** , **A.K.BAGGA** and B.K.Girdhar**.

JOURNAL :- International journal of Leprosy, 57 (2) 1989 : 472-475.

16. TITLE:-**"Histological changes with combined chemotheapy and immunotherapy in highly bacillated lepromatous patients"**.

AUTHORS:- M.Natrajan** , Kiran Katoch** , **A.K.BAGGA** and V.M.Katoch**.

JOURNAL :- Acta Leprologica 1992, Vol.8, No.2 : 79-86. (Indexed in PubMed 'MEDLINE', 'DermLine', 'Index Medicus' etc)

17. TITLE: -**"CHLOROQUINE INDUCED PSYCHOSIS- a word of caution against injudicious use of antimalarials"**.

AUTHORS:-**A.K.BAGGA**, N.Valecha* and D.Sharma***.
JOURNAL:- Indian Journal of Applied Medicine, August 1992 : 610.

18. TITLE: -"CEREBRAL SYMPTOMS DUE TO P. vivax MALARIA - a case report".

AUTHORS:- N.Valecha*, **A.K.BAGGA**, J.Chandra*** and D.Sharma***.
JOURNAL:- INDIAN PAEDIATRICS, September, 1992 : letter to the editor.

19. TITLE-"**OBSERVATIONS ON THE CLINICAL ASPECTS OF MALARIA**".

AUTHOR:-**A.K.BAGGA**.

Published as an Abstract in the Soveneir entitled PERSPECTIVES IN HEALTH PLANNING released on the occasion of National Annual meeting of Indian Society of Malaria and Other Communicable Diseases, held at NICD Lecture Hall, 22,Shamnath Marg, Delhi-110054 ON 29TH & 30TH DECEMBER,1993.

20. TITLE:-"**Headache- a major symptom in P. vivax malaria- a case report**".

AUTHORS:-**A.K.BAGGA** & L. Kabilan*.
JOURNAL:- Indian Journal of Medical Sciences, Oct.1996, Vol.50, No.10 : 310.

21. TITLE:-"**DERMATOLOGICAL SIDE-EFFECTS OF CHLOROQUINE**".

AUTHORS:-**A.K.BAGGA** & L.Kabilan*.
Published as an Abstract in the Proceedings of TWELFTH NATIONAL CONGRESS OF PARASITOLOGY held in GOA w.e.f. 8th to 10th Feb.,1995.

22. TITLE:-"**DETAILED REPORT ON DRUG-TRIAL USING 80/53, a new anti-malarial developed by CDRI-RESULTS OF HUMAN PHASE-II CLINICAL TRIAL WITH 80/53**".

AUTHORS:-T.Adak*, N.Valecha*, **A.K.BAGGA** and O.P.Asthana****.
Published as a part of the proceedings of the GLOBAL MEET ON PARASITIC DISEASES held at Delhi (India), w.e.f. 18th to 22nd March,1996.

23. TITLE: -"**DERMATOLOGICAL SIDE EFFECTS OF CHLOROQUINE**".

AUTHORS:-**A.K.BAGGA** & L.Kabilan*.
Published as Abstract in the Soveneir released on the occasion of GLOBAL MEET ON PARASITIC DISEASES at Delhi (India) w.e.f. 18th to 22nd March,1996.

24. TITLE: - "**OBSERVATIONS ON THE CLINICAL ASPECTS OF MALARIA**".

AUTHORS:-**A.K.BAGGA** and L.Kabilan.
Published in the Proceedings of the Fortieth National Conference of Indian Public Health Association organized jointly by Ind. Public Health Association , Indian Association for Malaria & Other Diseases and Indian Association of Epidemiologists; held on 9th to 11th Feb.,1996 at Jamia Hamdard, Delhi. I ALSO AM RECIPIENT OF AN **APPRECIATION CERTIFICATE** FROM THE ORGANIZERS OF THE WORKSHOP FOR PRESENTING A SCIENTIFIC PAPER IN THE MEETING.

25. TITLE:-"**JAAN LEVA MASTISHKA JWAR KA ILAJ**".

AUTHORS:- A.K.BAGGA.

JOURNAL:-MALARIA PATRIKA (Hindi) published from Malaria Research Center (ICMR), Delhi March 1994:19-20.

26. TITLE:-"Immunotherapeutic trials using BCG & Mycobacterium strain w. alongwith MDT in highly bacillated BL/LL cases".

AUTHORS:-Kiran Katoch, M.Natrajan**, A.K.BAGGA , Sreevatsa**, V.D.Sharma** & C.T. Shrivannavar**.**

JOURNAL:- Quaderni Di Cooperazione Sanitoria, Health Cooperation Papers : N12 : 1991 :241-246.

27. TITLE:-"Reduction in CD1 Positive Langerhans Cells Numbers in Leprosy following epicutaneous application of 2:4 Dinitrochlorobenzene".

AUTHORS:-R.B.Narayanan, M.Natrajan**, A.K.BAGGA & V.M.Katoch**.**

JOURNAL:- Indian Journal of Leprosy, Vol.65, No.4 (1993) : 423-427.

28. TITLE:-"Comparative Anti-relapse Efficacy of CDRI Compound 80/53 (Bulaquine) Vs Primaquine in Double Blind Clinical Trial".

AUTHORS:-Neena Valecha*, T.Adak*, A.K.BAGGA, O.P.Asthana**, J.S.Srivastava****, Hema Joshi* and V.P.Sharma*.**

JOURNAL:-CURRENT SCIENCE, Vol. 80, No.4, 25 FEBRUARY 2001.

29. EPIDEMIOLOGICAL REPORTS OF MALARIA CLINIC AT MRC, NIRANKARI COLONY, Delhi-110009. Annual as well as periodical reports, from time to time, were prepared in regular manner. Monthly report was sent for the Meeting on Malaria every month in the Office of Lt. Governor of Delhi held on monthly basis.

30. AUDIO-VISUAL PUBLICATIONS:-

Worked with the Audio-visual unit of ICMR, located in the MRC, Nanak Enclave, Delhi -110009 in the preparation of the following teaching aids in the form of video films. These were later distributed to many medical colleges in India and outside, esp. Nepal and Bangladesh. The topics covered were:-

i. Life-cycle of Malarial Parasite.

ii. How to make the Blood-smear and stain it.

iii. How to treat Uncomplicated Malaria.

iv. DISEASE MANAGEMENT-CEREBRAL MALARIA.

v. Malaria in Pregnancy.

31. TITLE: - CLINICO-MORPHOLOGICAL PATTERNS OF BREAST CANCERS INCLUDING FAMILY HISTORY IN A DELHI HOSPITAL, INDIA-A CROSS-SECTIONAL STUDY.

MANUSCRIPT NO.: MS ID - 1010270421581246

AUTHORS: - Sunita SS Saxena Dr., Bharat BR Rekhi Dr., Abju AB Bansal Dr.,

Ashok ASB Bagga Dr., and NS Murthy Dr.

- JOURNAL: - World Journal of Surgical Oncology, 3:67 (13 Oct 2005)**
32. **TITLE: - "STUDY OF IMMUNO-REACTIVITY TO TUMOR MARKERS IN CARCINOMA GALLBLADDER".**
- AUTHOR: Dr. A. K. BAGGA**
- JOURNAL: - GASTROENTEROLOGY TODAY 2006;10:160-166 Published in the October-December 2006 issue of the journal.**
- 33 **TITLE: IS MICROSCOPIC EXAMINATION NECESSARY IN ALL THE HYSTERECTOMY SPECIMENS?**
- Journal : OBS & GYNAE TODAY March 2007 Vol. XII No.3:145-146**
- Published in the March 2007 issue of the journal.**
- Authors: - Dr. Avninder Pal Singh, MD (Path.); Dr.Ashok K. Bagga, MBBS, MS(BMS), BITS, Pilani**
- 34 **Published an ABSTRACT entitled: "CANCER REHABILITATION" in Proceedings of 37th Annual National Conference (IAPMRCON 2007) of Indian Association of Physical Medicine & Rehabilitation held on 16th to 18th January, 2009 at Science City Kolkota.**
- Author: Dr. A. K. Bagga, Scientist 'D', Institute of Pathology (ICMR), Delhi.**
- Journal: Souvenir released on occasion of 37th Annual National Conference of Indian Association of Physical Medicine & Rehabilitation.**
- 35 An article on **LIFESTYLE DISEASES** published in **IOP News letter** Vo.8 (1-4) 2009, pp. 5-8.

Footnote:-

* -Malaria Research Center(ICMR), 22, Shamnath Marg, Delhi-110 054 (INDIA).

** - Central JALMA Institute for Leprosy (ICMR), Agra-282 001(UP) India.

*** -Kalawati Saran Children Hospital (LHMC),Delhi ,India.

**** - Central Drug Research Institute of CSIR, Lucknow (UP), India.

POPULAR ARTICLES:-

1. ARTICLE IN HINDI IN MALARIA PATRIKA-JAAN LEVA MASTISHKA JWAR KA ILAJ, in March 1994 issue of the patrika , at MRC, Delhi.
2. Notes on CHEMOTHERAPY OF MALARIA meant for circulation among general practitioners, field workers in malaria from various agencies, physicians involved in the patient-care and medical undergraduates of various medical colleges.
3. Various video cassettes like on Malaria in Pregnancy and Life cycle of malaria parasite are being translated in different regional languages to be better understood by the people of different parts of India.
4. An article on cover page of Quarterly NEWS LETTER of Institute of Pathology, Jan 2005 issue entitled-"HISTORY/ BIRTH OF LEPROSY: Eighty years of Caring and Curing".
5. An article on LIFESTYLE DISEASES published in IOP News letter Vo.8 (1-4) 2009, pp. 5-8.

PROFESSIONAL COMMUNICATION TO JOURNALS/MAGAZINES:-

1. CEREBRAL SYMPTOMS ON ACCOUNT OF P.vivax MALARIA , communicated to Indian Journal of Malariology, Delhi.
2. Work done in Clinical Research Unit at Kal;awati Saran Hospital, Delhi; entitled- "CLINICAL PRESENTATION OF CASES, SIDE-EFFECTS OF THERAPY AND COMPLICATIONS IN PEDIATRIC AGE-GROUP ESPECIALLY THE RADIOLOGICAL LUNG CHANGES". THIS WORK IS ALREADY COMMUNICATED TO INDIAN PEDIATRICS.
3. Another article in Hindi as a Popular article is ready to be communicated to Malaria Patrika any time.
4. A paper entitled-"CLINICAL AND BACTERIOLOGICAL PROGRESS OF HIGHLY BACILLATED BL/LL PATIENTS, DISCONTINUING TREATMENT AFTER VARYING PERIODS OF MULTIDRUG THERAPY".

Authors: -K. Katoch, M. Natrajan, A.K.BAGGA and V. M. Katoch.

The work has already been communicated to the International Journal of Leprosy

PROFESSIONAL ABSTRACTS:-

- 1."OBSERVATIONS ON CLINICAL ASPECTS OF P.vivax MALARIA", published in proceedings of Annual Meeting of Indian Association for Malaria & Other Diseases, held on 29th-30th, Dec. 1993.
- 2."DRUG TRIAL WITH 80/53 -A SMALL REPORT", published in proceedings of GLOBAL MEET ON PARASITIC DISEASES IN DELHI w.e.f. 18-22 March, 1996 on p 143.

3. During the same meeting as in Sr.no.2 above, another abstract on "DERMATOLOGICAL SIDE EFFECTS OF CHLOROQUINE THERAPY" was published on p 198-199.

4. OBSERVATIONS ON CLINICAL ASPECTS OF P.vivax MALARIA presented as a paper in Fortieth Annual Meeting of Indian Public Health Association in Jamia Hamdard , Delhi from 9th to 11th Feb. 1996.

5. DERMATOLOGICAL SIDE EFFECTS OF CHLOROQUINE sent as abstract and got published in the Soveneir released on the occasion of Twelfth Congress of Parasitology, held at GOA from 8th to 10th Feb., 1995.

Annexure-II

Workshops/conferences/Seminars/ Symposia/Training Programmes participated in/conducted or organized by the Institute of Pathology:- (Selected Ones)

- On **07-02-2003**, Demonstration was held in the Conference room of the INSTITUTE OF PATHOLOGY (ICMR) on CONFOCAL MICROSCOPY - LIVE CELL DEMONSTRATION Part-I. It was arranged by M/S Blue Star for M/S Perkin Elmer and demonstrated the technique and applications of systems of live cell demonstration by Perkin-Elmer. I attended the same and actively took part in the deliberations.
- On **01-3-2003**, invited to attend **National Science Day Seminar** at Conference Hall of **Indian Council of Medical Research, Ramalingaswamy Bhawan, Ansari Nagar, New Delhi-110 029**. The theme was -"**50 years of DNA, 25 years of IVF-The Blueprint of Life**". The speakers included eminent scientists like Dr. Indira Nath, Dr. Deepankar Chatterji, Dr. Shahid Jamil, Dr. Ranju Ralhan, Dr. Anand Kumar, Dr. Indira Hinduja, Dr. Sudershan Ghosh Dastidar & Dr. Sumit Mukherjee.
- On **12-3-2003**, invited vide letter no. {DDG(SG)/JC/2002 Dt. Mar.7,2003} to attend a lecture at 3 p.m. in Conference Hall of ICMR (Hd.Qtrs.) entitled-"**BEHAVIOURAL APPROACHES TO HIV PATIENTS**". The talk was delivered by Dr. Kameth Mayer, Prof. Med. & Comm. Health at Brown University, Rhode Island. The session was chaired by the Director General, ICMR.
- On **14-3-2003**, a demonstration was held in the Conference room of the INSTITUTE OF PATHOLOGY (ICMR) on CONFOCAL MICROSCOPY - LIVE CELL DEMONSTRATION Part-II. It was arranged by M/S Blue Star for M/S Perkin Elmer and demonstrated the technique and applications of systems of live cell demonstration by Perkin-Elmer. I attended the same and actively took part in the deliberations
- On **20-3-2003**, a class-cum-demonstration for M. D. (Gynecology) Final year's students from Safdarjang Hospital, Delhi was arranged in the Display Room of the INSTITUTE OF PATHOLOGY (ICMR), wherein I assisted Dr. (Mrs.) Usha Burra (SRO, I.O.P.). Several specimens of interest and the pathological findings related to these, were taught to the students.
- On **25-4-2003**, invited to attend **FOUNDER MEMORIAL LECTURE** of Shriram Institute For Industrial Research (A Unit of Shriram Scientific and Industrial Research Foundation) delivered by Dr. (Mrs.) Manju Sharma, Secretary, Ministry of Science & Technology, Department of Biotechnology, New Delhi at FICCI Auditorium, Tansen Marg, New Delhi-110 001 on the subject-"**Biotech Industries : Opportunities & Challenges**".
- On **01-5-2003**, **Smt. Pushpa Sriramachari Foundation Day Oration WAS ORGANIZED BY MYSELF AT AUDITORIUM, I. O. P.** The Oration Lecture was delivered by Dr. N. K. Ganguly, Director General, I. C. M. R., Delhi. Eminent

Scientists and various dignitaries from Safdarjang hospital, A.I.I.M.S. & I. C. M. R. graced the occasion, which was CHAIRED BY Prof. Asis Datta of National Institute of Immunology, Delhi.

- On **13-5-2003**, invited to attend the celebrations of NATIONAL TECHNOLOGY DAY ORATION at Auditorium of the INSTITUTE OF PATHOLOGY (ICMR), Delhi. Dr. K. Kannan from G.G.S.I.P. University delivered the Oration Lecture.
- On **22-5-2003**, attended a talk on HEALTHY SPERMS organized at auditorium of the INSTITUTE OF PATHOLOGY (ICMR), Delhi under auspices of Ranbaxy Group of Laboratories, Delhi. New EQUIPMENTS FOR SPERM ANALYSIS were displayed.
- On **2nd and 3rd June 2003**, assisted in the organization of "SENSITIZATION WORKSHOP ON INTERNATIONAL CLASSIFICATION OF FUNCTIONING DISABILITY AND HEALTH" mainly arranged by Physical Medical Rehabilitation Department of Safdarjang Hospital, Delhi.
- On **12-6-2003**, **Auction** of the office vehicle no. DEB 4957 (Ambassador Car, Model: 1981) was held on "As is where is basis". I **chaired the auction committee** constituted by the Officer-in-Charge vide Office Circular No.IP(S-I)/Condemn./2003-04/869 dated 10th June 2003.
- On **23-6-2003**, organized and participated actively in meeting of the GARDENING COMMITTEE of the institute. The current requirements of the garden and problems coming in the way to procure items needed for the upkeep of the garden were discussed.
- On **13th & 14th September 2003**, invited as **complimentary member-delegate** to participate in the **National Cancer Congress-2003** organized by **Dharmshila Cancer Hospital & Research Center, Delhi at hotel Hyatt Regency**. Many scientists and clinicians of National and International repute deliberated in the proceedings. I showed keen interest in the deliberations.
- On **30-9-2003**, attended the session on Theoretical as well as Practical aspects of FLOWCYTOMETRY as a part of the WHO TRAINING (one month) going on in the INSTITUTE OF PATHOLOGY (ICMR), during September 2003.
- On **14-10-2003**, attended and actively participated in discussions during a talk delivered by Dr. S. Jayaraman (Dy. Dir., I. O. P.) on topic- "**BIO-ETHICS**".
- On **8th & 9th December 2003**, attended a WORKSHOP ON LEISHMANIASIS organized at the INSTITUTE OF PATHOLOGY (ICMR), New Delhi-110029.
- On **23-2-2004**, attended a demonstration on RT-PCR by STRATAGENE (Mr. Neeraj Gupta) in the conference room of the institute.

- On **19-3-2004**, attended a Seminar on "**System for Microgenomics : Cell-specific Molecular Analysis**", delivered by Ms Ann Bennett, Field Application Scientist of ARCTURUS (a company dealing in systems for microgenomics), U.S.A. The seminar was held in the conference room of I.O.P. and attended by all the scientific staff.
- On **02-4-2004**, attended **One-day SEMINAR** on "**ADVANCES IN SCIENCE AND TECHNOLOGY AND ITS MANAGEMENT**" at School of Life Sciences Auditorium of **JAWAHARLAL NEHRU UNIVERSITY**, Delhi. It was a part of **QUEENSLAND UNIVERSITIES SEMINAR SERIES** organized by Centre for Biotechnology & School of Life Sciences, J.N. U., QUEENSLAND University and Australian High Commission.
- On **17th April 2004**, invited to attend the **19th Annual Conference - Delhi Chapter of Indian Association of Pathologists and Microbiologists (IAPM)**, organized by **University College of Medical Sciences & GTB Hospital, Delhi-110 095** and held at **FICCI Auditorium, Tansen Marg, New Delhi-110 001**. I am a life-member of the association.
- On **23-4-2004**, a group of students of M.B.B.S. from various Medical Colleges of India, visited the Institute of Pathology under "**Kishore Vaigyanik Protsahan Yojana Programme**" from **DST**. As the officer-in-charge of the Museum, I demonstrated to the students the various techniques being used for keeping the specimens in the museum and teaching materials & other teaching aids being prepared and distributed through the museum for teaching purpose to other institutions in India and abroad.
- On **27-4-2004**, attended a meeting to discuss about arrangements for the oncoming **4th Smt. Pushpa Sriramachari Oration Function** likely to be organized on **17th May 2004**. All the scientific staff including the Officer-in-Charge as well as some administrative personnel participated in the meeting to chalk out details of the arrangements.
- On **04-8-2004**, a meeting held in the conference room of IOP at 3 p.m. to conduct a **survey by Dr. Juneja and Dr. Nandini Roy of IRMS (ICMR)** to find out the satisfaction level among the scientific staff of IOP.
- On **12-8-2004**, attended a **demonstration** held in library of IOP for explaining the **Customised E-Journal Gateway cum database service** to the library for the journals subscribed by them.
- On **06-9-2004**, a meeting held in conference room of IOP to mark the **INAUGURAL FUNCTION OF WHO TRAINING FOR ADVANCED LEVEL TECHNICIANS** (four weeks) at the Institute. Guest faculty from various departments of Safdarjang Hospital also attended the meeting and assured their full cooperation for imparting training in their areas of work e.g. Microbiology, Hematology etc.

- On **08-9-2004**, a meeting held in the conference room of IOP with a **visitor from MYANMAR , Mr. Iko**. The visiting scientist had visited IOP w.e.f. 08-9-2004 to 10-9-2004 to study administrative aspects of funds management in a scientific institution. The information to be achieved from our institute is expected to be utilized by the visitor in his own place after the visit.
- On **09-9-2004**, a **guest lecture by Dr. N. S. Murthy (Consultant in Statistics)** was attended on topic – “PROBABILITY ANALYSIS – VARIABLES IN BIOLOGY AND DESIGN OF STUDIES”, held in the conference room of IOP.
- On **13-9-2004**, attended **inaugural function of WHO SPONSORED BASIC LEVEL TECHNICIAN’S TRAINING** at conference room of IOP. Guest faculty from various departments of Safdarjang Hospital also attended the meeting and assured their full cooperation for imparting training in their areas of work e.g. Microbiology, Hematology etc.
- On **15-9-2004**, **deputed** by the Officer-in-Charge of IOP to attend a meeting at ICMR Headquarters, Delhi, (as per ICMR letter no. P & I / Hindi/ 73/ 04/2354 dated 02-9-2004) **where a seminar was organized on topic** – “JEEWAN SHAILI AUR SWASTHYA”. Various eminent speakers from different areas of Health were invited to share their experiences on the topic.
- On **05-10-2004**, invited to attend the **VALEDICTORY FUNCTION OF THE WHO TRAINING OF ADVANCED LEVEL LABORATORY TECHNICIANS** held in conference room of IOP followed by a group photograph with the trainees. The guest faculty from Safdarjang hospital , which participated in the training, also attended the meeting.
- On **29-10-2004**, Attended a **Demonstration on NETWORKING OF COMPUTERS**, held at conference room of IOP.
- On **09-11-2004**, attended a talk on **STATISTICS-CORRELATION & LINEAR REGRESSION**, delivered by Dr. Krishnamurthy, statiastician and retired scientist of ICMR.
- On **29-12-2004**, attended the meeting to **INAUGURATE THE WHO TRAINING for Pathologists** (one month duration) under the auspices of World Health Organization , for which IOP is a recognized training center. A total of four trainees from different parts of India joined the training.
- On **03-01-2005**, ORGANIZED AND CONDUCTED a **CONDOLENCE MEETING** to pay homage to departed souls in the recent **tsunami disaster** in India and other countries.
- On **28-01-2005**, attended the **VALEDICTORY FUNCTION** of WHO training of pathologists (one month) held successfully at IOP since 29-12-2004.

- On **01-02-2005**, attended a talk on **GLP & ISI CERTIFICATION and STANDARD OPERATING PROCEDURES**, delivered by Dr. S. Jayaraman, Dy. Dir. , IOP in the conference room of IOP.
- On **9th to 12th February 2005**, attended the **UICC sponsored 24th International Conference of Indian Association for Cancer Research (IACR) and International Symposium on Role of HPV in Cancer Cervix** held at Institute of Cyto-pathology and Preventive Oncology (**ICPO**) (**ICMR**), **NOIDA**, Gautam Budh Nagar, U.P. (India).
- On **14-02-2005**, attended **Dr. Yella Pragada Subba Rao Oration Award Lecture and Function** jointly organized by **Delhi Chapter of Clinical Biochemists and Department of Biochemistry of A.I.I.M.S.** at **A.I.I.M.S auditorium**. **Dr. Raghunath Anant Mashelkar**, FRS delivered the **Oration Lecture** and was awarded the Oration.
- On **17-3-2005**, attended at 3.00 p.m. a **Guest Lecture by Dr. Krystof (Chris) Leowski, Director, Centre for Computing in the Humanities & Social Sciences Rational Vision Inc. Mississauga, Ontario, University of Toronto, Canada** at ICMR Headquarters, Delhi. The topic was **“Design and organization of large time series based and multi-dimensional health care, public health and health indicators data bases”**.
- On **12-4-2005** attended a **Demonstration-cum-Lecture** in conference room of IOP by **M/S INNOVATIS ON CELLSCREEN**. They explained about **Cell Culture Analysis** using their latest introduction of a cell analysis system.
- On **28-4-2005**, interacted with a **DELEGATION OF BULGARIAN SCIENTISTS**, who visited the IOP as a part of the **Inter-country Cooperation in Science & Technology** between Department of Science & Technology, India and Ministry of Science, Bulgaria. Discussed on areas of research which may be of common interest and may generate projects of bilateral cooperation in the field of science.
- On **05-5-2005**, assisted in the organization of **NATIONAL SCIENCE DAY ORATION** on occasion of the **TECHNOLOGY DAY 2005** at auditorium of IOP. **Dr. Ravi Prakash , Professor & Dean (R&C), BITS, Pilani, Rajasthan – 333031**; gave the Oration Lecture and the Oration was awarded to him.
- On **17-05-2006**, an **INVITED TALK** was attended in the conference room wherein **Dr. Paresh Jain from BD, BioSciences** discussed about **“Cytokine Based Array Assay & CBA Flex Technology”**.
- On **27-7-2005** at 3.00 p.m., **ORGANIZED ‘5TH Smt. PUSHPA SRIRAMACHARI FOUNDATION DAY ORATION’** in the Auditorium of the Institute of Pathology. The theme of oration was chosen as **“MOLECULAR GENETIC BASIS OF SOME INHERITED EYE DISEASES”**, delivered by **Dr. S. Varadarajan, Former Director General, CSIR**. All scientists & other

- staff members of IOP plus several invited guests/dignitaries attended and participated in the function, On following day, i.e. on **28-7-2005**, a Seminar on **“POST INDEPENDENCE PROGRESS OF INDIAN PATHOLOGY – PERSPECTIVES FOR THE FUTURE”** was organized. Several renowned scientists / pathologists delivered their lecture, visited various laboratories and other parts of the institute.
- On **05-8-2005**, attended a Presentation by M/S Thermo-pharma Electric Corporation of U.S.A. on **‘VALIDATION AND MAINTENANCE OF LABORATORY EQUIPMENTS’**. Mr. Srinivasan of that company delivered the talk-cum-demonstration. They are channel partners to TOWA OPTICS.
 - On **20-8-2005** (Sat.), the **P. S. to the Minister of Health & Family Welfare, Government of India** visited our Institute. The visitor went around the various laboratories and interacted with all the scientific staff. He showed very active interest in the areas of research undertaken at IOP as well as the research facilities available here. **Dr. (Mrs.) Vasantha Muthuswamy (Sr. Dy. Dir. Gen. and Head of BMS Div., ICMR)** accompanied the visitor and explained how cancer research in all the concerned institutes of ICMR is coordinated and supported by the headquarters of the organization.
 - On **23-8-2005**, attended a **talk-cum-demonstration** in the conference room of IOP wherein a talk was delivered by **M/S Xenogen** on **‘IN-VIVO IMAGING TECHNIQUES’**.
 - On **24th & 25th August 2005**, in the capacity of Officer-in-Charge, Maintenance Division of IOP assisted in organization of **‘FIRST REGIONAL PARTNERSHIP WORKSHOP ON HS-PROD’**. It was organized by **Institute for Research in Medical Statistics (IRMS), ICMR** In Collaboration with **Central Bureau for Health Intelligence, Ministry of Health & Family Welfare** and **Technical Support from European Commission Technical Assistance**.
 - On **31-8-2005**, **Organized the farewell of Dr. S. Jayaraman (Deputy Director) at Institute of Pathology. Also conducted the proceedings** in the Auditorium of IOP which were followed by light refreshments for all staff (scientific, administrative & supportive) as well as students (RF’s, SRF’s & Res. Associates).
 - On **20-9-2005**, **Won Second Prize in National Debate in Hindi at ICMR (HQtrs.). A CERTIFICATE TO THAT EFFECT RECEIVED FROM THE DIRECTOR GENERAL, INDIAN COUNCIL OF MEDICAL, RESEARCH, New Delhi along with CASH PRIZE OF RUPEES EIGHT HUNDREDS. The Debate was held on the occasion of HINDI DIWAS.**
 - On **31-10-2005**, attended the meeting to conduct **farewell of Sh. N. K. Sharma (Accounts Officer)** in the Auditorium of Institute of Pathology. He **superannuated from services** of ICMR on this day.

- On **09-12-2005**, **undergraduate students of Biotechnology, Jamia Millia University, New Delhi visited the Display Room / Museum** as a part of their visit to our Institute
- On **23-02-2006**, attended at 4 p.m. a **Demonstration** on “**ULTRACRYOMICROTOME**” in the conference room of IOP. **Dr. Joesech Prutsch from Leica Microsystems** gave the demonstration, which was attended by all the scientific staff of the institute.
- On **01-3-2006**, attended a **guest lecture** in conference room of IOP on “**LEISHMANIASIS**” delivered by **Dr. Schionian from Germany**. All the scientific staff of the institute attended the discussions focussed primarily on Molecular Epidemiology in Leishmaniasis.
- In **March 2006**, attended a **guest lecture** at conference room of IOP, delivered by **Dr. Jean Claude Gueden, Professor, University of Montreal, Canada**; entitled – “**OPEN ACCESS TO PUBLICATIONS**”. The speaker was invited by Publication Division of ICMR (Headquarters), who also participated in the deliberations.
- On **16-4-2006**, **participated in the organization and deliberated actively in the Annual Meeting of IAPM (Delhi Chapter)** organized by Institute of Pathology (ICMR) at **SCOPE COMPLEX Lodhi Estate, New Delhi-110003**. Several renowned scientists as well as dignitaries from various institutions were invited on the occasion which was **chaired by the Director General, ICMR and DGHS, Min. of H. & F. W., Govt. of India** was the Chief Guest.
- On **28-04-2006**, attended a **talk** on “**Advent of Proteomics and Immunohistochemistry – Need for Reappraisal**” – delivered by **Dr. S Sriramachari, Founder Director of the Institute of Pathology** at 11 a.m. Again, at 3.30 p.m., a **talk** was delivered by **Dr. N.C. Nayak** on the occasion of **6th Smt Pushpa Sriramachari Foundation Day Oration** and topic of talk was – “**Temporal Changes in the scenario of major hepatopathies**” A Global Perspective.
- On **12-05-2006**, attended an INVITED LECTURE at ICMR (Hdqtrs.) wherein **DR. BIBEK DEBROY, Secretary General PhD Chamber of Commerce & Industry, New Delhi** delivered an illuminating talk on –“**INDIAN HEALTH SECTOR : PROGRESS TOWARDS THE MDG’s (Millenium Developmental Goals)**”. This was celebrated as a part of the **TECHNOLOGY DAY ORATION** at ICMR. The Director General, ICMR, **Prof. Dr. N. K. Ganguly** presided over the function and vote of thanks were delivered by **Dr. Sadhana Srivastave (SRO)**.
- In **June 2006**, attended an INVITED EXPERT TALK in the conference room of IOP wherein **Dr. Paresh Jain of BD Bioscience Division** delivered a talk on ‘**ANGIOGENESIS**’ made reference to Technical Data Sheets available o

- Internet about various markers for detection of angiogenesis and apoptosis in human tumors.
- On **25-7-2006**, attended the **PERSONAL DISCUSSION at ICMR headquarters**, Ramalingaswami Bhawan, Ansari Nagar, New Delhi—29; in concern with Five Yearly Assessment / Promotion Scheme of research scientists. The meeting was chaired by Dr. Bhattacharya Ji (Addl Director General, ICMR) along with other experts & scientists from various institutions of India.
 - On **14-8-2006**, **Organized and conducted the proceedings** of the meeting of all the staff & scientists of IOP to celebrate **Independence Day** and to **pay respect the National Flag** atop the Institute's Building. **The Director, IOP addressed the gathering** and a few staff members sung patriotic poems on the occasion.
 - On **04-9-2006**, **Organized and conducted a Condolence Meeting** to pay homage to **Sh. J. P. Sharma, Ex-Administrative Officer of IOP** on his unfortunate sudden demise on 03-9-2006.
 - On **19-9-2006**, in continuation with the journal club meeting, attended another meeting chaired by the Director, IOP to discuss about **preparation of VISION DOCUMENT** by all the scientists for coming 5/10years. Also a concept was made to have a common long-term project in the Institute wherein all the scientists could contribute their part.
 - On **20-9-2006**, **Invited to attend** a function for **“UNVEILING OF INAUGFURAL PLAQUE BY THE Hon'ble HEALTH MINISTER OF INDIA”**, (Hon'ble Union Minister of Health & Family Welfare, Govt. of India **Sh. Dr. Anbumani Ramadoss**) at 10.30 a.m. at **ICPO Front Lawn**. **Dr. Nirmal K. Ganguly**, Director-General, ICMR Presided over the function. Distinguished Guest of Honor at the function included **Dr. John W. Sellers, Senior Medical Advisor, Reproductive Health, (Program for Appropriate Technologies in Health) PATH, Seattle, USA**. It was followed by a MINI SYMPOSIUM on **“Recent Trends in Transnational Cancer Research”** on the occasion of Inauguration of its New Campus at Conference Room, ICPO, NOIDA. **Dr. John W. Sellers, USA was the Chairperson for the session.**
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- On **9th to 11th October 2006**, attended and actively participated in the **TRAINING WORKSHOP ON DNA SEQUENCING** sponsored by **LABINDIA** at Institute of Pathology and learnt various techniques involved in DNA Sequencing demonstrated by M/S LabIndia.
 - On **18-10-2006**, attended the **ICMR Annual Day Oration Lecture** at 4.00 pm. at **National Institute of Immunology, Aruna Asaf Ali Marg, J.N. U. Campus, New Delhi-110 067**. The **Oration Lecture** was entitled – **“GLOBAL RESEARCH AND ITS ROLE FOR A RESEARCH UNIVERSITY”** delivered by **Dr. Frank B. Cerra, Senior Vice President of Health Sciences,**

University of Minnesota, USA. The function was Chaired by **Dr. K. K. Talwar, Director, PGIMER, Chandigarh.**

- On **01-12-2006**, ORGANIZED a function on **“Observance of Vigilance Awareness Week,2006**, as per the orders from ICMR (Headquarters) vide their Letter No. D. O. No. Vig./25/2006 Dated 25th October 2006, signed by **Sh. Mohinder Singh, Sr. DDG (Admn.) & Chief Vigilance Officer, ICMR** , New Delhi-110029. All the scientists as well other staff members attended the function chaired by the Director, IOP. The **Pledge/Oath**, as directed by the Chief Vigilance Commission, Govt. of India, was taken by all the staff members in Hindi as well as in English followed by singing of the National Anthem. The proceedings of the function were conducted by me.
- On **15th & 16th December 2006**, attended and participated in the Annual Meeting of Scientific Advisory Committee (SAC) of Institute of Pathology (ICMR). Participated in the discussion on New Project on Attention Deficit Hyperactivity Disorder (ADHD).
- On **2nd & 3rd January 2007**, attended a series of **Guest Lectures by Dr. Scott Anderson**, Assistant Professor, University of Vermont, **Vermont** followed by lecture on **“Cervical Cancer and HPV Vaccine Prospects in India by Dr. B. C. Das, Director, ICPO (ICMR)** on 2nd January. It was followed on 3rd January by **guest lecture on “Lung and Mediastinal Fine Needle Aspirations”** and another lecture on **“Unknown Case Presentations of Interesting cases from Vermont”** by **Dr. Scott Anderson**. The talks included interesting **Quiz’s** on the concerned subjects also.
- On **09-01-2007**, attended a journal club meeting in the conference room of IOP wherein a talk on **“Diagnostic Intra-operational Brain Smear”** was delivered by Dr. Himanshu Rai (Res. Associate).
- On **11-01-2007**, **Dr. Maung Maung Toe from Myanmar visited** Institute of Pathology and discussed with all the **scientists about the activities / programs** dealt by the Institute. All scientific staff had a meeting with him at 10 A.M. in the Conference Room of IOP.
- On **18-01-2007**, attended a **Guest Lecture Presentation by Mr. Umesh Pawa** of Lab India on **“Technology and Application of Proteomics”** by M/S Lab India at 10.30 a.m. in the conference room of IOP. He dealt with technical details of **Proteomics and Applied Systems**.
- On **25-01-2007**, invited to attend a **Guest lecture held in Auditorium of IOP on “Epigenetic Approaches in Cancer Control”**, delivered by **Dr. Mukesh Verma (PhD)** Acting Chief, Analytical Epidemiology Research Branch, Epidemiology and Genetics Research Division of Cancer Control and Population Sciences, **National Cancer Institute, USA**.

- On **12-02-2007**, attended a Seminar on Title –“ Early Events of Leishmania Infection: Disease Promoting Role of Neutrophil Granulocytes and Apoptotic Parasited”. Theseminar was held in conferenceroom of IOP and speaker on the occasion was Prof. Thomas :Laskay, Institute for Medical Microbiology and Hygiene, University of Lubeck, Lubeck, Germany. All scientists and students of IOP attended the seminar.
- On **17-02-2007**, invited to attend the **Quarterly Meeting of the Delhi Chapter of IAPM (Indian Association of Pathologists & Microbiologists)** held at Ground Floor Lecture Theatre, Pathology Block, Maulana Azad Medical College, New Delhi. There were **two guest lectures** (by **Dr. R. K. Saran** on “Indeterminate Colitis” & by **Professor Sarla Das** on “Congenital Myopathies”) held on the occasion followed by Slide Discussion.
- On **28-02-2007**, a **Guest Lecture** was attended in the Auditorium of IOP wherein a talk on **”SCIENCE BEHIND IMMUNOHISTOCHEMISTRY”** was delivered by **Mr. Lenart Bonnelyke, Technical Expert – DAKO, UAE.**
- On **02-3-2007**, attended a “**Demonstration on Devices with Microscopes**” held in the conference room of IOP.
- On **13-3-2007**, attended a workshop on Graphical, Statistical & Image Analysis at Conference Room of the Institute of Pathology (ICMR) sponsored by **Mr. Rajesh of Cranes International, Partner for Matler**. A detailed introduction to **Sigmastat** and **SigmaPlot** softwares was given.
- On **14-3-2007**, attended an **invited talk** by **Mr. Pressie Chaumet, CEO & MD ALPHELYS, Leutz, Markins** on the topic **–“INTEGRATED SOLUTIONS – DESIGNER FOR HISTOPATHOLOGY AND CYTOLOGY ROUTINE & RESEARCH WORK”**. The topics covered included – BIO-BANKING, TISSUE ARRAYS, VIRTUAL PATHOLOGY/DIGITILIZATION OF SLIDES & SHARING ON NETWORK, LIQUID BASED CYTOLOGY, GENETICS including Karyotyping, FISH, MFISH etc.
- On **15-3-2007**, as per office circular no. 20/4/86-Hindi dated 21-2-2007 of ICMR, Delhi; **an inspection was conducted of the Institute of Pathology by Senior Hindi Officer of Indian Council of Medical Research (Dr. Dinesh Chand Tripathi)**. It was regarding observation of directions concerning **use of Rajbhasha Hindi** at the Institute in its day to day functioning.
- On **19-3-2007**, attended an **International Conference on Facilitation of Supply Chain for Disaster Management 2007** organized by **Responsetnet.com** at Conference Hall No.7, 1st Floor, Gate No.7, Pragati Maidan, New Delhi.
- On **16th to 18th April 2007**, **participated in the organization of NATIONAL WORKSHOP ON MICRO-ARRAY TECHNOLOGY** organized jointly by **Institute of Pathology (ICMR), Genomic Solutions Inc. & DSS Imagetech Pvt. Ltd. Delhi**. I had actively participated in the organization of this workshop

and got APPRECIATION from Dr. Sunita Saxena, Chairperson of the Organizing Committee and Director, IOP.

- Attended 7th Joint Conference of Indian Society for Malaria and other Communicable Diseases and Indian Association of Epidemiologists held at RMRC, Jodhpur from 27th to 29th October 2007. I Presented a paper during the conference on “PATHCLAPSCAN and its role in management of LIFESTYLE DISEASES”.
- On 11-01-2008, as per IOP office circular no.3170 dated 07-01-2008; attended and actively participated as Hindi Officer of the Institute of Pathology, in Deliberations on “SANGH KI RAJBHASHA NITI” delivered by Sh. Dinesh Chandra Tripathi of Hindi Section of ICMR (Headquarters). The meeting was chaired by the Director of IOP, Dr. Sunita Saxena and Vote of Thanks proposed by Administrative Officer, IOP(Mrs. Saratha).
- On 16-01-2008, as per office circular no.3238 dated 14th January, 2008; attended a **Guest Lecture** in conference room of IOP wherein a talk was delivered on PROTEOMICS Dr. Ranju Ralhan, Professor, Department of Biochemistry, AIIMS. The topic of talk was –**“Discovery of Novel Cancer Biomarkers and Drug Targets using Proteomics”**.
- On 24-01-2008, attended a **GUEST LECTURE** at 2:30 pm in the conference room of IOP delivered by **Dr. Katrin Kuhls, Charite University, Institute of Microbiology & Hygiene, Berlin, Germany**. The topic of lecture was – **“POPULATION GENETIC STUDIES OF LEISHMANIA DONOVONI FROM INDIAN SUBCONTINENT USING MULTILOCUS MICROSATELLITE TYPING”**.
- On 05-02-2008, a **DEMONSTRATION** of Slide Scanner was conducted by DSS (M/S Darbara Singh & Sons) Company Personnel in the conference room of IOP wherein they demonstrated about **CYTOMETRY, VIRTUAL IMAGING AND VIRTUAL SLIDE BOX** etc.
- On 11-02-2008, attended a **Guest Lecture** in the conference room of IOP. The lecture was entitled-**“Significance of osteopenin in Breast cancer”** delivered by **Dr. Gopal Kunde, National Science Centre, Pune**.
- On 26-02-2008, attended a seminar on –**“ATOMIC FORCE MICROSCOPY”** in conference room of IOP wherein the talk was delivered by Dr. Punita Rao (SRF);
- On 27th February 2008, as per the office order no.5/7/154/06-RHN dated 19-02-2008 from Dr. S. K. Bhattacharya, Addl. Director General, ICMR; the scientific staff of IOP was invited to attend the **CLOSING CEREMONY** of International Conference on Microbicides, M2008 at Convention Hall of Hotel Ashok, New Delhi. Sh. Kapil Sibal, Union Minister of Science &

- Technology and Earth Sciences chaired the session. Dr. Peter Piot, Executive Director,UNAIDS addressed the meeting.**
- **On 08-3-2008, attended the Quarterly Meeting of Delhi Chapter of Indian Association of Pathologists & Microbiologists (IAPM) at Lecture Theatre-I, University College of Medical Sciences (UCMS), Shahdara, Delhi-110095.**
 - **On 20-3-2008, attended a Presentation in the Conference Room of IOP, by LABMATE-India on Denaturing High Performance Liquid Chromatography (DHPLC) wherein a demonstration was given by Mr. Rajesh Vashishth of LABMATE-India.**

LIST OF SCIENTIFIC MEETINGS/CONFERENCES ATTENDED IN 2008-2009

- **On 01-05-2008, 8th Smt Pushpa Sriramachari Foundation Day Oration Award Function was held at IOP; wherein Prof. P. Balram, Director, Indian Institute of Science, Bangalore delivered the Oration. Dr. S. K. Bhattacharya, Addl. Director General ICMR was the Chief Guest on the occasion and Dr. Vasantha Muthuswamy, Head Division of BMS & RHN, ICMR distributed the Mementoes. The proceedings was presided over by Dr. Sunita Saxena, Director IOP.**
- **On 18-07-2008, a meeting was held in the Auditorium of the Institute of Pathology to welcome a Delegation of Staff and M.Sc.(Biotechnology) Students from NEHRU ARTS & SCIENCE COLLEGE, COIMBATORE as Guests to our Institute. All the scientists of the Institute assembled there. The meeting was chaired by the Director, IOP. Later, the delegation visited the various laboratories of IOP.**
- **On 30-07-2008, attended the Quarterly Meeting of Delhi Chapter of Indian Association of Pathologists & Microbiologists at Auditorium, PGIMER Complex, Dr. Ram Manohar Lohia Hospital, New Delhi.**
- **On 04-08-2008, attended the Meeting on DNB Accreditation held in the conference room of IOP wherein Dr. Rajlashami from Institute of child Health, Egmore, Chennai (appointed as an Inspector by the National Board of Examinations) was the Guest Expert. A Presentation on academic activities of the Institute was made by the Director IOP. It was well attended by various specialists and Head of Departments of Safdarjang Hospital including Dr. Dhupia (Lab Medicine), Dr. S. K. Varma (Biochemistry) and Dr. Sumita Saluja (Hematology) from there.**
- **On 08-08-2008, a VALEDICTORY FUNCTION WAS HELD IN THE AUDITORIUM OF IOP IN HONOUR OF Dr. V. Muthuswamy, Retd. Division head and Chief BMS, ICMR). Respected Dr. S. K. Bhattacharya Ji (Addl. Director General, ICMR presided over the proceedings.**

- On **04-09-2008**, attended a **Guest Lecture delivered by Dr. Caryn Bern from Center for Disease Control, Atlanta, Georgia, USA** in the Auditorium, Ground Floor of IOP.
- On **25-09-2008**, **WON THIRD AWARD IN ‘VAAD-VIVAD PRATIYOGITA’** held at **ICMR Headquarters, Ramalingaswami Bhawan, New Delhi**. The topic of Pratiyogita was **“Bhart Mein Chikitsiya Parikshanon Mein Nitivishayak Pahaluon Ka Anupalan”**. It involved a **CITATION AND CASH AWARD OF Rs.800/- (Rupees Eight Hundred Only)**. Experts from prestigious **All India Institute of Medical Sciences, Delhi** presided over as **Judges** and the award was conferred by **Dr. S. K. Bhattacharya, Addl. Director General, ICMR, New Delhi**.
- On **12-11-2008**, attended a **Guest Lecture at 11.00 am** in Auditorium of **Institute of Pathology**, wherein **Dr. Madhuri Kakarala from University Hospital of Michigan, MI, USA** delivered a talk of **‘Curcumin, Piperine and Curcumin Dipieroyl in Breast Cancer Prevention’**. All **Faculty Members, Students and Other Scientific Staff**, including the **Founder Director- Dr. Sriramachari Ji** and the **Director IOP**, attended it.
- On **18-11-2008**, attended a **Guest Lecture / Presentation in the Auditorium of IOP at 03.00 pm** by **Mr. Kenneth Harris, Chairman, M/S TotipotentSC Scientific Product Pvt. Ltd., Chennai**; wherein he delivered a talk on **“Ex-vivo Cell Therapy Processing System vis-à-vis Conventional Clean-Room Approach”**. The scientific staff including **Director, IOP** attended the lecture.
- On **19-11-2008**, attended a **Guest Lecture in the Auditorium of IOP** wherein **Dr. S. K Kaul, Scientist ‘F’ and Addl. Director from Solid State Physics Laboratory, Ministry of Defence, R & D Organization, Govt. of India, Lucknow Road, Timarpur, Delhi-110054** and **Dr. Hariom Mittal, Business Development Manager from TotipotentSC (an MK Alliance Company)** delivered an **Expert Talk on “Potential Clinical Applications of Stem Cells in Burns”**. The meeting was attended by all the scientific staff as well as by the **Director of the Institute**.
- On **24-11-2008**, attended a **Guest Lecture / Presentation in the Auditorium of IOP at 11.30 am** by **Dr. Francis Eko, Associate Professor, Monahouse School of Medicine, Atlanta, Georgia, USA**. He delivered a talk on **“NOVEL STRATEGIES FOR VACCINE DEVELOPMENT”**.
- On **16-02-2009**, attended the **Inaugural function of the WHO In-country Fellowship Training Programme for Basic Level and Advance Level Technicians** to be held at Auditorium of the **Institute of Pathology (ICMR), Safdarjang Hospital Campus, New Delhi-110029**. The inaugural function was followed by refreshments.

- On 16-02-2009, Invited by Dr. Jagdish Prasad, Addl. DG. Principal & Medical Superintendent , Vardhman Mahavir Medical College & Safdarjang Hospital, New Delhi; to attend the Foundation Stone laying ceremony of **SPORTS INJURY CENTRE (arthroscopy & Joint Disorder)** at Vardhman Mahavir Medical College & Safdarjang Hospital, New Delhi. The Foundation Stone Laying was done by Dr. Naresh Dayal, Secretary, Ministry of Health & Family Welfare, Govt. of India. Dr. R. K. Srivastava, Director General of Health Services presided over the function.
- On 14-03-2009, attended the **Valedictory function** of the **WHO In-country Fellowship Training Programme for Basic Level and Advance Level Technicians** to be held at Auditorium of the Institute of Pathology (ICMR), Safdarjang Hospital Campus, New Delhi-110029. The inaugural function was followed by refreshments.
- On 09-10-2009 at 2.30 p.m., **REHEARSAL OF (oncoming) SAC (Scientific Advisory Committee)** meeting was held in Auditorium of the Institute, wherein I presented my new project entitled- **“Role of Lifestyle Factors in Diseases Pathogenesis, especially Cancers”**.
- On 16-12-2009, edited the article –**“LIFESTYLE DISEASES”** – sent to the Library, IOP for publication as a leading article in the oncoming newsletter of the Institute.
- On 16-12-2009 at 3.00 p.m., attended a **GUEST LECTURE** in the Auditorium of IOP, entitled – **“Genetics of Human Response to Infection”**; delivered by **Dr. Anavaj Sakuntabai, Institut Pasteur, Paris, France**; He is **Human Geneticist** at Institut Pasteur and is delivering the talk under **‘Bonjour France Science** program covering a series of **Scientific Lectures in India**.

Participation in Institutional Activities: -

1. On the eve of **Independence Day, flag hoisting ceremony** was conducted at the terrace of IOP on 14-8-2009. The function was **organized and conducted** by Dr. A. K. Bagga, Scientist ‘D’.
2. During 9th to 16th November 2009, **Vigilance Awareness & Anti-Corruption Week** was observed in IOP and consequently, On **19th Nov. 2009** an Oath Taking Ceremony was organized and conducted by Dr. A. K. Bagga, Scientist ‘D’. The Oath was taken by all the staff of IOP for anti-corruption week.

3. On 29th December 2009 a **CONDOLENCE MEETING** was organized in Auditorium of IOP to pay homage to recently departed Dr. Sriramachari, the founder Director of IOP and Ex-Addl. Director General ICMR. A 2-minute's silence was observed in his memory. The meeting was organized and conducted by Dr. A.K.Bagga, Scientist 'D' and attended by the Director, IOP, Dr. Indira Nath Nath (An Emeritus Scientist, Chairperson, Scientific Advisory Committee of IOP and Ramanna Fellow), Dr. Ashok Mukherjee (Ex-Director, IOP), Dr. HMK Saxena (Ex-Director, IOP), and several other dignitaries as well as by all the family members of Dr Sriramachari.
4. On **1st January 2010**, on occasion of **New Year Eve**, a function was organized on terrace of IOP and attended by the Director and all the staff of IOP as well as Dr. Indira Nath (An Emeritus Scientist, Chairperson, Scientific Advisory Committee of IOP and Ramanna Fellow). This function was organized and conducted by Dr. A. K. Bagga.
5. On **18-01-2009, 9th Smt Pushpa Sriramachari Foundation Day Oration Award Function** was held at IOP; wherein **Dr V. M. Katoch, Secretary, Department of Health Research, Govt. of India and Director General ICMR** delivered the Oration Lecture. **Dr. N. K. Ganguly Ex Director General ICMR** was the Chief Guest on the occasion and **Dr. Indira Nath (An Emeritus Scientist, Chairperson, Scientific Advisory Committee of IOP and Ramanna Fellow)** was on the Dais with them. **Dr. Sunita Saxena, Director IOP** presided over the function. A 2-minute silence was observed to pay homage to **Dr. Sriramachari, Ex-Addl. Director General, ICMR and Founder Director IOP**. **Dr. Indira Nath** gave away the Cash Prize and **Dr. Ganguly** the Memento to **Dr. V. M. Katoch**. The proceedings were organized and conducted by **Dr. A. K. Bagga, Scientist 'D'**.
6. On the eve of **Republic Day 2010**, **flag hoisting ceremony** was conducted at **the terrace of IOP**. **The Director, IOP** addressed the gathering constituted by all the staff members of the Institute. The function was **organized and compared** by **Dr. A. K. Bagga, Scientist 'D'**.

Annexure-III

Membership/Fellowship of Professional Societies/Associations:

(I) MEMBERSHIPS OF SCIENTIFIC SOCIETIES:-

1. LIFE MEMBERSHIP OF INDIAN ASSOCIATION FOR PHYSICAL MEDICAL REHABILITATION, ALL INDIA INSTITUTE OF MEDICAL SCIENCES, DELHI.
2. LIFE MEMBERSHIP OF INDIAN ASSOCIATION OF MALARIA AND OTHER COMMUNICABLE DISEASES, 22, SHAMNATH MARG, DELHI-110054.
3. LIFE MEMBERSHIP OF INDIAN SOCIETY FOR PARASITOLOGY, CENTRAL DRUG RESEARCH INSTITUTE, CHHATTAR MANZIL, LUCKNOW, (UP).
4. LIFE MEMBERSHIP OF INDIAN ASSOCIATION OF PATHOLOGISTS & MICROBIOLOGISTS (DELHI CHAPTER, IAPM). DELHI.
5. LIFE MEMBERSHIP OF INDIAN SOCIETY OF CANCER RESEARCH, CANCER RESEARCH INSTITUTE, TATA INSTITUTE OF FUNDAMENTAL RESEARCH, MUMBAI, MAHARASHTRA.

(II) OFFICES & COMMITTEES ASSIGNMENTS HELD IN PROFESSIONAL SOCIETIES

1. SECRETORY OF ZOOLOGY SOCIETY AT HINDU COLLEGE, DELHI UNIVERSITY (1973-74) DURING B.Sc.-I.
2. MEMBER OF STOCK VERIFICATION COMMITTEES IN CENTRAL JALMA INSTITUTE FOR LEPROSY, AGRA FROM TIME TO TIME TO CHECK DIFFERENT SECTIONS IN CLINICAL SIDE LIKE PHARMACY, WARDS OPD ETC..
3. MEMBER OF THE JOURNAL CLUB AT Central JALMA Institute for Leprosy, (now the National Center for Research in Leprosy & Other Mycobacterial Diseases) under ICMR, AGRA .
4. MEMBER OF SCIENTIFIC GROUP WORKING ON IMMUNOLOGICAL ASPECTS OF MALARIA AT MALARIA RESEARCH CENTER, DELHI.
5. MEMBER OF CLINICAL GROUP to discuss 'DEATH MEETING' OF PHYSICIANS AT KALAWATI SARAN CHILDREN HOSPITAL (under Lady Hardinge Medical College), DELHI; in capacity of a scientist with expertise in Management of Malaria.

(III) 'ADMINISTRATIVE RESPONSIBILITIES/INSTITUTION BUILDING

ACTIVITIES'

1. UNDERTAKEN THE ACTIVITIES RELATED TO ENHANCEMENT OF USE OF 'RAJBHASHA HINDI' AS HINDI OFFICER FOR I. O. P.
2. FUNCTIONED AS 'OFFICER-IN-CHARGE MAINTENANCE' FOR I.O.P. w.e.f. 2003 to 2006 (app).

3. MEMBER OF THE 'AUCTION COMMITTEE' FROM TIME TO TIME.
4. MEMBER OF THE 'GARDENING COMMITTEE' OF I.O.P. at various occasions.
5. OFFICER-IN-CHARGE OF THE COMMITTEE FOR 'PHYSICAL VERIFICATION' OF PROPERTY ITEMS IN I.O.P. AND FOR ENTRIES INTO THE PROPERTY REGISTER. Conducted Physical Verification of Whole Institute in 2003-04 and again given responsibility in 2009 for the same.
6. MEMBER/INCHARGE OF 'CANTEEN COMMITTEE' OF I.O.P.(1999 -2005).
7. MEMBER / OFFICER-IN-CHARGE OF THE 'CONDEMNATION COMMITTEE' OF I.O.P. from time to time
8. MEMBER OF 'ENQUIRY COMMITTEE' FOR PETTY THEFT IN I.O.P.
9. MEMBER OF THE 'MAINTENANCE COMMITTEE' OF I.O.P. till 2006.
10. ACTIVE ROLE IN 'INSTITUTIONAL BUILDING ACTIVITIES' IN ORGANIZING EVERY YEAR SEVERAL FUNCTIONS OF THE INSTITUTE LIKE 'ANNUAL DAY', 'HINDI DAY', 'SCIENCE DAY', 'LATE Smt. PUSHPA SRIRAMACHARI ORATION DAY FUNCTION' AND AWARD FUNCTION ON THAT OCCASION EVERY YEAR, 'VIGILANCE AWARENESS WEEK'. Also participated in National Debates in ICMR in Hindi on various Health related topics and won PRIZE twice.

HONOURS/ AWARDS RECEIVED:-

1. **BEST STUDENT AWARD** FROM RAMJAS FOUNDATION IN 1972 DURING TENURE OF HIGHER SECONDARY.
2. **MERIT POSITION** IN DELHI IN THE EXAMINATION OF CENTRAL BOARD OF SECONDARY EXAMINATIONS (CBSE) IN HIGHER SECONDARY EXAMINATION IN 1973 WITH DISTINCTION IN FOUR OUT OF FIVE SUBJECTS.
3. **MERIT POSITION** IN B.Sc. ZOOLOGY (H)-I (equivalent to Pre-medical) FROM HINDU COLLEGE, DELHI UNIVERSITY IN 1974 WITH DISTINCTION IN MAIN SUBJECT i.e. ZOOLOGY.
4. WON **MERIT SCHOLARSHIP** THROUGHOUT THE TENURE OF B.Sc.-I AND M.B.B.S. GRANTED BY NATIONAL COUNCIL OF EDUCATIONAL RESEARCH & TRAINING, DELHI.
5. PASSED M.B.B.S. THROUGHOUT IN THE **FIRST ATTEMPT** FROM MAULANA AZAD MEDICAL COLLEGE, DELHI.
6. **APPRECIATION CERTIFICATE** FROM DIRECTOR, LADY HARDINGE MEDICAL COLLEGE & ASSOCIATED SUCHETA KRIPLANI HOSPITAL, DELHI ON **SUCCESSFUL ORGANIZATION OF WORKSHOP ON 'SAFE USE OF PESTICIDES'** AT MRC, MADHUBAN, DELHI.
7. TITLE: -"OBSERVATIONS ON THE CLINICAL ASPECTS OF MALARIA".

AUTHORS:-**A.K.BAGGA** and L.Kabilan.

Published in the Proceedings of the Fortieth National Conference of Indian Public Health Association organized jointly by Ind. Public Health Association, Indian Association for Malaria & Other Diseases and Indian Association of Epidemiologists; held on 9th to 11th Feb., 1996 at Jamia Hamdard, Delhi. I ALSO AM RECIPIENT OF AN **APPRECIATION CERTIFICATE** FROM THE ORGANIZERS OF THE WORKSHOP FOR PRESENTING A SCIENTIFIC PAPER IN THE MEETING.

8. On **20-9-2005**, Won **Second Prize in National Debate in Hindi** at ICMR (Hdqs), Delhi. **RECEIVED A CERTIFICATE TO THAT EFFECT FROM THE DIRECTOR GENERAL, INDIAN COUNCIL OF MEDICAL, RESEARCH, New Delhi alongwith CASH PRIZE OF RUPEES EIGHT HUNDREDS. THE DEBATE WAS HELD on the occasion of HINDI DIWAS.**
9. On **25-09-2008**, **WON THIRD AWARD** IN 'VAAD-VIVAD PRATIYOGITA' held at ICMR Headquarters, Ramalingaswami Bhawan, New Delhi. The topic of Pratiyogita was "Bhart Mein Chikitsiya Parikshanon Mein Nitivishayak Pahaluon Ka Anupalan". It involved a **CITATION AND CASH AWARD OF Rs.800/- (Rupees Eight Hundred Only)**. Experts from prestigious All India Institute of Medical Sciences, Delhi presided over as Judges and the award was conferred by **Dr. S. K. Bhattacharya, Addl. Director General, ICMR, New Delhi.**

