Other Activities

8.1 Information, education and communication (IEC)

National Science Day celebration

A lecture-cum-interactive discussion by an expert Dr. Mathura Prasad, General Manager (Security), National Thermal Power Corporation, New Delhi, was organised on 28 February 2006 on the occasion of National Science Day. The topic of the speech was “Environment and its effects on Human Health”. This year’s theme of NSD was “Nurture Nature for the future”. All NIMR scientists, officers and research fellows attended the lecture and took active part in interaction and discussion.

Exhibition

An exhibition consisting of 20 panels depicting the profile and major research activities of NIMR was

Dr. M.A. Ansari joined as Director, RMRCT, Jabalpur

Dr. M.A. Ansari, Dy. Director (SG), joined as Director of RMRCT, Jabalpur on 22nd February 2006. He joined Malaria Research Centre (now National Institute of Malaria Research) in 1977 as Senior Research Officer and served in various positions. His main research interests include Vector Biology and Control, particularly development of new vector control tools. He also served as Editor of Journal of Vector Borne Diseases and Malaria Patrika (Hindi). He has published more than 125 scientific research articles in various national and international journals.
displayed at the venue of International Conference on Malaria held during November 2005. This conference was organised by the National Institute of Malaria Research and attended by various eminent scientists from India and abroad.

**Video documentary**

A video documentary on the evaluation of Olyset nets manufactured by Sumitomo Chemicals was completed. The video shooting was undertaken in villages of Dadri PHC of District Ghaziabad as well as in the laboratory. Interviews of villagers and scientists were recorded. The editing was completed with incorporation of animation and special effects.

**8.2 Publications**

**Journal of Vector Borne Diseases**

The Institute has been publishing an English quarterly, *Journal of Vector Borne Diseases*. The journal publishes original research articles, research communications, review articles on various aspects of different vector borne diseases. The journal is abstracted by major abstracting agencies and is being uploaded in the web for easy access to the scientists working in the field of vector borne diseases. PDF version of all articles published in the journal can be downloaded free of cost from www.mrcindia.org/journal.

**Malaria Patrika**

*Malaria Patrika*, a quarterly periodical in Hindi language is published by the Institute to create awareness on malaria in the community. Various activities relating to the Institute, news and latest developments in the field of malaria research are being covered in this periodical apart from scientific articles. The Patrika is being applauded by the community.

**Sandarbh Pustika**

A reference booklet in Hindi titled “Rajbasha karyanvayan sambandhi sandarbh pustika” was published in 2005 to promote Hindi as an official language and to implement official language rules. This booklet contains highlights of official language rules, vocabulary related to administrative terms and selected notings that are regularly used in day-to-day office work.

**Proceedings of the Drug Policy Workshop**

A document on the proceedings of the Drug Policy Workshop was published on the guidelines for use of antimalarials and in the treatment of malaria. Detailed therapy of *P. vivax* malaria, uncomplicated and complicated malaria, severe malaria, *P. falciparum* malaria, etc was presented along with the annexures of Drug Policy of National Vector Borne Disease Control Programme, Govt. of India.

**Website www.mrcindia.org**

The Institute’s website contains information on research activities being carried out by NIMR, publications of the Institute, research activities of the field units of NIMR, audio-visual unit activities and profiles of scientists, etc. The documents and books published by the Institute are available in this website. A separate webpage is being maintained for Institutes’s English periodical, the *Journal of Vector Borne Diseases*. The website contains information on guidelines for contributors, subscribers and contact information of editorial office, etc.
8.3 Conferences/Workshops/Seminars attended and papers presented/Lectures delivered

**International Conference on Malaria, 4–6 November 2005, New Delhi, India**

All the scientists of the Institute and IDVC Field Units attended the conference and presented papers.

**Prof. A.P. Dash**

1. Chaired the scientific session on “Infection in immuno-compromised hosts & host response” at the Indo-German workshop on “Recent advances in global research in infectious diseases” at Braunschweig, Germany from 15–19 June 2005.
2. ‘Drug policy workshop’ from 29–30 October 2005 at NIMR, Delhi.
5. ‘Ill southeast Asia and western pacific bi-regional TEPHINET’ conference at Chennai on 8 January 2006.
6. National symposium on ‘Recent trends in malaria studies’ at Pune on 20 January 2006 and delivered the keynote address.
10. VI Joint annual conference of Indian Society of Malaria and other Communicable Diseases (ISMOCD) and Indian Association of Epidemiologists (IAE) at Agra from 11–13 February 2006 and delivered invited lecture on ‘Malaria: Lessons Learnt’.
12. Delivered Dr. C.P. Alexander Memorial Lecture on ‘Malaria: are we losing the battle?’ at the Deptt. of Zoology, University of Delhi, Delhi on 10 March 2006.

**Dr. T. Adak**


**Dr. R.C. Dhiman**

1. Panel discussion as an invitee in DFID country and regional consultative workshop on ‘Climate change and development’ at TERI, New Delhi on 5 April 2005.

**Dr. Hema Joshi**

3. Tefenoquine P. vivax Advisory Board Meeting, Bangkok, Thailand from 13–14 February 2006. Presented a paper on “Vivax malaria in India”.
4. USAID project workshop on “Therapeutic efficacy of antimalarials”, at Sonapur (Assam).
Dr. P.K. Mittal


Dr. B.N. Nagpal


2. International symposium on ‘Health GIS 2005’ held at Bangkok, Thailand from 1–2 December 2005. Presented a paper on “Cost-effective control of malaria using GIS in forest-fringe areas in India”.


5. “Urban malaria – Survey report of Delhi” paper presented in a workshop on “Urban malaria” under USAID project: (i) for Shahdara South and Shahdara North zones at NIMR, Delhi on 6 February 2006; (ii) for Civil Lines, Rohini and Narela zones at IPP-VIII Office, C.L. Zone on 21 February 2006; (iii) for Karol Bagh, West Delhi and Najafgarh zones at West Zone meeting hall on 24 February 2006; (iv) for City and S.P. zones at Asaf Ali Road, New Delhi on 25 February 2006; and (v) for South and Central zones at South Zone meeting hall on 6 March 2006.


7. Workshop to review the situation of vector borne diseases organised by MCD held at India Habitat Centre, New Delhi on 2 March 2006.

8. Workshop on ‘National consultation meeting on malaria burden in India’ at National Agriculture Science Complex, New Delhi from 29–30 March 2006.

Dr. Nutan Nanda


Dr. K. Raghavendra


2. ‘International conference on Copepoda’ held at Hamananet, Tunisia in July 2005. Presented a paper on “Effect of insecticides (temephos and fenthion) on larvivorous efficacy of Mesocyclops thermocoides (Copepoda: Cyclopoidae) under experimental conditions”.


4. National conference on ‘Plant tissue culture and biotechnology’ at Central Institute of Medicinal and Aromatic Plants, Lucknow from 8–9 December 2005. Presented a paper on “Micro propagation of traditional medicinal plant Akar kara (Sphillanthus acmella L.) and evaluation of its larvicidal activity against malaria vectors Anoph- eles stephensi Liston and Culex quinquefasciatus Say”.


5. ‘VI Joint annual conference of Indian Society of Malaria and other Communicable Diseases (ISMOCD) and Indian Association of Epidemiologists (IAE), at Agra, Uttar Pradesh from 11–13 February 2006. Presented papers on (i) “Current scenario of insecticide resistance among arthropod vectors of medical importance and genetically modified mosquitoes and prospects for malaria control”; (ii) “Effect of nutrition on efficacy of *Lagenidium giganteum* couch against mosquito larvae”; and (iii) “Larvicidal activity of crude aqueous extracts of *Xanthium strumarium* (Family: Astereaceae)”.


7. III International malaria research conference jointly organised by the Johns Hopkins Malaria Research Institute, Johns Hopkins Bloomberg School of Public Health at Baltimore, Maryland, USA from 20–21 March 2006 and Dr. S.S. Mohanty presented a poster entitled, “Efficacy of extracellular metabolites of *Metarhizium anisopliae* against mosquito larvae”.

**Dr. Aruna Srivastava**

1. ‘Conference of American Geophysical Union (AGU)’, New Orleans, Louisiana, USA from 23–27 May 2005 and presented a paper on “An integrated atmospheric and hydrological-based malaria epidemic alert system”.

2. International symposium on ‘Health GIS 2005’ held at Bangkok, Thailand from 1–2 December 2005 and presented a paper on “Cost-effective control of malaria using GIS in forest-fringe areas in India”.


4. International conference on ‘Urban health initiatives’ organised at Surat from 9–11 February 2006 and presented a paper on “GIS-based malaria information management system for urban malaria”.

5. “GIS for urban malaria” paper presented in a workshop on ‘Urban malaria’ under USAID project: (i) for Shahdara South and Shahdara North zones at NIMR, Delhi on 6 February 2006; (ii) for Civil Lines, Rohini and Narela zones at IPP-VIII Office, C.L. Zone on 21 February 2006; (iii) for Karol Bagh, West Delhi and Najafgarh zones at West Zone meeting hall on 24 February 2006; (iv) for City and S.P. zones at Asaf Ali Road, New Delhi on 25 February 2006; and (v) for South and Central zones at South Zone meeting hall on 6 March 2006.

6. Workshop on ‘National consultation meeting on malaria burden in India’ at National Agriculture Science Complex, New Delhi from 29–30 March 2006.

**Dr. Neena Valecha**

1. ‘Joint ICMR/DSPRUD symposium on anti-microbial resistance and antibiotic use’ held on 13 April 2005 at ICMR, New Delhi and delivered a lecture on “Surveillance of antimicrobial resistance for *Plasmodium*”.

**Dr. A.M. Reetha**


**Mrs. Rekha Saxena**

1. ‘Conference of American Geophysical Union (AGU)’, New Orleans, Louisiana, USA from 23–27 May 2005 and presented a paper on “An integrated atmospheric and hydrological-based malaria epidemic alert system”.

2. International symposium on ‘Health GIS 2005’, held at Bangkok, Thailand from 1–2 December 2005 and presented a paper on “Cost-effective control of malaria using GIS in forest-fringe areas in India”.

**Dr. Neena Valecha**

1. ‘Joint ICMR/DSPRUD symposium on anti-microbial resistance and antibiotic use’ held on 13 April 2005 at ICMR, New Delhi and delivered a lecture on “Surveillance of antimicrobial resistance for *Plasmodium*”.

3. National conference on ‘Infectious diseases’ at Sir Ganga Ram Hospital, New Delhi on 18 December 2005 and delivered a lecture on “Treatment of malaria”.

4. Workshop on the ‘Epidemiology of urban malaria in mega, medium and small cities of India’ at Ajmer on 24 January 2006 and delivered a lecture on “Treatment of malaria”.


6. Workshop on the “Epidemiology of urban malaria in mega, medium and small cities of India” at Delhi on 21, 24, 25 February, and 6 March 2006 and delivered a guest lecture on “Treatment of malaria”.


8.4 Important meetings attended

Prof. A.P. Dash

1. Expert Core Group meeting at NVBDCP, Delhi on 14 April 2005.

2. Scientific Advisory Committee meeting of Desert Medical Research Centre, Jodhpur from 15–16 April 2005.


5. Japanese encephalitis meeting at NVBDCP, Delhi on 1 June 2005.

6. Technical Advisory Committee meeting at Delhi on 7 July 2005.

7. Kala-azar meeting at India Habitat Centre, New Delhi on 12 July 2005.


13. Scientific Advisory Committee meeting of the Centre for Research in Medical Entomology at Madurai on 30 September 2005.


15. Use of larvicides meeting at NVBDCP, Delhi on 15 October 2005.


17. Task Force meeting at Vector Control Research Centre, Pondicherry on 9 November 2005.


20. Prevention of biomedical risks meeting at French Institute, Pondicherry from 2–4 March 2006.

22. Training session meeting on Integrated Vector Borne Disease Control Programme at NICD, Delhi on 27 March 2006.


Dr. R.C. Dhiman


2. Indo-UK meeting of ERM at New Delhi on 8 September 2005.

3. Health and environment meeting at ICMR (HQ), New Delhi in December 2005.

Dr. Hema Joshi

1. Technical committee meeting on “Drug resistant malaria” organised by NVBDCP, Delhi.

2. Meeting related to Genome project with Prof. Dyann Wirth, Boston University, USA on “Haplotype map of P. falciparum” at ICMR, New Delhi on 4 October 2005.

3. Indo-German research cooperation meeting from 11–12 March 2006.

Dr. P.K. Mittal

1. Review meeting of Kala-azar control programme for elimination by 2010, organised by the National Vector Borne Disease Control Programme at India Habitat Centre, New Delhi on 12 July 2005.

Dr. B.N. Nagpal

1. Meetings on the progress of work done by NIMR, Delhi for ISP, OSP and SSP organised by NVDA, Bhopal on 12 April and 16 August 2005 and on Control of malaria for ISP, OSP and SSP on 9 May 2005.

2. GIS in malaria control and morphotaxonomy meeting organised at DRDE, Gwalior on 4 May 2005.


4. National task force for implementation of National Anti Malaria Management Information System (NAMMIS) meeting organised by NVBDCP at Delhi on 5 August and 9 November 2005.

5. Meeting to review the dengue situation organised by the Director, MCD at Town Hall, Delhi on 24 August 2005.

6. Expert group of dengue organised by the Directorate of Health Services, Delhi under the chairmanship of Principal Secretary (Health) at Delhi Secretariat on 16 September 2005.

7. Assessment of malaria treatment practices in public and private health sectors, under USAID project organised by NIMR at NICD, Delhi under the chairmanship of Addl. Director General & Director, NICD on 27 December 2005 and 22 March 2006.

8. Meeting to review action plan and action taken by the states for prevention and control of dengue organised by NVBDCP, Delhi at Nirman Bhavan, New Delhi on 10 March 2006.

9. Half yearly review meeting of the NBDB (DBT) funded project on Prospecting for botanical pesticide held at EID Parry R&D Centre, Bangalore on 20 July 2005.

Dr. Aruna Srivastava

1. Meeting with the Director, DRDE, Gwalior on ‘GIS in malaria control in Cantonment area’, at DRDE, Gwalior on 4 May 2005 and presented a paper on “GIS for decision support in malaria control”.

2. ‘Control of malaria for ISP, OSP and SSP’ organised by the State Health Department under the chairmanship of Advisor (Health) at NVDA, Bhopal on 9 May 2005.
3. ICMR Forum for epidemiology organised by the National Institute of Epidemiology, Chennai on 25 July 2005.

4. Review meeting for ISP, OSP and SSP organised by NVDA, Bhopal under the chairmanship of VC on 16 August 2005.

5. National task force meeting for implementation of National Anti Malaria Management Information System (NAMMIS) at NVBDCP, Delhi on 9 November 2005.

6. ‘Assessment of malaria treatment practices in public and private health sectors’ under USAID project organised by NIMR at NICD, Delhi under the chairmanship of Addl. Director General & Director, NICD on 27 December 2005 and 22 March 2006.

7. For improvement of the Website of ICMR, organised by ICMR, New Delhi on 12 January 2006.

8. Technical Advisory Committee (TAC) on malaria at DGHS, Nirman Bhawan, New Delhi on 7 July 2005.

9. ‘The collaboration of drugs for neglected diseases initiatives (DnDi) and ICMR’ at ICMR, New Delhi on 5 August 2005.


14. Orientation meeting on ‘Assessment of therapeutic efficacy of antimalarial drugs against uncomplicated P. falciparum malaria’ at Guwahati, Assam on 19 October 2005.

15. Independent ethics committee meeting at Essex Farm, New Delhi on 11 December 2005.


18. Meeting to discuss ‘NIMR clinical trials activities, response to protocol for Euartekin trials’ at Delhi on 5 February 2006.

19. Advisory Board meeting for ‘Synthetic peroxide (RRx 11160/OZ 277) PDT meeting’ organised by MMV at Ranbaxy Laboratories, Gurgaon on 6–7 February 2006.

20. ‘How to enhance Indo-German research cooperation!’, at the Seminar Room, Indo-German Chamber of Commerce (IGCC), German House, New Delhi on 11 March 2006.

Dr. Neena Valecha


3. APW with WHO for preparation of document on Drug resistance of malaria in SEARO.


5. ‘Phase III clinical trials for antimalarial drugs: study design issues’ at Bethesda, Maryland, USA on 8 December 2005.


8.5 Conferences/Workshops/Meetings organised

Conference

International Conference on Malaria

Malaria Research Centre (now, National Institute of Malaria Research) organised an International Conference on Malaria which was held at New Delhi from 4–6 November 2005. The conference was organised to mark the 125th anniversary of Laveran’s discovery of malaria parasite in human blood on 8 November 1880. For this work he was awarded the 1907 Nobel Prize for Physiology/Medicine. The theme of the conference was ‘Laveran to Genomics’. The conference was held at National Agriculture Science Complex (NASC), New Delhi and inaugurated by Mrs Panabaka Lakshmi, Honourable Minister of State for Health and Family Welfare, Govt. of India. Dr. Samlee Plianbangchang, Regional Director, World Health Organization, South-East Asia Regional Office, New Delhi, addressed the gathering. The conference was attended by over 500 national and international delegates and featured plenary lectures, invited lectures and free oral and poster presentations on various aspects of malaria.

Workshops

1. ‘Identification and \textit{in vitro} cultivation of malaria parasites, screening of antimalarials, establishment of malaria parasite bank’ for 17 Ph.D. students and academicians in Sudan during 28 May to 12 June 2005.

2. ‘Drug policy workshop’ on 30 August 2005 at Rourkela.

3. Five workshops on ‘Urban malaria’ under USAID project for DHOs, entomologists, AMOs, GPs, pathologists and NGOs etc. of 12 zones of Delhi (MCD) during February and March 2006 at NIMR, Delhi.

4. ‘Urban malaria’ under USAID project for DHOs, entomologists, AMOs, GPs, pathologists, and NGOs etc. of Ajmer City on 24 January 2006 at Ajmer, Rajasthan.
Meetings


3. National consultation meeting on “Malaria burden in India” held at National Agriculture Science Complex, New Delhi from 29–30 March 2006.

4. Assessment of malaria treatment practices in public and private health sectors at NIMR, Delhi on 22 March 2006.

5. Assessment of therapeutic efficacy of antimalarial drugs against uncomplicated *P. falciparum* malaria at Ranchi, Jharkhand, from 23–25 March 2006.

5. Mr. Shameemul Haque, Jamia Milia Islamia, Delhi

Dr. P.K. Mittal

1. Participated as faculty member and delivered lectures on Biological control of mosquitoes to the participants of training course on malariology organised by NICD from 14 February to 11 March 2005 at NICD, Delhi.

Dr. B.N. Nagpal


2. One month training imparted to a student of Universal Public School, Preet Vihar, Delhi to develop ‘Software on the identification of mosquitoes’ in the month of June 2005.


4. A five-day training imparted to two scientists (Dr. R.K. Hazra, SRO & Dr. S.K. Parida, TO) of RMRC, Bhubaneswar on ‘GIS and RS in studying the malaria vectors – Biodiversity’ in the month of July 2005.

5. Training imparted to 20 participants of Professional Development Course in Management, Public Health & Health Sector Reforms for District Level Senior Medical Officers from State Institute of Health & Family Welfare, Punjab, at NIMR, Madhuban, Delhi on 17 November 2005.

6. Two weeks training imparted to Mr. Drirh, TO, Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow on ‘Mosquito species identification’ in the month of February 2006.

Dr. Nutan Nanda

1. Training in cytotoxiconomic techniques for iden-
Other Activities

1. Imparted one week training to Dr. Karamveer Singh, DMRC, Jodhpur on ‘Microplate assay in determining biochemical resistance mechanism in mosquitoes’ from 12–16 December 2005.

2. Provided guidance to accomplish dissertation work (6 months) for partial fulfilment of the M.Sc. degree of the following students:
   - Ms. Pooja Chaturvedi (M.Sc., II yr.) Rani Durgavati University, Jabalpur, Madhya Pradesh on ‘Isolation of new strains of bacteria for mosquito larvicidal activity’.
   - Ms. Usha Rai (M.Sc., II yr.), Jiwaji University, Gwalior, Madhya Pradesh on ‘Isolation of new strains of fungus for mosquito larvicidal activity and molecular methods for the identification of sibling species’.
   - Ms. Archana Chauhan (M.Sc., II yr.), Jiwaji University, Gwallior, Madhya Pradesh on ‘Biochemical mechanisms of resistance and molecular methods for the identification of sibling species’.

Dr. C.R. Pillai

1. Dr. N.C. Gupta, Technical Officer, IDVC field unit Hardwar was imparted training on ‘In vitro cultivation of malaria parasite P. falciparum and preparation of plant extracts and their testing in antimalarials’ from 9–14 May 2005.

2. Dr. Dipak Chetia, Deptt. of Pharmaceutical Sciences, Dibrugarh University, Dibrugarh, Assam was imparted training on ‘In vitro cultivation of malaria parasite P. falciparum and preparation of plant extracts and their testing in antimalarials’ from 14–16 July 2005.

3. Dr. Swati Bhattacharyya, P.G. student, Deptt. of Pharmacology, Mahatma Gandhi Institute of Medical Sciences, Sewagram, Maharastra, was imparted training on ‘Identification and in vitro cultivation of malaria parasite P. falciparum’ from 21–25 November 2005.

4. Mr. Pankaj Gupta, M. Pharma, Guru Jambheshwar University, Hisar, Haryana, was imparted training on identification and in vitro cultivation of malaria parasite P. falciparum from 28 November to 2 December 2005.

5. Dr. C. Rajendran, Scientist ‘B’ from DRL (DRDO), Tezpur, Assam was imparted training on ‘Identification and in vitro cultivation of malaria parasite P. falciparum’ from 1–3 March 2006.

6. Mr. Santosh Anand Sripada, Deptt. of Animal Sciences, School of Life Sciences, University of Hyderabad was imparted training on ‘Identification and in vitro cultivation of malaria parasite P. falciparum’ from 7–17 March 2006.

7. Mr. Sanket Soni and Mr. Yogesh Biradar from Department of Pharmacognosy and Phytochemistry, B.V. Patel Pharmaceutical Education and Research Development Centre, Ahmedabad, were imparted training on ‘Identification and in vitro cultivation of malaria parasite P. falciparum’ from 23 March to 7 April 2006.

8. Miss Ritu Goyal and Miss Poonam from Department of Chemistry, University of Delhi, Delhi, were imparted training on ‘Identification and in vitro cultivation of malaria parasite P. falciparum’ from 27 March to 7 April 2006.

Dr. K. Raghavendra

1. Imparted one week training to Dr. Karamveer Singh, DMRC, Jodhpur on ‘Microplate assay in determining biochemical resistance mechanism in mosquitoes’ from 12–16 December 2005.

2. Provided guidance to accomplish dissertation work (6 months) for partial fulfilment of the M.Sc. degree of the following students:
   - Ms. Pooja Chaturvedi (M.Sc., II yr.) Rani Durgavati University, Jabalpur, Madhya Pradesh on ‘Isolation of new strains of bacteria for mosquito larvicidal activity’.
   - Ms. Usha Rai (M.Sc., II yr.), Jiwaji University, Gwalior, Madhya Pradesh on ‘Isolation of new strains of fungus for mosquito larvicidal activity and molecular methods for the identification of sibling species’.
   - Ms. Archana Chauhan (M.Sc., II yr.), Jiwaji University, Gwallior, Madhya Pradesh on ‘Biochemical mechanisms of resistance and molecular methods for the identification of sibling species’.
Dr. A.M. Reetha

1. Training to students of University of North Carolina, United States on 13 June 2005.
2. Training to Dip. NB Students (Microbiology) from Sir Ganga Ram Hospital on 21 June 2005.
3. Training to WHO fellows from DPR Korea on 7 October 2005.
5. Training workshop for the Medical Officers of Armed forces at Army Base Hospital, Lucknow from 23–25 March 2006. (Resource person – Treatment [uncomplicated and complicated cases] and management of severe and complicated malaria).
6. Training course on ‘Integrated vector borne diseases control programme at NICD, Delhi—Panel discussions on: (i) Chemotherapy of malaria in drug policy; and (ii) New diagnostic tools (Rapid diagnostic methods) on 31 March 2006.

Mrs. Rekha Saxena

1. A 19-day training on ‘Application of geographical information system (GIS) to study malaria scenario in Jodhpur district, Rajasthan’, to Dr. D. Sukumaran, Scientist-D from Defence Research & Development Establishment, Gwalior from 5–23 September 2005.
2. A five-day GIS training to Dr. R.K. Hazra, SRO, Regional Medical Research Centre, Bhubaneswar during July 2005.
3. Training on ‘GIS in malaria control, computer-based identification of Indian anophelines & fauna system’ to Mr. Manas Sarkar, JRF and Mr. Vipul Ravha, Senior Technical Assistant, DRL, Tejpur (Assam) on 23 December 2005.
5. Training to 20 students from Universal Public School, Preet Vihar, Delhi on 11 May 2005. Delivered lectures and made students work on GIS modules and identification of Indian anophelines in celebration of Technology Day.

Dr. Aruna Srivastava

1. A five-week training to two B. Tech students of Indian Institute of Information Technology, Allahabad on the development of ‘Software of inventory control’ from 23 May to 30 June 2005.
2. One month training to a student of Universal Public School, Preet Vihar, Delhi to develop software on ‘Identification of mosquitoes’ in the month of June 2005.
4. A five-day training to two scientists (Dr. R.K. Hazra, SRO and Dr. S.K. Parida, TO) of RMRC, Bhubaneswar on ‘GIS and RS in studying the malaria vectors– Biodiversity’ in the month of July 2005.
5. Training to 20 participants of Professional Development Course in Management, Public Health & Health Sector Reforms for District Level Senior Medical Officers from State Institute of Health & Family Welfare, Punjab at NIMR Madhuban, Delhi on 17 November 2005.
6. A two-week training to Mr. Drirh, TO, Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow on ‘Mosquito species identification’ in the month of February 2006.
Dr. Neena Valecha

1. Teaching/Training/Lectures in Malariology Courses.
3. Training to DNB microbiology students from Sir Ganga Ram Hospital on 21 June 2005.
4. Lecture on ‘New diagnostic tools’ at NICD, Delhi on 10 February 2006.

8.7 Ph.D. programme

The following students are working for their Ph.D. degrees under the supervision of NIMR scientists.

<table>
<thead>
<tr>
<th>Name of the supervisor</th>
<th>Name of the student</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prof. A.P. Dash</td>
<td>Mr. S. Mishra</td>
</tr>
<tr>
<td></td>
<td>Mr. N. Marai</td>
</tr>
<tr>
<td></td>
<td>Ms. Priyanka Kar</td>
</tr>
<tr>
<td>Dr. M.A. Ansari</td>
<td>Mr. U. Sreehari</td>
</tr>
<tr>
<td>Dr. T. Adak</td>
<td>Mr. Anil Sharma</td>
</tr>
<tr>
<td></td>
<td>Ms. A. Mehrunnisa</td>
</tr>
<tr>
<td>Dr. V.K. Dua</td>
<td>Mr. N.C. Gupta</td>
</tr>
<tr>
<td></td>
<td>Mr. A.C. Pandey</td>
</tr>
<tr>
<td></td>
<td>Mr. V.P. Ojha*</td>
</tr>
<tr>
<td></td>
<td>Mr. Firoz Alam</td>
</tr>
<tr>
<td></td>
<td>Mr. Swapnil Roy</td>
</tr>
<tr>
<td>Dr. R.C. Dhaman</td>
<td>Mrs. Sharmila Pahwa</td>
</tr>
<tr>
<td>Dr. Ashwani Kumar</td>
<td>Mrs. Deeparani Prabhu</td>
</tr>
<tr>
<td></td>
<td>Mrs. Nandini Korgaonkar</td>
</tr>
<tr>
<td></td>
<td>Mr. M.B. Kaliwal</td>
</tr>
<tr>
<td>Dr. Arun Sharma</td>
<td>Mr. Suprio Ray</td>
</tr>
<tr>
<td></td>
<td>Miss Neha Chauhan</td>
</tr>
<tr>
<td>Dr. P.K. Mittal</td>
<td>Mr. Suresh Yadav</td>
</tr>
<tr>
<td>Dr. Hema Joshi</td>
<td>Mr. S.K. Prajapati</td>
</tr>
<tr>
<td></td>
<td>Ms. Gertrude Kiwanuka</td>
</tr>
<tr>
<td></td>
<td>Mr. P.K. Mallick</td>
</tr>
<tr>
<td>Dr. Sarala K. Subbarao (Former Director)</td>
<td>Mr. O.P. Singh</td>
</tr>
<tr>
<td></td>
<td>Mr. Dinesh Chandra</td>
</tr>
</tbody>
</table>

8.8 NIMR Building Complex at Dwarka, New Delhi

At present NIMR is functioning from four different places in Delhi and Noida making it difficult to work in effective and coordinated manner. The institute plans to have its own campus on 7 acre plot in Dwarka taken on long-term lease from Delhi Development Authority. This would include Research Block, Animal House, Auditorium, Hostel, Guest House and Staff Quarters.

Construction of the Research Block

After obtaining necessary approvals from Indian Council of Medical Research the notice inviting tenders (NIT) for construction of Research Block was
The construction work has started under the supervision of M/s. Gherzi Eastern Ltd., the consultants for this project. The construction of Research Block is to be completed within 17 months.

8.9 राष्ट्रीय मलरिया अनुसंधान संस्थान में राजभाषा विकास संबंधी गतिविधियाँ

संस्थान में राजभाषा हिन्दी के प्रयोग को बढ़ावा देने के उद्देश्य से अनेक गतिविधियों का आयोजन किया गया, जिसमें अन्तर्गत हिंदी कार्यरतावास, विभाग दिवस पर वैज्ञानिक संगठनों, हिन्दी सराह के दौरान विभिन्न गतिविधियाँ आदि शामिल हैं। साथ ही राजभाषा अभिविन्यास के अनुसार कोई दिन में प्रशासन वर्ग के कर्मचारियों में राजभाषा के प्रयोग को बढ़ावा देने हेतु "बांसवंती संयोजन" लागू की गई एवं इसके पुरुषकार हिंदी सराह के पुरुषकार विषय समारोह के अवसर पर प्रशासन किए गए। यही नहीं राजभाषा विकास हेतु किए गए रचनात्मक प्रयास को और तृप्तिपूर्वतंत्र करने तो मलरिया पत्रिका (लिमानी) के निर्माण प्रकाशन की अलावा दो और प्रकाशन—संतरंग पुस्तिका एवं न्यूज लेटर (हिन्दी) भी प्रकाशित किए गए।

वर्ष के दौरान सर्वप्रथम दिनांक 30 मई 2005 को निदेशक महादेव को उपस्थिति में प्रशासन वर्ग के कर्मचारियों हेतु एक हिन्दी कार्यरतावास का आयोजन किया गया जिसमें मुख्य अधिशीर्षक एवं वक्ता के रूप में स्वाक्षर एवं परीक्षा कार्यक्रम में अधिक प्रारंभिक कार्यक्रम में निदेशक श्री कमल सिंह भी आमंत्रित किया गया था। श्री सिंह ने राजभाषा नीति, नियम, अधिनियम विषय पर जानकारी देते हुए कर्मचारियों से चर्चा की और बताया कि एक सरकारी कर्मचारी होने के नाते हमारे यह दावत है कि हम सरकार का राजभाषा नीति का पालन करते हुए अपना सरकारी काम कर रहे हैं।

यहाँ यह भी उल्लेखनीय है कि संस्थान महादेव में हिन्दी दिवस 14 सितंबर 2005 के उपलब्धि में हिंदी पुस्तकालय मनाया गया जिसमें दो गतिविधियाँ एक प्रशासन वर्ग के कर्मचारियों के लिए हिंदी कार्यरतावास और दूसरी वैज्ञानिक के लिए वैज्ञानिक संगठनों का आयोजन किया गया। इन दो गतिविधियों के अलावा चार अन्य प्रतियोगिताएं—प्रतियोगिताएं—
इनका को मेरी अनमोल ध्वज विकास कार्यक्रम के अन्तर्गत राज्य के पूर्व संबंधी निर्देशाभ्यास के आयोजन किया गया। इस निर्देशाभ्यास में संसथा के अधिकारियों ने अलग-अलग संबंधी कार्यालयों में अन्तर्विकासात्मक भाग हिला करते जहाँ उन्होंने एक ऐसा पत्रकारूण था जिसमें आयोजन की गई गतिविधियों में किसी न किसी रूप में संसथा के लोगों से छोटे कर्मचारियों एवं बड़े से बड़े अधिकारियों को शामिल किया गया था। संबंधित निर्देशाभ्यासों का आयोजन संसथा के निर्देशक प्रो. ए.पी. दाश के निरीक्षण में राज्य कार्यालय सम्मिलित के विभिन्न समाहरण द्वारा किया गया।

23 सितंबर 2005 को पत्रकारूणी की अंतिम गतिविधि वाद-विवाद प्रतियोगिता (अभिकारी वर्ग) और पूरकार वितरण समाहरण का सफलतापूर्वक आयोजन किया गया। इस अवसर पर निर्देशक के निर्देशाभ्यास के रूप में जाने-माने सहितकर्ता एवं कंट्रोलर दिवारी निर्माण समाहरण में निर्देशक रहे चुव्वे डा. गंगा प्रसाद विमल एवं डा. अंतिना, विशेष ग्रामीण, राजस्थानी कॉलेज को आयोजित किया गया था। संबंधित समाहरण में संबंधित वाद-विवाद प्रतियोगिता (अभिकारी वर्ग) का आयोजन किया गया, जिसमें 12 अधिकारियों एवं वैज्ञानिकों ने भाग लिया, जिसका विषय था 'शाकाहार वन उल्लंघन'। उल्लंघनीय है कि राज्य कार्यालय को बढ़ावा देने को दिशा में किया गया एक रचनात्मक प्रसार 'राज्य कार्यालय संबंधित संसथा पुनर्निर्माण' का विमोचन एवं प्रशासन भी इसि दिन क्रमश: सुविधायत वैज्ञानिक प्रो. अर.सी. महाजन एवं संसथान के निर्देशक, प्रो. ए.पी. दाश द्वारा किया गया। इस पुनर्निर्माण के अंतर्गत राज्य के पूर्व संबंधी निर्देशाभ्यास की संष्करण में देने को साथ ही कुछ चुनिन्दा प्रशासनिक शब्दों एवं विविध बातों को समावेश किया गया है।

संसथा पुनर्निर्माण के विमोचन के पश्चात समाहरण के दौरान आयोजन की विभिन्न प्रतियोगिताओं का पूरकार प्रो. गंगा प्रसाद विमल, निर्देशक प्रो. ए.पी. दाश, प्रो. आर.सी. महाजन एवं संसथान के विदेश अभिकारियों डा. एम.ए., अंतरी एवं डा. अरुण श्रीवास्तव के कर-कमलों से प्रदर्शन किए गए।

यहू यह बताना प्रसाधान होगा कि संसथा पुनर्निर्माण के अलावा राज्य कार्यालय विकास की दिशा में एक नया लेखर (हिंदी) का विमोचन संसथा के भवन निर्माण के शिलान्यास के अवसर पर परिषद मुख्यालय के महानिर्देशक प्रो. एन.जे. गंगुली एवं कर-कमलों से किया गया।

इसके अनावरण 28 फरवरी 2006 को विज्ञा दिवस के उपलब्ध में वैज्ञानिकों हेतु एक वैज्ञानिक संगोष्ठी का आयोजन किया गया जिसमें मुख्य अध्यादेश एवं चर्चा के रूप में प्रो. पी. सी. के महाप्रदेश श्री मधुरा प्रसार को आयोजित किया गया।

संसथा के निर्देशक एवं प्रो. आर.सी. महाजन की अध्यक्षता में श्री मधुरा प्रसाद ने ‘पर्यावरण एवं उसका स्वाभाविक प्रभाव’ विषय पर स्नातकों के माध्यम से अपने विचार प्रस्तुत किए एवं वैज्ञानिकों के साथ तक-वितरण किया। विज्ञानीय-सत्ता पर राज्य कार्यालय को प्रतिफलित करने के इस प्रयास का वैज्ञानिकों ने भरपूर लाम उड़ाया क्योंकि श्री प्रसाद ने इसे समाप्त किया गुड विश्व को समायोजन में लेने हुए पर्यावरण के एक-एक हफ्ते से अनवरत कराया। श्री प्रसाद ने अत्यंत सहज एवं सत्ता हिंदी में जीवन के प्रत्येक पहलु में पर्यावरण को महत्व को समझाया। संसथान में ही नहीं बल्कि संसथा की क्षेत्रीय इकाइयों में भी राज्य कार्यालय कार्यालय के प्रति रूढ़ि जगहू करने के उद्देश्य से हिंदी
दिवस के उपलब्धि में विभिन्न प्रतियोगिताओं का आयोजन किया गया। जिसमें मुख्य हैं-

जबलपुर श्रेणी इकाई जहां कि निवंच प्रतियोगिता तथा बांद्व-विचार प्रतियोगिता का आयोजन होनी लायक के साथ किया गया। इन प्रतियोगिताओं में कार्यलय के अनेक कर्मचारियों ने भाग लिया। बांद्व-विचार प्रतियोगिता का विषय था ‘देश में पारचाय संस्कृति का विस्तार भारतीय समाज के लिए चाहिए’ है’ और ‘आधुनिक गुप्त में व्यक्तित्व के सम्बन्ध विचार के लिए, हिंदी का जन आकर्षक है।’ इस प्रतियोगिता में प्रथम, द्वितीय, एवं तृतीय विजेता कर्मचारी क्रमशः श्री योगेंद्र कुमार वर्मा, श्री सुमेंद्र कुमार सन, श्री पुष्पकुमार शर्मा थे। बांद्व-विचार प्रतियोगिता के अनुसार निवंच प्रतियोगिता का भी आयोजन किया गया था जिसमें विचार था ‘जन-संचार माध्यम के जनसमस्याओं के निवारण में योगदान।’ जिसमें प्रथम, द्वितीय, तृतीय क्रमशः श्री अजय सचपुर, श्री इतिहास अहमद सिंदीकोस, श्री हरिप्रदेश चौधरी रहे। इन दोनों प्रतियोगिताओं के पुरस्कार डा. नीरू सिंह, प्रभारी अधिकारी, क्षेत्रीय इकाई के कर-कामों से प्रदान किए गए। जबलपुर ही नहीं वरन् संस्थान की सहायता हरिप्रदेश इकाई में भी राजभाषा के प्रयोग को बढ़ावा देने के उद्देश्य से निवंच प्रतियोगिता एवं भाषण प्रतियोगिताओं का आयोजन किया गया। इन प्रतियोगिताओं में भी कार्यालय के अनेक कर्मचारियों ने उत्साहपूर्वक भाग लिया। दोनों प्रतियोगिताओं का संचालन डा. हरदेव प्रमान गुप्ता, सहायक अनुसंधान अधिकारी द्वारा किया गया। निवंच प्रतियोगिता का प्रथम, द्वितीय, तृतीय विजेता प्रतियोगियों क्रमशः श्रीमती अर्णा गुप्ता, श्री उदयवीर सिंह, श्री विजय ओम गुप्ता थे। निवंच प्रतियोगिता के अन्तर्गत भाषण प्रतियोगिता का आयोजन भी इसी तिथि किया गया। जिसमें विजेता प्रतियोगियों क्रमशः श्री विजय ओम गुप्ता, श्री विनोद कुमार सिंह, श्री नंदन शुक्ल रहे। अंतः: दोनों प्रतियोगिताओं के पुरस्कार वितरण हेतु समारोह का आयोजन किया गया और जिसमें अन्य भाषण देने हुए प्रभारी अधिकारी डा. गूढवेद प्रकाश दत्ता ने रायपुर भाषा की महत्व पर प्रकाश दांवत किया अपने विजेता प्रतियोगियों के पुरस्कार की घोषणा की। अतः: यह संकेत है कि संस्थान में राजभाषा के प्रयोग को प्रांत क्षेत्रीय इकाईयों भी अत्यंत संबंध एवं जागरूक रहकर राजभाषा नियम-अधिनियम के अनुसरण की दिशा में सक्रिय भूमिका निभा रही है।

इस प्रकार यह कहने में कोई अलंकारिक नहीं होती कि वर्ष 2005-06 के दौरान संस्थान एवं क्षेत्रीय इकाईयों में राजभाषा के प्रयोग को बढ़ावा देने हेतु मुनाफामक, रचनात्मक एवं व्यावहारिक कार्य एवं कार्यक्रमों के माध्यम से हर संस्थान प्रयास किया गया। संस्थान एक वित्तीय अनुसंधान संस्थान होने के बावजूद राजभाषा नियम अधिनियम का अनुसरण करने से हेतु राजभाषा के प्रयोग को बढ़ावा देने में प्रत्येक कोण से प्रयासरह तथा इसका साथ राजभाषा संबंधी गतिविधियों का उल्लेख नहीं है जो कि इसके बहुमुखी विकास का प्रतिरूप है।