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ICMR BULLETIN

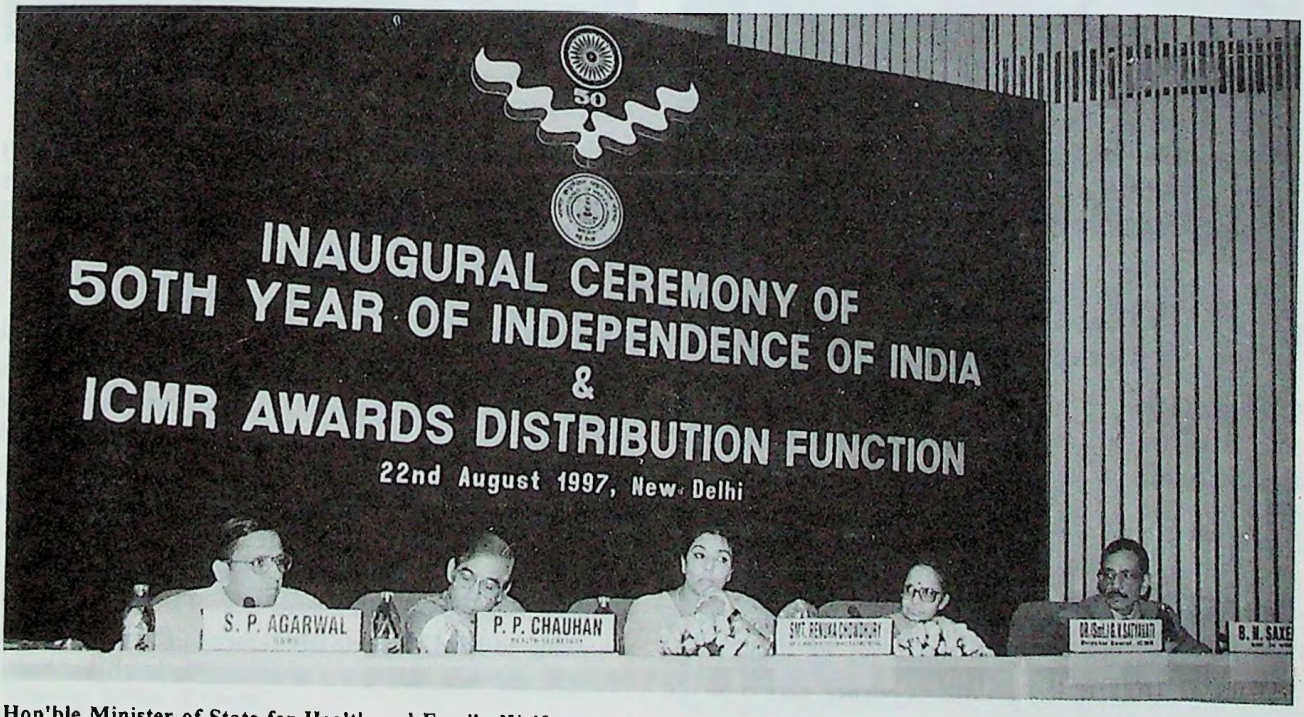
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September, 1997

50TH YEAR OF THE INDEPENDENCE OF INDIA

Minister of State for Health and Family Welfare launches the celebrations of ICMR and gives away ICMR Awards

The year long celebrations of the 50th year of the Independence of India by the ICMR were inaugurated by Smt.Renuka Chowdhury, Hon'ble Minister of State for Health and Family Welfare, Govt. of India, by lighting a lamp on August 22, 1997 at a function held at Vigyan Bhavan. The Hon'ble Minister also gave away the



Hon'ble Minister of State for Health and Family Welfare and other dignitaries on the dias.

Division of Publication & Information, ICMR, New Delhi - 110 029

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Hon'ble Minister lighting the lamp to launch the celebrations of the 50th year of Independence of India by ICMR.



Hon'ble Minister felicitating Dr. (Mrs.) Kamala Sohonie, a leading and pioneering biochemist and nutritionist of the country.

ICMR Awards to distinguished biomedical scientists of the country. She congratulated all the awardees and hoped that the coveted ICMR awards will provide a motivation to all the recipients and those who follow them to attain still greater heights in their selected areas of interest/speciality.



Smt. Renuka Chowdhury, Hon'ble Minister of State for Health and Family Welfare, receiving a memento from Dr. G.V. Satyavati, Director-General, ICMR.

She complemented the ICMR for honouring Dr.(Mrs.) Kamala Sohonie, one of the leading biochemists and nutritionists of the country who did pioneering research on nutrition much before independence.

Welcoming the Hon'ble Minister of State for Health and Family Welfare, the awardees and other dignitaries who attended the function, Dr.G.V.Satyavati, the Director General,ICMR, gave a brief overview of the contributions and achievements of ICMR during the 86 years of its existence including the pre-independence period as the



Dr. V.I. Mathan receiving Dr. B.R. Ambedkar Centenary Award from the Minister.

Indian Research Fund Association. She informed that many research findings of the ICMR in the last 50 years have laid the basis/foundation for formulating several national health programmes and disease control programmes.

Dr.Satyavati stated that the research priorities of ICMR have always coincided with the National Health priorities and ICMR has always strived to provide the research base for formulating solutions to many of our major health problems. She informed that among the 19 ICMR awardees of this year, 6 are women scientists, one award is for a scientist from the underpriviledged group and another is for work done in under-developed areas of the country; only 5 of the 19 awards have been given to scientists working in ICMR's own laboratories. The motto of the ICMR, she said, has been to recognise scientific merit,



Dr. G.V. Satyavati, Director-General, ICMR, delivering the welcome address.

wherever it is (irrespective of where the scientists have worked - whether ICMR or non-ICMR set-up).

She made a special mention to the generous donation of one million US dollars received very recently by the ICMR from His Majesty Sultan Qaboos Bin Said Al-Said, the ruler of Oman. She informed that this endowment is being utilized by the ICMR to create two Research Chairs and to launch efforts for networking of national research facilities in the important fields of Epidemiology and Clinical Pharmacology.

Addressing the distinguished gathering, the Hon'ble Minister called upon the ICMR scientists to take up cutting edge research to develop procedures for preventing micronutrient deficiencies and exhorted them to take a lead in creating a better understanding of the health problems of tomorrow and to develop tools to prevent, treat and diagnose these problems. She complimented ICMR for setting up a Central Ethical Committee under the Chairmanship of Hon'ble Justice Shri M.K.Venkatachaliah to lay guidelines on different aspects of human research including clinical evaluation of drugs, devices, diagnostics, vaccines, *etc*; human genetic research; organ transplantation research; epidemiological research; and assisted reproductive techniques.



Shri Saif Ali Sultan Al-Kalvani, Charge-de-Affairs, Embassy of Oman at New Delhi receiving a memento on behalf of the his Majesty, Sultan of Oman.



Smt. Renuka Chowdhury, Hon'ble Minister, delivering her address.



Dr. S.K. Sinha receiving JALMA Trust Fund Oration Award from the Minister.

Smt.Renuka Chowdhury said, "This is a historic year for India. Fifty years ago on 15th August, 1947 India became Independent. Planned development in five decades has resulted in vastly improved health facilities. The number of doctors and hospital beds has increased by more than two and half times and that of nurses by more than six times. The number of medical colleges has increased from 30 before initiation of the first five year plan



Dr. N. Selvakumar receiving ICMR Prize for Biomedical Research for Scientists belonging to Underpriviledged Communities.

to 155 at present. In rural areas, there are about 2500 community health centres, over 22000 primary health centres and more than 1.3 lakhs sub-centres. None existed before 1951".

She felt "the health problems of India continue to be in the stage of transition. As the country moves from an under-developed nation to developing one, it has to grapple with the tripple burden of disease which besets the developing as well as the developed countries, as we deal with



Dr. P. Bhaskaram receiving Amrut Modi Unichem Prize.

communicable, non-communicable and re-emerging diseases. India still faces the burden of over-population and lack of proper maternal and child health care and a large burden of infectious diseases like tuberculosis and AIDS. The re-emergence of virulent strains of malaria, kala-azar, Japanese encephalitis continue to daunt public health experts. As the life expectancy of our people increases, they are being exposed more and more to life-style related diseases like hypertension, diabetes, heart diseases, stroke, chronic respiratory diseases, tobacco and alcohol related problems, *etc.*

She further added "ICMR's contribution to research is well known but some high points bear mention. The research done by the ICMR's National Institute of Cholera and Enteric Diseases formed the basis of the 3-tier system of the National Diarrhoeal Disease Control Programme. Short-course chemotherapy, the most cost-effective strategy to control tuberculosis was the contribution of ICMR's Tuberculosis Research Centre, Chennai, which



Dr. Vanaja Paul receiving Dr. D.N. Prasad Memorial Oration Award.

first proved the efficacy of the domiciliary treatment of tuberculosis decades ago. An excellent example of community participation has been applied successfully in filariasis control by the Vector Control Research Centre of ICMR at Pondicherry. In Cherthala taluk of Kerala, once known as the elephantiasis place, there has been no case of filariasis infection in children since 1990".



Dr. A. Nandakumar receiving Dr. Prem Nath Wahi Award.



Awardees with the Hon'ble Minister.

The Hon'ble Minister opined that though India has made tremendous progress on many fronts during the past five decades, much more remains to be done before we free our people from pain, suffering and disease related deaths. She felt it befitting to rededicate ourselves today - as our first Prime Minister Pandit Nehruji and other members of the Constituent Assembly did 50 years ago - "to the service of India and her people and to the still larger cause of humanity, to fight poverty, ignorance and disease". "This can only be done by the researchers joining hands with the health providers and the policy makers to make for a better and a fitter tomorrow", she affirmed.

The function concluded with the presentation of mementos to Hon'ble Minister and other dignitaries, including the Union Secretaries of Health and Family Welfare and Director-General of Health Services, Government of India.

As part of the celebrations of the 50th year of Independence of India, the prestigious Dr. B.R. Ambedkar Centenary Award (1995-96) oration of the ICMR was delivered on the same day. The awardee Dr. V.I. Mathan, Professor of Medicine and Gastroenterology and Director, Christian Medical College, Vellore, delivered the oration on "Is Medical Research a Luxury for India".



A view of the awardees.



A view of the audience.

ICMR AWARDS AND PRIZES

The Indian Council of Medical Research has awarded the following prizes and awards to various Indian scientists for their outstanding research work in various fields of biomedical sciences.

Dr. B.R. Ambedkar Centenary Award for Excellence in Biomedical Research for the year 1995-96

Dr. V.I. Mathan
Professor of Medicine and Gastroenterology
and Director
Christian Medical College
Vellore.

Enteric diseases

Chaturvedi Kalawati Jagmohan Das Memorial Award for Research in Cardiovascular Diseases, 1995

Dr. Rajeev Gupta
Chief Physician and Director-Research
Monilek Hospital and Research Centre
Jaipur.

Cardiovascular epidemiology

Dr. Kamala Menon Medical Research Award for Research in Paediatrics, 1995

Dr. M. Bajpai
Associate Professor
Department of Paediatric Surgery
All India Institute of
Medical Sciences
New Delhi

Spina bifida and intraspinal lipomas

Kshanika Oration Award for Women Scientists for Research in Biomedical Sciences, 1995

Dr. M. Rajalakshmi
Professor and Head
Department of Reproductive Biology
All India Institute of Medical Sciences
New Delhi

Development of a safe, effective and reversible male contraceptive

JALMA Trust Fund Oration Award for Research in Leprosy, 1995

Dr. S.K. Sinha
Scientist
Division of Membrane Biology
Central Drug Research Institute
Lucknow.

Immunodiagnosis of leprosy and design of subunit vaccines

ICMR Prize for Biomedical Research for Scientists belonging to Under-privileged Communities, 1995

Dr. N. Selvakumar
Assistant Director
Tuberculosis Research Centre
Chennai.

Development of simple procedures for the isolation of *M. tuberculosis*

ICMR Prize for Biomedical Research in Under-developed Areas, 1995

Dr. Vas Dev
Senior Research Officer
Malaria Research Centre-Field Station
Sonapur, district Kamrup
Assam.

Malaria and its control

Smt. Swaran Kanta Dingley Oration Award for Research in Reproductive Biology, 1995

Dr. S. K. Gupta
Chief
Gamete Antigen Laboratory
National Institute of Immunology
New Delhi.

Fertility regulating vaccines

Dr. M.O.T. Iyengar Memorial Award for Research in Malaria, Filariasis, Plague or Medical Entomology, 1995

Dr. Y.D. Sharma
Additional Professor
Department of Biotechnology
All India Institute of Medical Sciences
New Delhi.

Molecular biology of malaria parasite

and

Dr. V.S. Chauhan
Scientist (Malaria Group)
International Centre for Genetic
Engineering and Biotechnology
New Delhi.

Research on malaria vaccine development

Amrut Mody Unichem Prize for Research in Maternal and Child Health, 1995

Dr. P. Bhaskaram
Deputy Director (Sr. Grade)
National Institute of Nutrition
Hyderabad.

Malnutrition and infectious diseases: Relevance to child health in India

Amrut Mody Unichem Prize for Research in Gastroenterology, 1995

Prof. Minnie M. Mathan Professor of Pathology and Head, Department of Gastrointestinal Sciences Christian Medical College Vellore.	Pathology and pathophysiology of acute diarrhoeal diseases and acute infectious diarrhoea

Dr. Prem Nath Wahi Award for Research in Preventive Oncology, 1995

Dr. A. Nandakumar Deputy Director (Sr. Grade) National Cancer Registry Programme Kidwai Memorial Institute of Oncology, Bangalore.	Population based survival studies

Dr. D.N. Prasad Memorial Oration Award for Research in Pharmacology, 1995

Dr. Vanaja Paul Reader Department of Pharmacology Dr. A.L. Mudaliar Postgraduate Institute of Basic Medical Sciences Chennai.	Neurotoxicities of environmental chemicals

AWARDS FOR YOUNG SCIENTISTS

Shakuntala Amir Chand Prizes, 1995

Dr. R. Rajalingam Research Officer Department of Histocompatibility and Immunogenetics All India Institute of Medical Sciences New Delhi.	Molecular immunogenetic basis of susceptibility to leprosy and pulmonary tuberculosis
Dr. Atul Goel Associate Professor Department of Neurosurgery K.E.M. Hospital Mumbai.	Alternative approaches to complex intracranial tumours
Dr. Sanjana Dayal Research Officer Department of Haematology All India Institute of Medical Sciences New Delhi.	Haematology

Dr. Shirish Paranjpe Research Officer National Institute of Virology Pune.	Molecular evolution of Japanese encephalitis virus

Dr. V.N. Patwardhan Prize for Research in Nutritional Sciences, 1995

Dr. J. Vijaya Senior Research Fellow Department of Cardiology S.V. Medical College Tirupati.	Progression and regression of atherosclerosis with special reference to trace elements

ICMR NEWS

The following meetings of various technical committees/groups of the Council were held:

Meetings of the Scientific Advisory Committee (SAC)/ Task Force (TF)/Project Review Committee (PRC) held:

Joint meeting of the SAC of the Centres for Advanced Research and Training on Enteric Diseases, New Delhi and Vellore	August 22, 1997 (at Vellore)
Steering Committee of the TF on Research on Microbiological Aspects of Chlamydial Infection	September 2, 1997 (at New Delhi)
PRC on Cardiovascular Diseases, Ophthalmology, Urology and Geriatrics	September 11, 1997

Participation of ICMR Scientists in Scientific Events:

Dr. C.P. Puri, Dy. Director (Sr. Grade), Institute for Research in Reproduction (IRR), Mumbai, participated in the meeting of Regional Advisory Committee for Asia and the Pacific of WHO Special Programme of Research Development and Research Training in Human Reproduction at Geneva (August 25-28, 1997).

Dr. Kamala Gopalkrishnan, Dy. Director, IRR, Mumbai, participated in the International Conference on Assisted Reproductive Technology/Andrology at Alexandria (September 10-12, 1997).

Dr. V. Ramesh Bhat, Dy. Director (Sr. Grade), National Institute of Nutrition, Hyderabad, participated in the joint FAO/IAEA/WHO meeting of the Study Group on High Dose Irradiation (wholesomeness of food irradiated with doses above 10 kGy) at Geneva (September 15-20).

Hindi Day Celebrations:

As part of the Hindi Day celebrations by the ICMR Headquarters, a workshop on "Communication of Biomedical Science in Hindi" was organized on September 10, 1997. Twenty junior and middle level scientists from various ICMR Institutes/Centres in different parts of the country participated in the workshop which was chaired by Shri Ved Pratap Vaidik, an eminent communication expert and chairman of the Council for Indian Foreign Policy. Four well known Hindi science communicators delivered lectures in the workshop.

*** *** ***

Dr. S.P. Agarwal, Director-General, Health Services, Government of India has temporarily taken over charge as Director-General of the Indian Council of Medical Research w.e.f. August 24, 1997.

Appointments:

Dr. D.A. Gadkari took over as the Director of the National Institute of Virology, Pune w.e.f. August 7, 1997.

Dr. N. Medappa took over as the Senior Dy. Director-General (Publication and Planning) at the ICMR Headquarters w.e.f. August 26, 1997.

Dr. Lalit Kant took over as the Senior Dy. Director-General (Epidemiology and Communicable Diseases) at the ICMR Headquarters w.e.f. August 27, 1997.

ICMR AIDED SYMPOSIA/SEMINARS/WORKSHOPS/COURSES/CONFERENCES

Symposium/Seminar/Workshop/ Course/Conference	Date & Place	Contact Address
National Conference on Advances in Biomedical Engineering	September 4-6, 1997; (at Cochin)	Sh. Jacob Thomas V., Organising Secretary of BECON'97, Model Engineering College, Cochin 682021.
Symposium on Recent Trends in Tropical Disease Research	September 5-6, 1997; (at Sevagram)	Dr. M.V.R. Reddy, Organising Secretary of the Symposium, J.B. Tropical Disease Research Centre and Department of Biochemistry, Mahatma Gandhi Institute of Medical Sciences, Sevagram, Wardha-442102.
National Symposium-cum-Workshop on Leptospirosis	September 11-13, 1997; (at Port Blair)	Dr. V.G. Rao, Organising Secretary of the Symposium, Regional Medical Research Centre, Port Blair-744101.
II Congress of the Federation of Indian Physiological Societies.	September 15-17, 1997; (at Tirupati)	Prof. P. Venkateswara Rao, Chairman, Organising Committee of the Congress, Department of Zoology S. V University, Tirupati-517502.
International Symposium on Recent Trends in Mental Health	September 19-20, 1997; (at Sevagram)	Dr. Prakash D. Behere, Organising Secretary of the Symposium, Department of Psychiatry, Mahatma Gandhi Institute of Medical Sciences, Sevagram, Wardha-442102.
Mid Term Conference of the Indian Society for Clinical Pharmacology and Therapeutics	September 19-20, 1997; (at Mumbai)	Dr. S.R. Shahani, Organising Secretary of the Conference, Department of Pharmacology, L.T.M. Medical College, Mumbai-400022.
International Symposium on Free Radicals in Medicine	September 22-24, 1997; (at Udaipur)	Dr. P.P. Singh, Organising Secretary of the Symposium, Department of Biochemistry, R.N.T. Medical College, Udaipur-313001.
IV National Conference of the Society of Biomaterials and Artificial Organs on New Horizons in Biomaterials Research	October 3-4, 1997; (at Hyderabad)	Dr. P.R. Chatterjee, Convenor of the Conference, Indian Institute of Chemical Technology, Hyderabad-500007.
IX National Congress of Veterinary Parasitology	October 6-8, 1997; (at Ludhiana)	Dr. H.S. Bali, Organising Secretary of the Congress, Department of Veterinary Parasitology, College of Veterinary Science, Punjab Agricultural University, Ludhiana-141004.
Guha Research Conference-1997	October 13-17, 1997; (at Palampur)	Dr. Amit Ghosh, Co-convenor-GRC'97, Institute of Microbial Technology, Chandigarh-160014.
Seminar on Current Status of Thalassaemia in India and National Workshop on Carrier Detection and Antenatal Diagnosis of Thalassaemia	November 13 and 14-15, 1997; (at Lucknow)	Dr. Sarita Agarwal, Organising Secretary, Department of Medical Genetics, Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow-226014.
International Conference on Advances in Reproductive Medicine	November 15-18, 1997; (at Calcutta)	Dr. Sudersan Ghosh Dastidar, Organising Secretary-ICARM'97, Infertility Clinic and I.V.F. Centre, 208, Rash Behari Avenue, Calcutta-700029.
Asia-Pacific Congress on Head and Neck Cancer	December 11-14, 1997; (at Mumbai)	Dr. Ashok R. Mehta, Chairman of the Congress, Department of Surgery, Tata Memorial Hospital, Mumbai-400012.

COUNCIL'S TRAINING PROGRAMMES FOR 1997-98

Leprosy

At the Central JALMA Institute for Leprosy, Agra:

- Training Course on National Leprosy Eradication Programme for Medical Officers (September 15-26, 1997).

Reproductive Biology

At the Institute for Research in Reproduction, Mumbai:

- Workshop on Basic Molecular Biology for Clinicians (December 2-11, 1997).

Endocrinology

At the National Institute of Nutrition, Hyderabad:

- Annual Certificate Course on Endocrinological Techniques and their Applications (August 1-September 15, 1997).

Nutrition

At the National Institute of Nutrition, Hyderabad:

- Postgraduate Certificate Course in Nutrition (December 1, 1997-February 28, 1998).

Occupational Health

At the National Institute of Occupational Health, Ahmedabad:

- Orientation Course on Occupational Health for Industrial Medical Officers (September 30-October 11, 1997).
- Training Course on Environmental Hygiene Practice (November 10-14, 1997).

Laboratory Animal Technology

At the National Centre for Laboratory Animal Science, National Institute of Nutrition, Hyderabad:

- Training Course for Laboratory Animal Supervisors (September 1-November 29, 1997).

Haematology

At the Institute of Immunohaematology, Mumbai:

- Training Course in Transfusion Medicine for Blood Bank Medical Officers (August 27-October 24, 1997).
- Training Course in Blood Group Serology and Blood Bank Methodology for Blood Bank Technicians (August 27-September 26, 1997).
- Training Course in Advanced Haematology and Immunohaematology (October 6-24, 1997).

EMERITUS MEDICAL SCIENTISTS

INDIAN COUNCIL OF MEDICAL RESEARCH

Nominations/applications are invited from distinguished retiring scientists engaged in research in the field of biomedicine for consideration for appointment as Emeritus Medical Scientists under the Council. Full particulars can be obtained from the office of the Director-General (Personnel Section), Indian Council of Medical Research, Post Box No. 4911, New Delhi-110 029. Scientists who have retired or are going to retire by 31st March, 1998 may apply for the appointment as Emeritus Medical Scientist under the Council.

Last date for receipt of applications is **30th November, 1997.**

ICMR PUBLICATIONS

	Price (Rs.)
Nutritive Value of Indian Foods (1985), by C. Gopalan, B.V. Ramasastri and S.C. Balasubramaniam, Revised and Updated (1989), by B.S. Narasinga Rao, K.C. Pant and Y.G. Deosthale (Reprinted 1995)	23.00
Growth & Physical Development of Indian Infants and Children (1972, Reprinted 1989)	10.00
Studies on Weaning & Supplementary Foods (1974, Reprinted 1996)	15.00
Studies on Pre-School Children (1974, Reprinted 1984)	6.00
A Manual of Nutrition (Second Edition 1974, Reprinted 1995)	6.00
Low Cost Nutritious Supplements (Second Edition 1975, Reprinted 1994)	4.00
Menus for Low Cost Balanced Diets and School Lunch Programmes Suitable for North India (Second Edition 1977, Reprinted 1994)	4.50
Menus for Low Cost Balanced Diets and School Lunch programmes Suitable for South India (Fourth Edition 1996)	6.00
Some Common Indian Recipes and their Nutritive Value (Fourth Edition 1977, Reprinted 1995) by Swaran Pasricha & L.M. Rebello	10.00
Nutrition for Mother & Child (Third Edition 1978, Reprinted 1994) by P.S. Venkatachalam & L.M. Rebello	9.00
Some Therapeutic Diets (Fifth Edition 1996) by Swaran Pasricha	7.00
Nutrient Requirements & Recommended Dietary Allowances for Indians (1990, Reprinted 1995)	16.00
Fruits (Second Edition 1996) by Indira Gopalan & M. Mohan Ram	20.00
Count What You Eat (1989, Reprinted 1994) by Swaran Pasricha	9.00
Diet & Diabetes (Second Edition 1993) by T.C. Raghuram, Swaran Pasricha & R.D. Sharma	18.00
Dietary Tips for the Elderly (1992) by Swaran Pasricha & B.V.S. Thimmayamma	3.50
Diet and Heart Disease (1994, Reprinted 1996) by Ghafoorunissa and Kamala Krishnaswamy	26.00
Depressive Disease (1986) by A. Venkoba Rao	58.00
*Medicinal Plants of India Vol.2 (1987)	136.00

* 25 per cent discount allowed to individuals.

These publications are available on prepayment of cost by cheque, bank draft or postal order (bank and postal charges will be extra) in favour of the Director-General, Indian Council of Medical Research, New Delhi. Money orders are not acceptable. All correspondence in this regard should be addressed to the Chief, Division of Publication and Information, Indian Council of Medical Research, Post Box No.4911, Ansari Nagar, New Delhi-110029 (India).

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