

publication would be an asset to the libraries and laboratories dealing with agriculture.

21, Indira Gandhi Road
Fairlands, Salem 636 016

G. RANGASWAMI

Advances in Materials Technology (United Nations Industrial Development Organisation) (Published by Technology Programme of UNIDO, P. O. Box No. 300, A-1400, Vienna, Austria) Monitor Issue No. 1, November 1983.

This is the first of the state-of-the art series in the field of Materials, and deals with high strength low alloy (HSLA) steels. The main feature is a special article by Michael Korehynsky, Director of Alloy Development in the Metals Division of the Union Carbide Corporation. The theme has been presented very well and a case made out for HSLA. The data

presented are convincing from all points of views. Even the decision-making political leaders can easily understand and appreciate the case for HSLA. In addition to these intended purposes, the whole pamphlet would form an excellent material for teachers and researchers in alloy steels.

The rest of the issue is devoted to information in alloy steels, their production and application, the minerals from which they are made, and the developments in these fields. It is not however clear as to how these are of particular relevance for developing countries. If they are technically relevant, it should apply to all countries, not necessarily to developing countries.

By and large, the presentation is excellent without serious mistakes but with good clarity. It is one of the best articles written authoritatively for the layman and the reearcher alike.

Director,
Central Electrochemical Research Institute,
Karaikudi 623 006.

K. I. VASU

SCIENCE NEWS

INDIAN ASSOCIATION OF BIO-MEDICAL SCIENTISTS V ANNUAL CONFERENCE—REPORT AND RECOMMENDATIONS

1. The Fifth Annual Conference of IABMS, was inaugurated by Dr H. V. Hande, Minister for Health, Govt. of Tamil Nadu on 29th September 1984 at the World University Service Auditorium in Madras: Over 120 Bio-medical scientists from all over India participated in the conference.

2. Speaking at the focal theme of the conference, "Health for all by 2000 AD," Dr K. S. Senjivi, President, Voluntary Health Services in his key-note address said that the bio-medical scientists could contribute a great deal in alleviating the human sufferings and told the delegates that the challenge before them was to use their research abilities in simplifying many aids to solve the health and environmental problems, so that these are accessible to common man.

3. Rev. Fr. N. Casimir Raj, S. J.; Principal, Loyola College, released the souvenir on this occasion and complemented IABMS for bringing together scientists of different disciplines to solve the problems of health

and environment.

4. Dr (Mrs.) Sarada Subramanyam, former President of IABMS, was the Scientist chosen to deliver the M. K. Nambiar Memorial Oration this year on "pulsed magnetic field" — A new tool in Modern Therapy. Dr P. Brahmayya Sastri of Vizag, one of the founder members of IABMS was honoured for his outstanding services to the association since its inception. Dr C. R. Krishnamurti, President of The Indian Association of Bio-medical Scientist presided over the function.

5. Over 60 original research papers, classified under the following topics: a. Bio-medical problems; b. Health and environment; c. Neurobiological studies; d. Bio-medical instrumentation, were presented during the two day conference.

6. Large number of students participated in the presentation of their papers and received certificates for their contributions. On the morning of 30th September, 1984 Dr S. Ramachandran, Advisor, Dept.

of Science and Technology, New Delhi, delivered the guest lecture on "Bio-technology and Health goals". The lecture was followed by a symposium on "Genetic and human health." Under the chairmanship of Dr M. Dharmarajan, former professor, of Genetics, Madras Veterinary College. The other participants: Dr Ragupathy, Sharma of Tuberculosis Research Centre, presented his paper on pharmacogenetics and Dr M. A. Muthu Sethupathy of Kilpauk Medical College, discussed 'Transplantation genetics' while Dr Miss. K. Kamala of Madras Medical College, explained the role of genetics in neurological problem in children; Dr. M. Dharma Rajan summarised the papers of Dr O. S. Reddy (Instt. Genetics, Hyderabad) and Dr M. Sanjivi Rao, Dept. of Genetics, Osmania University, on Molecular basis of genetic diseases, and mutagenesis.

7. The conference which was co-sponsored by the Depts of Science and Technology, Environment and the Faculties of Chemistry and Life Sciences of Loyola College, Madras—proposed the following recommendations at the concluding session. They were unanimously adopted.

8. Recommendations: a. Emphasis should be based on restructuring the Medical Science curricula and the health care at Graduate and post-graduate levels, in view of the rapid advances in Biomedical science, technology and engineering.

b. Faculties of University should be encouraged to establish viable post graduate courses in Bio-Medical sciences including Bio-Engineering, Bio-Medical instrumentation, keeping in mind huge resources needed

for the mass immunization programme to be launched as a National component of "Health for all by 2000 AD".

c. There should be greater inputs into the bio-technology of the relevant area of vaccine production by Bio-technological procedures.

d. There should be greater emphasis on environment and health and target date accepted to fulfill the objectives of providing safe drinking water and facilities for sanitary disposal of sewage in rural and urban areas.

e. To manufacture highly nutritive food wholesome and acceptable; bio-technology procedures should be adopted to preserve and conserve processed foods.

f. Efforts should be made to establish more counselling centres on human genetics in relation to management of birth defects.

g. National Referral Centre should be established to serve as data bank on regional basis for fulfilling the above objectives.

The conference has decided to publish invited lectures, symposium papers and prize papers in the Journal of IABMS, 'Bio-Medicine' and hold the next VI Annual Conference, in S. V. University, Tirupati in September 1985.

A. SRINIVASAN
(Organising Secretary)

Protein Research Unit,
Department of Chemistry,
Loyola College, Madras 600 034.

ERRATA

The Source data was omitted from the "News" articles extracted from Press Digest, *Current Contents*®, published by the Institute for Scientific

Information®, Philadelphia, PA, USA., and published in *Current Science*, Vol. 53, during 1984; the error is regretted.