

of the physicist, chemist, biologist or engineer with a training in the methods, functions and problems of industrial and business management. The course extends over a period of three months and covers "The Function and Problems of Industrial Management", "Sciences underlying Industrial Management" and "The Mental Activity of Industrial Management."

"Current Science"

WE have often commented on the increased interest which is being shown in science in India and further evidence of this is afforded by the issue of a new scientific monthly, *Current Science*, the first two parts of which have now been received. The journal, which is published at the Indian Institute of Science, Bangalore, under the direction of a strong editorial board, is modelled on *NATURE* both in its format and in the arrangement of its contents. The first two numbers contain editorials on "Retrenchment and Education" and "Unemployment among the Educated Classes". The former is of general interest, the latter, however, deals with a problem peculiar to India and one which has arisen mainly from the adoption of a university degree as a means of entry to Government service. The problem is now acute and without doubt steps will have to be taken to raise the degree standard in Indian universities and simultaneously to institute Civil Service examinations. Other articles of interest are "The Study of Nutrition in India" by Col. R. McCarrison and "Chemistry and Currency" by Dr. Gilbert J. Fowler. Numerous short scientific communications appear in the form of letters to the editor and there are short abstracts of recent publications in other journals. We welcome the appearance of this new monthly; if the standard of the first two issues is maintained it will be a valuable addition to scientific literature.

Automatic Temperature Control

WHEN the temperature during an industrial process must be kept constant it is more economical to do it automatically than by hand, and in a thirty-page pamphlet issued by Messrs. Negretti and Zambra methods of control are described. They depend on mercury in steel thermometers in which the capillary tube ends in a Bourdon tube which uncoils as the temperature of the bulb of the thermometer rises. This actuates a mercury switch if the heat supply to the furnace or chamber is electrical, or a compressed valve in a two-atmosphere air supply leak if the heat supply is gas or liquid. The change of pressure of the air supply operates a valve in the gas or liquid supply pipe.

Announcements

THE Secretary of State for the Colonies has appointed Mr. P. C. Chambers to be agricultural officer, Kenya.

THE Thomas Hawksley Lecture of the Institution of Mechanical Engineers will be delivered by the Right Hon. Lord Rutherford on Nov. 4, at 6 P.M. Lord Rutherford has chosen as his subject "Atomic Projectiles and their Applications".

MR. H. J. PAGE has been appointed controller of the Agricultural Research Station of Imperial Chemical Industries, Ltd., at Jealott's Hill, Bracknell, Berks, following the release of Sir Frederick Keeble from his executive and routine duties at that Research Station. Mr. Page was until 1927 head of the Chemical Department and chief chemist at the Rothamsted Experimental Station, and since that time has held the position of head of the Research Laboratories and chief chemist at the Research Station of which he has now taken charge.

AT the annual meeting of the Yorkshire Naturalists' Union to be held on Dec. 10, it is proposed to present to Mr. Thomas Sheppard, director of the Hull Municipal Museums and editor of the *Naturalist*, the official organ of the Union, his portrait in oils by Mr. Vincent Galloway. The presentation is to mark the retirement of Mr. Sheppard from the editorship of the *Naturalist* and as an appreciation of his work in that capacity for the last thirty years. Subscriptions may be sent to the Hon. Treasurer, The Yorkshire Naturalists' Union, Sackville Street, Leeds.

AN award of the Harrison Prize will be made next December by a committee consisting of the presidents of the Chemical Society, the Institute of Chemistry, the Society of Chemical Industry and the Pharmaceutical Society. The Prize is of the value of about £150 and is awarded to the chemist who, in the opinion of the Selection Committee, during the last five years has conducted the most meritorious original investigations in any branch of pure and applied chemistry and has published his results. Further information can be obtained from the President, The Chemical Society, Burlington House, Piccadilly, London, W.1.

A MOVEMENT is on foot among the engineering profession to mark in an appropriate manner the centenary, in April next year, of the death of Richard Trevithick, one of the greatest of British engineers. A meeting of representatives of engineering institutions will be held on October 20, at 5.30 P.M. at the Institution of Civil Engineers, Great George Street, Westminster, S.W.1. Engineers generally who are interested in the proposal are cordially invited to attend. The movement was started by the Newcomen Society for the Study of the History of Engineering and Technology, the honorary secretary of which is Mr. H. W. Dickinson, Barn Field, Riddlesdown Road, Purley, who will be pleased to answer inquiries.

APPLICATIONS are invited for the following appointments, on or before the dates mentioned:—A lecturer in biology at the Bishop Otter College (Church of England) for Women Teachers, Chichester—The Principal (Oct. 24). A director (professor) of the Research Laboratory in Zoology and a director (professor) of the Research Laboratory in Biochemistry at the University of Madras.—The Registrar, University of Madras, Triplicane, P.O., Madras (Dec. 1).