

SCIENCE NOTES AND NEWS

The Alpatron is an all-metal ionization gauge with continuous linear response to 10 mm. total pressure. The ionizing agent is a stream of Alpha particles emitted by a radioactive source, which permits operation at any pressure, including atmospheric, without damage to the gauge. The steady emission



characteristic of the radioactive element and advanced amplifier design insure great stability and reduce needle flicker to a minimum. The model produced at present by the National Research Corporation in Boston covers from 0 to 10 mm. in three ranges, all reading direct pressure. The ranges are 0 to .1 mm., 0 to 1 mm., and 0 to 10 mm. Pressures can be read to one per cent. of full scale reading in each case. The gauge is ideal for measuring pressures of gases other than air, such as argon, water vapour and hydrogen, as the linear response of the gauge holds true regardless of the atmosphere.

The Eleventh Annual Meeting of the Indian Academy of Sciences will be held at Udaipur from 26th December to 28th at the invitation of the Government of Mewar. The National Academy of Sciences is holding its annual meeting jointly with the Indian Academy.

The Sir C. R. Reddy National Prize has been awarded by H. E. the Governor, Chancellor of the Andhra University, to Prof. C. V. Chandrasekharan working at the Yerkes Observatory in America.

Sir C. P. Ramaswami Aiyar, Dewan of Travancore, will address the annual Convocation of the Patna University scheduled to be held on November 24th, 1945.

The Convocation of the Annamalai University will be held on 27th November 1945;

Sir Norman Strathie, Adviser to H. E. the Governor of Madras, will address the Session.

Sir Mirza M. Ismail has accepted the invitation of the authorities of the Benares Hindu University to deliver the Convocation Address on 2nd December 1945.

Mr. K. M. Pannikar, Prime Minister, Bikanir, has been invited to deliver the Convocation Address of the Andhra University on 6th December 1945.

Sir C. R. Reddy has kindly consented to address the Convocation of the Utkal University scheduled to be held on the 12th December 1945.

In connection with the forthcoming Session of the Indian Science Congress to be held in Bangalore from the 2nd January to 8th January 1946, the Local Committee has decided to bring out a Souvenir in an attractive form with suitable illustrations. About 2,000 copies will be printed and distributed amongst the delegates. Those intending to insert an advertisement in the Souvenir are invited to correspond with Mr. B. R. Subba Rao, M.A., Dip.-in-com., Convener, Publication Sub-Committee, Indian Science Congress Session 1946, Central College, Bangalore.

The 33rd Session of the Indian Science Congress will be held in Bangalore from the 2nd to the 8th January 1946. The problem of accommodation in Bangalore being very acute, the Local Secretaries advise that arrangements should be made well in advance in the different hotels and students' hostels. Bangalore during January is comparatively cold; the delegates are advised to provide themselves with warm clothing. There will be full-day excursions (if sufficient number of delegates participate) to Iron and Steel Works and Paper Mills at Bhadravati, the famous Jog Falls, Belur and Halebid Temples, Mysore, Krishnarajasagara, Seringapatam, Sivasamudram Hydro-Electric Works, and Kolar Gold Fields.

Numerous students and scientists, who have been benefited by the brilliant researches of Rai Bahadur Dr. S. L. Hora, met in Calcutta recently and decided to celebrate the Silver Jubilee of his first scientific publication (September 1920). For celebrating the occasion a comprehensive programme is being chalked out but its successful execution will largely depend upon the funds that could be collected for the purpose. Those wishing to associate themselves with this function are invited to remit their donations to Dr. Nazir Ahmad, Hon. Secretary, Jubilee Committee, 13, Ballygunge Circular Road, Calcutta.