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Bhatnagar, Shanti Swarup, 1895–1955. b. Shahpur district, Punjab; Forman Christian College, Lahore; B.Sc., 1916; D.Sc., University College London. Professor of Chemistry, Benares Hindu University, 1921–4; Professor of Chemistry, University of Punjab, Lahore, 1924–40; Director, Board of Scientific and Industrial Research, Delhi, 1940f. Knighted, 1941; FRS, 1943; President, Indian Science Congress, 1944.

Bose, Jagadis Chandra, 1858–1937. b. Vikrampur, near Dacca; St Xavier’s, Calcutta; Cambridge; D.Sc., London. Indian Educational Service, 1885–1915; began research on electric waves, 1895; plant physiology, 1899; founded Bose Institute, 1917. Knighted, 1915; FRS, 1920; President, Indian Science Congress, 1927.

Bose, Pramatha Nath, 1855–1934. b. Gaipur village, Twenty-Four Parganas; St Xavier’s College, Calcutta; Gilchrist scholarship, 1874; B.Sc., London. Joined Geological Survey of India, 1880, as assistant superintendent; retired, 1903, as deputy superintendent. Presided over Industrial Conference, Calcutta, 1891.


Buchanan, Francis, 1762–1829. b. Brenziet, near Stirling; Glasgow; MD, Edinburgh, 1783. Assistant surgeon, Bengal Medical Service, 1794; surveys of south India, 1800–1, Bengal, 1807–14; Superintendent, Calcutta Botanic Garden, 1814–15; left India, 1815. Took name Buchanan-Hamilton, 1818.


Chopra, Ram Nath, 1882–1973. b. in Jammu and Kashmir; MD, 1912. Joined Indian Medical Service; Professor of Pharmacology, Calcutta School of Tropical Medicine, and Professor of Pharmacology, Calcutta Medical College, 1921f; chaired Drugs Enquiry Commission, 1930; retired, 1941.

Everest, George, 1790–1866. b. Gwenvale, Brecknockshire; joined Bengal Artillery, 1806; captain, 1818; major, 1832; lieutenant-colonel, 1838. Chief assistant, Trigonometrical Survey, 1818–23; Superintendent, 1823–43; Surveyor-General of India, 1830–43; retired, 1843. FRS, 1827; knighted, 1861; member, Council of Royal Society, 1863–5.

Falconer, Hugh, 1808–65. b. Forres, Morayshire; MD, Edinburgh, 1829. Assistant surgeon, Bengal Medical Service, 1830; Superintendent, Saharanpur Botanic Garden,
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1832–41; Superintendent, Calcutta Botanic Garden, and Professor of Botany, Calcutta, 1848–54; left India, 1855. With Cautley awarded Wollaston Medal of the Geological Society of London, 1837; FLS, 1844; FRS, 1845.

Hodgson, B. H., 1800–94. b. Prestbury, Cheshire; Haileybury College. Served in India, 1818; Resident, Nepal, 1833–43; lived at Darjeeling, 1845–53; published extensively on Himalayan zoology and ethnology; left India, 1853. FLS, 1835; FRS, 1877.

Holland, Thomas Henry, 1868–1947. b. Helston, Cornwall; Royal School of Mines. Entered Geological Survey of India as assistant superintendent, 1890; Director, 1903–10; Professor of Geology, Manchester University, 1910–18; President, Indian Industrial Commission, 1916–18; member, Viceroy's Executive Council, 1920–21. Rector, Imperial College, London, 1922–29; Principal and Vice-Chancellor, Edinburgh University, 1929–44. FRS, 1904; knighted, 1908.


Lambton, William, 1716–1823. b. Crosby Grange, Yorkshire. Entered army, 1781; transferred to HM 33rd Foot, 1794; captain, 1806, major, 1806, lieutenant-colonel, 1814. Served in India, 1798; survey of south India, 1800–18; Superintendent, Trigonometrical Survey of India, 1818–23. FRS.


Martin, James Ranald, 1796–1874. b. Isle of Skye; St Bartholomew's Hospital, London. Assistant surgeon, Bengal Medical Service, 1817; surgeon, 1828; Presidency Surgeon, 1830; left India, 1840. Member, Royal Commission on Sanitary State of the Army in India, 1859–63; knighted, 1860.

O'Shaughnessy, W. B., 1809–89. b. Limerick, Ireland; MD, Edinburgh, 1830. Assistant surgeon, Bengal Medical Service, 1833; surgeon, 1848; Professor of Chemistry, Calcutta Medical College; Director-General of Telegraphs, 1852; left India, 1861. FRS, 1843; knighted, 1856.

Raman, Chandrasekhara Venkata, 1888–1970. b. Trichinopoly; Presidency College, Madras, MA (Mathematics), 1907. Joined Indian Finance Department; Palit Professor of Physics, Calcutta University, 1917–33; discovered 'Raman effect', 1928; Director of Indian Institute of Science, Bangalore, 1933–7; founded Raman Research Institute, 1948. FRS, 1924; knighted, 1929; Nobel Prize for Physics, 1930.

Ray, Prafulla Chandra, 1861–1944. b. Rarul village, Khulna district, Bengal; Presidency
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College, Calcutta; Gilehrist scholarship, 1882; B.Sc., Edinburgh, 1885; D.Sc., 1887. Professor of Chemistry, Presidency College, Calcutta, 1889; Palit Professor of Chemistry, University of Calcutta, 1917. Knighted, 1919; President, Indian Science Congress, 1920; President, Indian Chemical Society, 1924–6.

Ross, Ronald, 1857–1932. b. Almora, North-Western Provinces, son of General Sir Campbell Ross. MRCS; St Bartholomew's Hospital, London. Indian Medical Service, 1881–99; joined Liverpool School of Tropical Medicine, 1899, Professor, 1902–12. FRS, 1901; Nobel Prize for Medicine, 1902; knighted, 1911.


Saha, Meghnad, 1893–1956. b. Seoratali village near Dacca; B.Sc., Presidency College, Calcutta; M.Sc., Calcutta, 1915; D. Phil., Berlin. Professor of Physics, Calcutta, 1921; Professor of Physics, Allahabad, 1922f. Member, National Planning Committee, 1938f. FRS, 1927; President, Indian Science Congress, 1934.

Sircar, Mahendralal, 1833–1904. b. village near Howrah; Calcutta Medical College; MD, 1863. Converted to homoeopathy, 1867; launched Calcutta Journal of Medicine, 1868; founded Indian Association for the Cultivation of Science, 1876.

Wallich, Nathaniel, 1786–1854. b. Copenhagen; MD; joined Danish Medical Service. Appointed surgeon to Danish settlement of Serampore, 1807, but joined East India Company's medical service after its capture, 1813; Superintendent, Calcutta Botanic Garden, 1815f; left India, 1847. FLS, 1818; FRS, 1829.