INDEX
INDEX

Absentee landlords, 16 et seq.
Academy of Sciences, 135.
Acharyya, Prankrishna, 89, 226.
Albert Hall, 43; meeting, 127-28.
Albert School, congenial atmosphere, 39; influence of Brahmo teachers on Ray, 42-44.
Ali, Mohammed, 230.
Allen, on Japan, 343, 353.
America, shipping in, 354-355; cooperation in, 416-417; U. S. A. Government and unemployment in, 379-385; genesis of, 506.
American Chemical Journal, 119.
Andrews, C. F., on floods, 247-249.
Arabic literature, enrichment of, 144-145.
Arrhenius, 69, 121, 172, 173.
Asiatic Society of Bengal, 85, 117, 152, 158.

Baker, on China, 316, 323-324.
Balfour, Lord, 204.
Banerji, Chandi Charan, 42.
D. C., 340.
K. M., 9, 38, 146.
Moheschandra, 28.
Pratap Chandra, 34.
S. C., 279.
S. K., 207.
Surendra Nath, 47, 123, 125; Partition and, 139; Ray on, 537-538.
Bangiya Steam Navigation Co., Ltd., 360.
Bankura under British rule, 412; decay of tanks and bunds, 414-417; cup of misery of, 419-421.
Bardhan, Jogendra Chandra, 193.
Barnard, Sir Charles, 73-74.
Bayley, Sir Stuart, 77.
Bengal, partition of, 138-139; intellectual renaissance in, 140-144, 145-151; early economic condition of, 395 et seq.; a creditor country, 428-432; economic conquest of, 440, et seq.; eclipse of, 471-473; annual economic drain of, 473-478; the underdog, 478-484; effect of caste system on, 519-521.
Bengal Burma Navigation Co., 357.
Bengal Chemical & Pharmaceutical Works, 92-111, 124, 162, 318, 332-333.
Bengal Enamel Works Ltd., 345-347.
Bengal Relief Committee, the, 239-249.
Bengal trade, non-Bengalis in, 451-456; Marwaris and, 445.
Bengali brain and its misuse, 153.
Bengali literature, poverty on the scientific side, 87; modern, 145-146.
Bengalis, failure of the 440 et seq. due to ineptitude, 440-447; due to lack of versatility and adaptability, 447-451; due to lack of industrious habits, 456-459; due to want of enterprise and initiative, 459-466; opinions on, 488-497.
Bentley, Dr., 237-238.
Berthelot, M., 114; correspondence with Ray, 115-116; encouragement from, 117-118; on History of Hindu Chemistry, 119; Ray with, 135-136; Ray on, 136-137; funeral, 137.
Bessemer, 277, 330.
Betelnut trade, 447-448.
Beveridge, quoted, 398.
Bhaduri, Chandra Bhusan, 83, 95, 96, 102; for the new chemical laboratory of the Presidency College, 113; 182, 317-318.
Bhaduri, Kulabhusan, 96, 102.
Bhatnagar, Prof. S. S., 161, on Physical Chemistry, 186-188, 194.
Bhattacharyya, D. N., 345-346.
Bhattacharyya, Dwijendra Nath, 345.
Bhattacharyya, Kali Krishna, 41.
Biri manufacture and the Bengalis, 459-461.
Birla, G. D., 279, 527-529.
Bodhkhana, Ray Chaudhuris of, 2.
Bombay’s share in the economic drain of Bengal, 478-483.
Bose, Amulya Charan, 77; and Bengal Chemical, 101-103; and indigenus drugs, 104; 108, 109; death, 110.
Bose, Ananda Mohan, 123, 125; on Educational service, 155-158; Ray on, 538.
Bose, D. M., 207.

Bose, Jagadis Chandra, 53, 79, 80, 129, 131; epoch-making researches, 152-153; his achievements, 154; 226; Mrs. Bose, 80.

Bose, Jogendra Nath, 86.
" Panchanan, 250.
" Prafulla Kumar, 193.
" Raj Narain, 30, 86, 142.
" Raj Shekhar, 111; on the failure of the Bengalis, 493-497.
" Satyananda, 231.
" Satyendra Nath, 167, 196.
" Subhas Chandra, 238-239, 241.

Brahmo Samaj, influence on Ray, 30-31; 39; tenets of, 42; Brahmanbandhu Sabha, 85; movement, 146-147.

Bright, John, and Ray’s essay, 64; 266, 537.
Burke, on “Plassey drain”, 232-233.
Butler, Dr., 176, 177.

Calcutta, past and present, 20-23; Ray removed to, 26; its changing population, 469-471.
Calcutta Pottery Works, the, 321, its history, 337-342.
Calcutta University, the jubilee, 163; 173; College of Science, 196, 197; Fuller affair, 198-199; Government and Science College, 200-206, 207.
Cambridge University, Ray’s visit to, 176-177; Ray at the Congress of the Universities, 204-206.
Capitalism cum Industrialism, 390-391.
Carey, William, 145, 503.

Carlyle, on student life at Edinburgh, 57-58; 209; on Cromwell, 222; on true university, 301; quoted, 529-530.
Carnegie, Andrew, on graduates and business, 272-273, 276, 333-334; his career, 277; advice to young men, 477-478; 504, 524.

Caste-system, its baneful effect on Hindu society, 502 et seq.; responsible for the misfortune in Bengal, 519-531; stumbling block in the growth of Indian nationality, 513; inter-marriage and fusion of races impossible, 519.
Chakravarti, Gopal Chandra, 193.

Charka, gospel of, 361 et seq.; spinning and weaving, their decline, 362-365; and agriculture, 475-476; lament of a spinner, 377-378.
Chatterji, Aditya Kumar, 42.

Chemical manufacture and modern industry, 329-329.
INDEX 549

Chemical Service Committee, Ray's note of dissent, 319.
China, porcelain manufactory, 319-321; Baker on, 323-324; machinery and unemployment in, 385-386; modern, 516.
Chinese, carpenters, 458-459; in the shoe-trade of Calcutta, 458-459.
Chowdhury, Prof. Niren, 242.
Clairvoyance and Ray, 76-77.
Clerkdom and failure of the Bengalis, 466-469; merchant's clerk, 467, 469.
Cloth trade of Dacca, and the Bengalis, 440-441.
Cohen, 132.
Colebrooke, 361; on charka, 362; on early sugar industry in Bengal, 400; quoted, 412.
Coleridge, his bitter experience, 210.
Collège de France, 135.
Congress of the Universities of the Empire at London, Ray delegate to, 173; 174-176; at Cambridge, 301-306.
Cordier, M. Palmyer, 136.
Croft, Sir Alfred, 74, 75, 77, 80-81, 112, 154.
Crookes, 1, 172.
Crum Brown, Prof., 59, 60, 68, 73, 131, 132, 195.
Cumming, Sir John, 111.
Cunningham, the young Irish professor, 161-163.
Curzon, Lord, and the partition of Bengal, 138-139; on parliamentary eloquence, 269.

Das, B. M., on the failure of the Bengalis, 489-491.
Das, Satyaranjan, 53.
Das Gupta, Kshitis, 250, 253-254.
Datta, Akshay Kumar, 39, 146.
Dr. B. B., 207.
Madhusudan, 1, 143-144.
P. N., 71.
Rashik Lal, 167, 182, 185.
Srinath, 39.
Davy-Faraday Research Laboratory, Ray worked at, 131.
Deli, Girish Chandra, 29.
Deodhar, G. K., 123.
Deoghar, Ray at, 86-87.
Dewar, Sir James, 131-132.
Dey, Daman Behari, 171, 179.
Kanailal, 105.
Maniklal, 167, 182.
Rajendra Lal, 182, 193.
Tincory, 174.
Dhar, Nil Ratan, 167, 171; and physical chemistry, 173-174; 182, 185.
Dittmar, Prof., 69.
Dixon, 132.
Dobbin, Leonard, 60.
Durham University, and Ray, 120.

East India Company, 4, 78; and Bengal marine, 349, 413; and investments from Bengal, 430-431.
Boden Hostel, Ray and the brilliant group of students at, 167.
Edinburgh, 56-58; life at, 56, 67, 68, 71; the Royal Society, 131-132.
Edinburgh University, 59-61, 67; Chemical Society, Ray elected Vice-President, 68; Doctorate for
Ray, 71; excursions, 93-94; tercentenary, 538-539.

Education, insane craze for University, 259, et seq; aim of, 303; and mother-tongue, 289-91.

Education Department, Bengal, 74, 79; Ray and, 80-82; Indians and higher service, 78-79; "Reorganisation scheme" and Late A. M. Bose's speech, 155-58.

Elliott, Sir Charles, 81, 112.

Emerson, quoted, 84, 144, 185, 210, 283-284, 310.

Hrdman, 132.

Essay and Discourses, 225.


Expert knowledge vs. business, 329-333.

Faridpur, food deficit in Bengal, 421; agricultural wealth of, 422; economic condition of, 423-425.

Ferdandes, F. V., 182.

Fischer Emil, 134.

Fishmongers' Company, Ray at the banquet, 178.

Ford, Henry, on mechanisation, 380-381.

Foreign Degree, glamour of, 310, grave wastage, 311; and prestige, 315; and Indian University alumni, 312-314.

Frankland, 132.

Franklin, Benjamin, Ray's special favourite, 30; his life and scheme, 211-212.

Fraser, Thomas, 60.

Fuller, Sir B., 162, 198-199.

Fusion of races and Hindi society, 517-529.

G. C. Ray and Bros., Ray as bookseller, 535.

Gandhi, Mahatma, in loin cloth, 56; Ray meets, 126-127; first appearance on the Calcutta platform and Ray, the Albert Hall meeting, 127-128, his method, 222-223; 361; machinery and, 387-388, 392, and mill-owner, 480; Rabindranath on, 531.

Ganesh Prasad, 207.

Ganguly, Atul Chandra, 160-161.

Gay-Lussac, 134, 165.

Ghosh, Atul Chandra, 161.

Ghosh, Jnanendra Chandra, 167, 173, 182, 185, 196; Ghosh's Law, 197.

Ghosh, Jyotish Chandra, 235.

Kunja Lal, 235.

Lal Mohon, 537.

P. N., 207.

Ram Gopal, 20-21, 146.

Rash Behari, 205-206; Ghose deed of gift, 196; second endowment, 203.

Sisir Kumar, 1, 86.

Gibson, Dr. John, 60.

Gilchrist Scholarship, and Ray, 48-49.

Gokhale, G. K., 123; Ray on 123-126; on Ray, 124; as fellow-passenger, 126, 127, 203; as speaker, 538.

Goswami, Kshetramohan, 9.

Guha, Bires Chandra, 194.

Guha, Prafulla Chandra, 182-183.

Gwynn, G. T., the special correspondent of the Manchester Guardian, 242, 250.

Haldane, quoted, 217, 541-542; a parallel case, 230.

Hankin, on America, 268, 277.

Hardy, Mrs., on modern civilisation, 391-392.

Hare School, 26, 28-29; relation with teachers, 41-42.

Hartog Commission, Interim report on education, 262-263.
INDEX

Hazlitt, quoted, 497.
Healy, T. M., 537.
Helmholtz, 516, 539.
Heredity and environment,
Eugenics, and Ray, 531-536.
Hindu Orthodoxy, revival of, fatal to the progress of India, 529-531.
Hindu society, Ray on, 31, 148-149;
caste system and, 502 et seq.;
hereditary untouchables, 507;
non-co-operation with vengeance, 510;
exclusiveness and blindness of the backward communities, 520-521.
Second volume, 163-164.
Holland, Sir Thomas, 113.
Hnknmehand, Sir S., 278, 332.
Hunter, W. W., on Bengal "the milk cow", 428, 431, 432.

Iddesleigh, Lord, 61, 539.
India, Government of, and Science
College and, 199-206; caste-ridden,
502, 508-511, 513.
Indian Association for the Cultivation of Science, and Dr. Sircar, 77, 149.
Indian Chemical Society, its genesis,
188, 192; Ray and, 194-195.
Indian Medical Congress, stall for
the Bengal Chemical at, 105.
Indian National Congress, 125;
resolution on Education Service, 155; Ray, ten minutes’ president of, 230.
Indian School of Chemistry, evolution of, 169-70, 185-188; fresh recruits, 192-194.
Indian shipping, 355-356, 358; indigenous ship-building, 359-360.
Indian University alumni, 313-315.
Indigenous Banking, and the Bengalis, 441-444.
Indigenous drugs, and Bengal Chemical, 104-105; Bose and Kar
for, 104.
Industry, war and, 316-319; modern,
327-329; chemistry and, 325-327;
and state, 342-344; Melchelt on,
331.
Industry precedes Technology, 316.
et seq.; case of China, 319-324.
Institute of Science at Bangalore, 198, 200-202.
Insurance Companies, drain of
Bengal’s wealth by, 483-487.
Investments, 430-431.
Irrigation, and the Mahomedan rulers,
418-419; excavation of
tanks, 14-16; and Bankura, 414.

James, H. R., on Ray, 180-181; Ray
on, 183-184; 185.
Jack, quoted, 448.
Japan, national government of, for
infant industries, 342-344; mer-
cantile marine, 352-354; social
changes in, 511-512.
Jennings, Mr., 185.
Journal des Savants, Berthelot’s
article, 117-118; on History of
Hindu Chemistry, 119-120.
Jute Industry, 401-402; effect of
jute cultivation, 403-405.

Kabibhusan, Pandit Navakanta, 118.
Kar, R. G., 104.
Kelly, Dr. and Mrs., Ray with at
Edinburgh, 67-68.
Khadi Pratishthan, 376.
Khaira endowment, 203-204.
Khulna, 76; Famine and Ray, 234-
235.
Knowledge, on Ray, 119.

Labour-saving devices, 384-387.
Lafont, Father, 149.
Lahiri, Ramtanu, 23; 24.

... Prasanna Kumar, 47.
Laski, H., quoted, 229; 299-311.
Lavoisier, 134, 218.
Laws of health, Ray on, 37.
Levi, Sylvain, Ray with, 135-136; on Ray, 164.
Lippman, Von, 122.
London, Ray at, 53; 54; 131; 173-179; Lord Mayor's banquet, 179.
London Chemical Society, 122; Ray read a paper before, 173-174; 295, 317.
London Times, on Bright's letter to Ray, 64.
Lorenz, Prof. Richard, 134.

Macaulay, his peroration, 78; famous minute, 112; 292; 209-210; quoted, 264-265.
Macdonald, Ramsay, on Railways and Famine in India, 407-408; 427; early life, 269, 284-285.
Machine, driving men out of work, 381-384; curses of, 385-386; Gandhi and, 387-388; superior tools and starvation, 393.
Maidan, walk, 167; club, 224, 226.
Maitra, Heramba Chandra, 86, 89, 226.
Maitra, Pramatha Nath, 426.
Makers of Modern Chemistry, extracts from, 165-166.
Manchester Guardian, the, the special correspondent on the flood relief-work of 1922, 242-247; on the eclipse of Bengal, 471-473.
Manning, Miss E. A., 54.
Manual work held in contempt, a great national danger, 282-288.
Maritime Activity, and awakening of political consciousness, 513-517.
Marshall, Hugh, 61; how became famous, 70.
Martin, 158-159.
Marwaris, 90, 463-464; and Bengal trade, 444-446; 474; 476; 477; separated from the Bengalis and their social outlook, 519-520; misdirected charities, 521-522, 527-529.
Masaryk, 287, 295; outlook on education, 302-303; 306, 504.
Mass Production of graduates, 459-463.
Mechanisation, Ford on, 381; mechanical civilisation and China, 385; and U. S. A. 389-390.
Medium of instruction, 289, 291; bilingualism, 295-299.
Melchett, Lord, on modern industry, 327, 331, 334; 518.
Mercantile marine in Bengal, past and present, 347-358.
Mercurous Nitrite, discovery of, 113; 114; first paper, 152.
Meston Award, and drain of the wealth of Bengal, 435-439.
Metropolitan Institution, 46-48.
Meyer, Victor, 114.
Meyerhofer, 152.
Mitra, Dignabhar, 9, 10, 19.
"" Peary Chand, 21, 146.
"" Prafulla Chandra, 180, 196.
"" Rajendra Lal, 19, 146.
"" S. K., 207.
"" Susil Kumar, 194.
"" Yadav Chandra, 95, 102.
Monahan, F. J., 296.
Monroe, on China, 380.
Modern civilisation, Howard on 388; the underworld, 389.
Mossian, 136; 137.
Muir, Sir W., 62; on Ray, 63; 72.
Mukherji, Asutosh, 154-155; letter to Ray and the Science College 179-180; 196; his desperate effort to secure grant, 198-199, 203.
Mukherji, Janendra Nath, 167; i Colloid Chemistry, 172; 173, 182; 185, 194, 196.
Mukherji, Jogesh Chandra, on the failure of the Bengalis, 491-493.
Mukherji, Sir R. N., 278.
Muslim Pirs, 3.
Mussolini, on state schools, 281-282; life, 286-287; on University, 301.
Mysore Convocation Address, by Ray, 307-309.

Nandy, Manindra, 190; in "Pottery Works", 337, 340.
Nature, 119; on Ray’s paper, 174; on the Indian School of Chemistry, 185-186; on Ray’s life-work, 225; on Berthollet’s funeral, 137.
Nature Club, 89.
Nature Study, Ray in, 87-89.
Neogi, Panchanan, 160.
Newmann, Cardinal, 300-301.
Nitrite, Ray’s paper on, read before Ind. Chemical Society, 173-174.
Nobel Bengal immigrants in Bengal, 463.
North Bengal Flood, the, 208, 238; Bengal Relief Committee’s Work, 239-242.

Oswald, 69, 172.
Over-production and consequent unemployment, 379-381.

Pakrasi, Ayodhyanath, 30.
Pal, Bholanath, 29.
Bhunath, of Butto Kristo Paul & Co., 93, 106.
Palit, Tarak Nath, 199, 205-206.
Palit Trust Deed, 196.
Pérot, Ray at, 134-137.
Pasteur, quoted, 70; 538-539.
Peasantry, of Bengal, 403, 425; ruinous craze of the, 405-406; indebtedness of the, 407.

Perkin, 132.
Physical Chemistry, pioneers of, 69; Dhar, Mukherji, Ghosh in, 172-173; Bhatnagar on the researches of, 186-188.
Plassey Drain, 432-435.
Playfair, Lord, 73, 195.
Primer of Zoology in Bengali, 89.
Presidency College, 47, 77; Ray at, 80: new chemical laboratory, 112-113; brilliant group of students, 167; chemical research at, 169-173, 182-183; retirement from, 188; 304, 317-318.
Porcelain manufactory, 310-321.
Prohibition of sea-voyage—its repercussion on Hindu India, 513, 517.
Public Service Commission, recommendations of, 79, 81.

Quasi-political Activity, Ray in, 227-233.

Railway embankments and floods, 236-238; Bentley on, 237.
Rakshit, Jitendra Nath, 167-170.
Raman, C. V., 202, 207.
Raruli, 1, 10; village school, 19.
Ray, Ananda Lal, grandfather, 6; his sradd ceremony, 25.
Ray, B. B., 207.
Ray Chowdhuris of Bodhkan, 2.
Ray, D. N., 50-51.
Ray, Haris Chandra, father, 1, 2; intellectual equipment, 8-9; fond of music, 9; acquaintances, 9; his income, 10-11; loan office, 11; for widow-remarriage movement, 24-25; cordial relation with his sons, 27-28; pecuniary embarrassment, 45-46; his death, 109.
LIFE AND EXPERIENCES

Ray, Manik Lal, the great-grandfather, wealth, 67; culture, 9.
Ray, Prafulla Chandra,—
Early life and education:—
Birth, 1; family history, 2-4; mother, 8, 46, 49, 76; ancestral house, 8, 11-12; village school, 19; his first impressions of Calcutta, and his removal, 19-20, 26; relation with his father, 27-28; his intellectual equipment, 27-28; faith and Brahma Samaj, 30-31.
Hare School, 26, 28-29; the teachers, 41-42; attack of dysentery and eventful year of his life, 31-38; passion for study and learning new languages, 33-38, 305.
Albert School, 39; influence of Brahma teachers, 42-44; his love of English literature and Krishna Behari Sen, 44.
Metropolitan Institution, 46-48 external student at the Presidency College, 47; blow-pipe incident, 48; Gilchrist scholarship, 48-49.
Departure for Europe, 50-54; at London, 53-54; "Indian robe" incident, 55, 68.
Edinburgh University, 59-61; Essay competition, 61; his Essay on India, 61-67; London Times and Bright’s letter to, 64; Thesis for doctorate, Hope prize, 68; elected Vice-President of Chemical Society, 68; Doctorate in Inorganic Chemistry, 71; teaching and laboratory work, 70-71; tercentenary, 538-539.
Tour in the Highlands, 71-73.
Home coming, 75; meets mother, 76; dream at Edinburgh, Clairvoyance, 76-77.
Hospitable roof of Dr. and Mrs. Bose, 80.
Career as Professor:—
Appointment at the Presidency College, 80; making of a teacher, 82-84; way of his lecturing, 83, 304, 305.
Research on food-stuffs, a paper published, 84-85.
Insomnia and change at Deoghar, 85-87.
Nature Study and Nature Club, 87-89; wrote Primer of Zoology in Bengali, 89.
Pharmaceutical preparations and the Bengal Chemical Works, 92-111; purchase of Sodepur Acid Works, 102.
Death of his father, 109.
The new chemical laboratory, 112-113.
Discovery of mercurous nitrite, 113-114; analysis of minerals, 113.
Researches in the history of Hindu Chemistry, 115, 118-119; correspondence with Berthelet and the article in Journal des Savants, 115-118.
Hony. D.Sc. of Durham University, 120-127.
Meeting with Gokhale, 123-126; with Gandhi, 124; responsible for Gandhi’s first appearance on a Calcutta platform, the Albert Hall Meeting, 127-128.
Second visit to Europe, 129-131; at Davy-Faraday Research Laboratory, 131; visit to research laboratories of Europe,
INDEX

131-137; dinner at the Royal Society, Edinburgh, 131-132.
Return to Calcutta, 137; "Partition" and awakening of Bengal, 138-139.
"Reorganisation Scheme" and in the proper grade, 158; offered Principalship of Rajshahi College, his refusal, 158-159.
Cunningham incident, 161-163.
Chemical research in Bengal, 160-161, 167-173; the brilliant group of students, 166-167.
Delegate to the First Congress of the Universities of Empire at London, 173-174, 175-176; paper on ammonium nitrite, read before the Chemical Society; Ramsay, Veley, Roscoe and Nature on the paper, 173-174; visit to Cambridge and Sheffield Universities, 176-178; anniversary of the Royal Society and other functions, 178-179; Asutosh Mukherji’s letter, 179-180; "at home" on his return, 180-181.
Indian School of Chemistry, slow evolution, 169-170; Nature on, 183-186; Dr. Watson and his pupils, 191-192; fresh recruits, 192-194.
Indian Chemical Society, formed, 194-195.
Retirement from the Presidency College, 188-191.
University College of Science, 196; poor equipment and Asutosh’s efforts, 196-197, 203; Ghose, Palit and Khaira endowments; Government’s attitude, 198-203.

Ray on the "State and the University" at 3rd Congress of the Universities, 204-206; 207. Quasi-political activity, 228-233.
Social Service Activity:—
Khulna Famine and Relief Work, 234-235.
Bengal Relief Committee and the North Bengal Flood of 1922; 236-242; Manchester Guardian and Andrews on, 242-249.
The Sankat Tran Samity, and the recent floods, 249-254.
His daily routine, 213-216.
Active period of his life, 223-226.
Maidan Club, 167, 224, 226.
Men he has seen and heard, 537-539.
Industrial enterprises:—
Bengal Chemical and Pharmaceutical Works, 92, et seq.
Sodepur Sulphuric Works, 102.
Calcutta Pottery Works, 337-342.
Bengal Enamel Works, 345-347.
Bangiya Steam Navigation Co., 360.

Ray, P. K., 55.
Ray, Priyadarjan, 192-193.
Ray, Ram Mohan, 55, 78; spirited letter to Lord Amherst, 140-141, 294; maker of modern Bengal, 142; 150, 532.
Ray, Taraprasanna, 149.
Reorganisation scheme and the education service, 155, 158.
Richardson, D. L., 2, 29.
River-borne trade in Bengal, 397-398.
Roscoe, 114, 174.
Rosebery, Lord, 175, 537.
Royal Institute of Science, Bombay, 202-203.
Royal Society, Ray attends the 250th anniversary, 179.
Rungpur, economic condition, 426-427.

Saha, Megh Nad, 167, 182, 196; Saha's equation, 197-198; on Bangalore Institute, 201-202; and floods, 242, 249.
Samachar Darpan, 9; lament of the spinner, 377-378.
Sankat Tran Samity, the, and recent floods, 249-255.
Sanyal, Rambrahma, 89.
Sarkar, Bipin Behari, 89.
,, Nalini Ranjan, 279.
,, Nilratan, 89, 104, 123, 169, 226.
,, Peary Charan, 28.
,, Pulim Behari, 167, 193.
Sarvadhikary, D., 50; delegate to the Congress of Universities of the Empire, 173, 175-176.
Sarvadhikary, Suresh Prasad, 104.
Sastri, Rt. Hon. Srinivas, 125.
Scheele, quoted, 114.
Schenlenz, Herman, 121.

Sen, B. N., 163.
Secondary Education, defects in, 289.

Sen, Baikuntha Nath, 337, 342.
,, Hemendra Kumar, 170-171, 194.
,, Hemendra Nath, 337, 342.
,, Indra Narayan, 241.
,, Jatindra Nath, 160.
Sen, Keshab Chandra, 19, 30, influence on Ray, 31, 39, 43; Ray on, 538.
Sen, Krishna Behari, 35, 39-41, 43; his influence on Ray, 44.
Sen, Mon Mohan, 194.
,, N. R., 207.
,, Nagendra Nath, 235.
,, Narendra Nath, 43, 127.
,, Pares Nath, 226.
,, Ramdas, 34.
Sharp, Sir Henry, 198, and Science College, 199.
Sheffield University, Ray's visit, 10, 177-178.
Singh, Col. N. P. & Lord, 53.
,, Satishchandra, 107-108.
Singh, B. K., 192.
Sircar, Mahendra Lal, 77, 149; on History of Hindu Chemistry, 120.
Smith, Alexander, 60-61.
Smithells, 132.
Social Service Activity, Ray in, 234-250.
Spencer, Herbert, and books, 217, 518; quoted, 303.
Sugar Industry in Bengal, 399-401, 482; Colebrooke and Westland on, 399-400.
Sukkur Barrage Scheme, 415.
Sulphuric Acid Works, Sodepur, 95-96; purchase by Ray, 102; 109-111.
"Sunset Law", 5, 21, 414.
Sutcliffe, James, 29.

Tagore, Devendra Nath, 9, 30, 142.
,, Jatindra Mohan, 9.
,, Rabindra Nath, 33; on Gandhi & Hindu Society, 531.
,, Sourindra Mohan, 9.
Tanks, excavation of, 14-16.
Tata Iron Works, 318, 328-329; and protection, 480-482.
Tata, J. N., 198, 328, 525.
,, Tawney, Charles H., 74, 80, 112.
<table>
<thead>
<tr>
<th>INDEX</th>
<th>557</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technische Hochschule, Ray's visit to, 132, 332.</td>
<td></td>
</tr>
<tr>
<td>Thenard, 134, 164.</td>
<td>Vidyasagar, Iswar Chandra, 9, 46; for modern Bengali literature, 145-146.</td>
</tr>
<tr>
<td>Time, use and misuse of, 208 et seq.</td>
<td>Waldie &amp; Co., D., 94-95.</td>
</tr>
<tr>
<td>Travers, 110-111, 131.</td>
<td>Walker, James, 60, 68, 132.</td>
</tr>
<tr>
<td>Troost, President M., 135-136.</td>
<td>Watson, Prof., 182, his pupils, 191.</td>
</tr>
<tr>
<td>Trusts and Dumping, 325-327.</td>
<td>West, M., on bilingualism, 292, 295-296.</td>
</tr>
<tr>
<td>University, the true functions of a, 299-309.</td>
<td>Western civilisation and our ruin, 370-374.</td>
</tr>
<tr>
<td>University College of Science, 196 et seq.</td>
<td>Westland, quoted, 14-15; on sugar industry of Bengal, 399.</td>
</tr>
<tr>
<td>Van't Hoff, 69; Ray with, 132-133; 172.</td>
<td>Windsor Palace, reception at, 179.</td>
</tr>
<tr>
<td>Vernacular, neglect of, 292-294.</td>
<td>Young, Captain of S. S. California, 50-52.</td>
</tr>
<tr>
<td>Zeitschrift für anorganische, 134.</td>
<td>Zurich polytechnic, Ray's visit to, 134.</td>
</tr>
</tbody>
</table>