



JADAVPUR UNIVERSITY

CALCUTTA - 700 032

ANNUAL REPORT 1970 - 71

NOT TO BE LENT OUT

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ANNUAL REPORT

1970-71

(1st April 1970 to 31st March 1971)

Some Key Activities: 1970-71

Sanction was received from the University Grants Commission, New Delhi, for the expansion of Postgraduate studies in Engineering and Technology.

A non-recurring grant of Rs. 4.3 lakhs for equipment and books and a recurring grant of Rs. 8.47 lakhs per annum were sanctioned for the development of the existing courses and also for the introduction of post-graduate diploma courses in five branches of engineering as per the recommendation of the Expert Committee of the Board of Post-graduate Engineering Studies and Research which found "the courses to have been developed to a high standard."

As a part of the 4th Plan schemes for development, 15 Research Fellowships were created in the Faculty of Engineering and Technology.

The construction of a new workshop and a building for the Computer Science Course was taken in hand.

A post of Professor was created in the Department of History to commemorate the Quater Centenary of Guru Nanak, and Dr. Anil Chandra Banerjee was appointed to the post.

CONDOLENCE

We deeply mourn the loss of the Acting Vice-Chancellor Professor Gopal Chandra Sen who was gruesomely assaulted and killed on the campus on 30. 12. 70 the last day of his office. Though no word is too maligned for condemning the brutal incident which evoked universal repulsion all over the country and though no word can estimate the boundless services of Professor Gopal Chandra Sen, yet a formal condolence resolution on his death and activities was adopted at the University meeting held on 16. 1. 71 which reads as hereunder:

"This meeting puts on record its deep sorrow and profound sense of loss in the nefarious and dastardly murder of Prof. Gopal Chandra Sen on the 30th December, 1970. Prof. Sen belonged to the University in the truest sense of the word and died a martyr to its cause. A graduate of the National Council of Education, Bengal, he joined his Alma Mater as a teacher in 1935 and spent his whole life in the service of the N.C.E. and the Jadavpur University rising to become a Professor, Dean of the Faculty of Engineering and Technology and lastly as the Acting Vice-Chancellor of the University. An unassuming person, he was a unique example of a teacher who was universally loved and esteemed by students, teachers and employees and all those who knew him. As the Vice-Chancellor he assumed office at the most crucial

stage and he not only succeeded in restoring normal academic life but was able by his personal example of firmness and devotion to duty, to enthuse and enkindle fresh hopes in everyone for continued prosperity and healthy academic activity of the University. While his death is certainly a great disaster for the University, the example of his personal courage, goodness and dedication will never perish but sustain us in our sorrow to-day and ever abide with deathless life of the University".

COMPOSITION OF THE UNIVERSITY AND OTHER BODIES / COMMITTEES : 1970-71.

The University:

Dr. Triguna Sen (upto 25. 4. 70)	: Chancellor
Hon'ble Justice Arun Kumar Mukherjee (was appointed to exercise the power of the Chancellor) (from 16. 5. 70 to 18. 1. 71).	
Shri Bhupati Mazumdar	: President, N.C.E. Bengal
Prof. Hem Chandra Guha (upto 31. 7. 70)	: Vice-Chancellor
Prof. Gopal Chandra Sen (Acting V.C. from 1. 8. 70 to 30. 12. 70)	: Vice-Chancellor
Dr. Anil Kumar Mazumdar	: Vice-Chancellor
Dr. Pratul Chandra Gupta (upto 22. 8. 70)	: Dean, Faculty of Arts
Prof. Kali Krishna Banerjee	
Dr. Anil Kumar Mazumdar (upto 7. 3. 71)	: Dean, Faculty of Science
Prof. Gopal Chandra Sen (upto 30. 12. 70)	: Dean, Faculty of Engineering and Technology
Prof. D. K. Deb (from 22. 1. 71)	
Shri Ashim Kumar Dutt	: Principal, College of Arts
Sm. Bani Sen	: Principal, Shrimati Jawahari Devi Birla Institute of Home Science.
Shri Sudhir Kumar Chakravarti	: President, Alumni Association
Shri N. N. Chakravarty	: Chairman, Institute of Engineers (Bengal Centre)
Prof. Durgadas Banerjee (Elected from 24. 1. 71)	
Shri Prasanta Sur	: Mayor, The Corporation of Calcutta
Dr. Ambica Ghosh	: Two members elected from among the Professors of the University
Dr. Rajat Kumar Chakravarty	
Shri Krishna Gopal Banerjee	: Two members elected from among the teachers of the University
Shri Jyotirmoy Sarkar	
Shri Hirendra Nath Mullick	: Two members elected from among the registered graduates of the University
Shri Prabhat Kumar Sinha	

Shri Sachindra Bhusan Dutt	: Eight members elected by the National Council of Education, Bengal
Shri Santosh Kumar Bose	
Shri Sourindra Nath Datta	
Shri Atul Chandra Datta	
Shri Himanshu Sekhar Sinha	
Shri Bhupendra Nath Banerjee	
Shri Netai Chand Mallik	
Shri Rash Behari Dey	

Nominees of Founder Donors:

Shri Birendra Kishore Roy Choudhury	(a) Nominated by the legal representative of late Brojendra Kishore Roy Chowdhury of Gouripur.
Shri Snehangsu Kanta Acharyya	(b) Nominated by the legal representative of Late Maharaja Surya Kanta Acharyya Choudhury of Mymensingh
Shri Arun Kumar Mukherjee	(c) Nominated by the legal representative of Late Raja Subodh Chandra Mallik
Shri S. Chakravarti	: Secretary, Ministry of Education, Govt. of India.
Shri L. S. Chandrakant (upto 23. 8. 70)	: Representative of the Govt. of India in the Ministry dealing with Technical education.
Shri H. S. Sahani	
Shri Jatindra Chandra Sengupta	: Secretary, Ministry of Education, Govt. of West Bengal
Shri Jitendra Lal Kundu	: Secretary, Ministry of Finance, Govt. of West Bengal
Shri H. S. Sahani (upto 15. 9. 70)	: Nominee for the All India, Council for Technical Education
Shri S. Sadasivam	

IMPORTANT BODIES OF THE UNIVERSITY: 1970-71

Academic Council:

Shri Hemchandra Guha, Vice-Chancellor	: Chairman (upto 31. 7. 70)
Prof. Gopal Chandra Sen, Acting Vice-Chancellor	: Chairman (from 1. 8. 70 to 30. 12. 70)
Dr. Anil Kumar Mazumdar, Vice-Chancellor	: Chairman

Member:

Shri Khagendramohan Chakravarty, Hony. Secretary, N.C.E. Bengal.	
Dr. Pratul Chandra Gupta, Dean, Faculty of Arts and concurrently Head of the Department of History, (upto 22. 8. 70).	
Dr. Anil Kumar Mazumdar, Dean, Faculty of Science and concurrently Head of the Department of Chemistry (upto 6. 3. 71).	

Shri Gopal Chandra Sen, Dean, Faculty of Engineering & Technology and concurrently Head of the Department of Mechanical Engineering (upto 30. 12. 70).

Shri Asim Kumar Datta, Dean of Students and concurrently Principal, College of Arts.

Sm. Bani Sen, Principal, Sm. Jawahari Devi Birla Institute of Home Science.

Dr. Joydeb Chandra Das, Controller of Examinations.

Dr. Aditya Kumar Ohdedar, Chief Librarian.

Dr. Satish Chandra Bhattacharya, Professor Emeritus.

Dr. Sadananda Bhaduri, Professor Emeritus.

Shri Prafulla Kumar Guha, Professor Emeritus.

Head of the Department and other Professors:

Member:

Shri Nirendranath Chattopadhyay	Dr. Durlav Krishna Ray
Shri Bibhucharan Mukherjee	Dr. Saradindu Ray
Dr. Binoyendranath Chanda	Shri Panchanan Kundu
Dr. Rajat Kumar Chakravarty	Dr. Sudhangsusekhar Deb
Dr. Amitabha Bhattacharyya	Dr. Biswajit Nag
Shri Dharendra Kumar Deb	Dr. Udaysankar Ganguly
Dr. Jyotsna Kumar Chaudhuri	Dr. Anil Ranjan Saha
Dr. Shyamapada Patra	Shri Ajit Kumar Dutta
Dr. Sushil Kumar Das Gupta	Dr. Sisir Chatterjee
Dr. Biswarup Chaudhuri	Dr. Jagadish Narayan Sarkar
Dr. Nitish Narayan Roy	Dr. Sitanath Goswami
Shri Dilip Kumar Dutt	Dr. Ambica Prosad Ghosh
Dr. Ramnarayan Mukherjee	Dr. Jayantanuja Bandopadhyay
Dr. Bimal Chandra Chanda	Dr. Naresh Guha
Shri Pijush Kanti Som	Shri Kalikrishna Banerjee
Dr. Nilay Chaudhuri	Dr. Tependra Chandra Roy
Shri Amiya Kumar Neogi	Dr. Rabindranath Bhattacharyya
Dr. Chittaranjan Gangopadhyay	Dr. Bankim Mukherjee
Dr. Arabinda Nath Bose	Dr. Bidyut Kamal Bhattacharyya
Shri Amiya Kumar Banerjee	

From among the Members of the Faculties:

(a) FACULTY OF ENGINEERING & TECHNOLOGY:

Shri Arun Kumar Gupta
Shri Bijan Kumar Gupta

(b) FACULTY OF SCIENCE:

Dr. Amalendu Choudhury
Dr. Bimalbhusan Chatterjee

(c) FACULTY OF ARTS:

Dr. Sitanath Goswami
Dr. Devipada Bhattacharyya

From among the Members of the N.C.E., Bengal:

Shri Dinendra Kumar Nandi
Shri Aurobinda Ukil

Shri Debendranath Chakravarty
Shri Sudhir Kumar Chakravarty

From among the Educationists:

Dr. Samarendranath Ghosal
Dr. Jitendranath Mohanty
Dr. Kedareswar Banerjee
Dr. Gourinath Sastri

Dr. Suniti Kumar Chatterjee
Shri Prabir Chandra Vasu Mallik
Registrar (*Secretary*)

WORKING COUNCIL 1970-71:

Shri Hemchandra Guha, : Chairman (upto 31. 7. 70)
Vice-Chancellor

Prof. Gopal Chandra Sen, : Chairman (from 1. 8. 70 to
Acting Vice-Chancellor 30. 12. 70)

Dr. Anil Kumar Mazumdar, : Chairman
Vice-Chancellor

Dr. Pratul Chandra Gupta, (Arts) : Member (upto 22. 8. 70)

Dr. Anil Kumar Mazumdar, (Science) : Member (upto 6. 3. 71)

Shri Gopal Chandra Sen, (Engg.) : Member (upto 30. 12. 70)
& Tech.

Dr. Bankim Mukherjee (Science) : Member (from 7. 3. 71)

Four members of the University from among the members elected by the N.C.E., Bengal:

Shri Santosh Kumar Bose
Shri Bhupendranath Banerjee

Shri Himansu Sekhar Sinha
Shri Rash Behari Dey

One member of the University from among the Registered Graduates:

Shri Prabhat Kumar Sinha
President of the Alumni Association

Shri Prabir Chandra Vasu Mallik
Registrar

Shri Sudhir Kumar Chakrabarti

ADMINISTRATIVE COUNCIL, 1970-71

Shri Hemchandra Guha, : Chairman (upto 31. 7. 70)
Vice-Chancellor

Prof. Gopal Chandra Sen, : Chairman (from 1. 8. 70 to
Acting Vice-Chancellor 30. 12. 70)

Dr. Anil Kumar Mazumdar, : Chairman
Vice-Chancellor

Shri Khagendramohan Chakravarty : Member
Hony. Secretary, N.C.E. Bengal

Deans of Faculty:

Dr. Pratul Chandra Gupta, Arts : Dr. Dharendra Kumar Dev, Engg.
(upto 22. 8. 70) & Tech.

Prof. Kalikrishna Banerjee, Arts (from 25. 8. 70)
 Dr. Anil Kumar Mazumdar, Science (upto 6. 3. 71)
 Dr. Bankim Mukherjee, Science (from 7. 3. 71)
 Prof. Gopal Chandra Sen, Engg. & Tech. (upto 30. 12. 70)

Shri Asim Kumar Datta, Dean of students and concurrently Principal, College of Arts.
 Sm. Bani Sen, Principal, Sm. Jawahari Birla Institute of Home Science.

From among the members of the N.C.E. Bengal:

Shri Jagadindu Datta (upto 20. 3. 71) Shri Bijan Kumar Datta

From among the members of the University:

Shri Rash Behari De Shri Himanshu Sekhar Sinha
 Shri Bhupendranath Banerjee

Two representatives of Calcutta Corporation:

Shri Ramen Sengupta Shri Tarapada Lahiri

One Nominee of the Government of India:

Shri S. Sadasivam

Nominee of Donor of Rupees Five lakhs or above:

Shri Brojakanta Guha
 P. N. Roy Charitable Trust

Shri Sambhunath Batavyal Shri Prabir Chandra Vasu Mallik
 Finance Officer: Registrar: (Secretary)

FINANCE COUNCIL, 1970-71

Shri Hemchandra Guha, : Chairman
 Vice-Chancellor
 Prof. Gopal Chandra Sen, : Chairman (from 1. 8. 70 to
 Acting Vice-Chancellor 30. 12. 70)
 Dr. Anil Kumar Mazumdar, : Chairman
 Vice-Chancellor
 Shri Khagendramohan Chakravarty : Member
 Hony. Secretary, N.C.E., Bengal

Deans of Faculty:

Dr. Pratul Chandra Gupta Arts Shri Asim Kumar Datta
 (upto 22. 8. 70) Dean of students and concurr-
 Prof. Kalikrishna Banerjee Arts ently Principal, College of Arts
 (from 25. 8. 70) Sm. Bani Sen, Principal, Sm.
 Dr. Anil Kumar Mazumdar Science Jawahari Devi Birla Institute
 (upto 6. 3. 71) of Home Science

Dr. Bankim Mukherjee Science Shri Jitendralal Kundu
 (from 7. 3. 71) Finance Secretary, Govt. of
 Prof. Gopal Chandra Sen Engg. & West Bengal
 Tech. (upto 30. 12. 70)
 Dr. Dharendra Kumar Deb " "
 (from 22. 1. 71)

Three from amongst the member of the University:

Shri Sachindra Bhusan Dutt Shri Atul Chandra Roy
 Shri Bhupendranath Banerjee Shri Sakti Sen

One from the member of the N.C.E. Bengal:

Shri Sakti Sen

One nominee of the Govt. of India:

Dr. S. M. S. Chari Shri Sambhunath Batavyal
 (upto 3. 12. 70) Finance Officer: (Secretary)
 Shri H. S. Sahani
 Shri Prabir Chandra Vasu Mallik
 Registrar

FINANCE

During the year 1970-71 the position of Income and expenditure was as hereunder:

1. INCOME:

A. The revenue income received from the following sources towards receiving heads was:

Source:	AMOUNT
(a) Government agencies:	Rs.
(i) Central Government	6,91,124
(ii) University Grants Commission	8,74,723
(iii) State Government(s)	1,01,67,542
	Total (a) 1,17,33,389
(b) FEES:	
(i) Tuition (including laboratory fees) only	5,18,157
(ii) Hostel	59,294
(iii) Examination	1,24,578
(iv) Other	69,325
	Total (b) 7,71,354
(c) OTHER SOURCES:	
(i) Rent from buildings	72,080
(ii) Registration of applications	27,337
(iii) Sale proceeds of prospectus	9,450
(iv) Interest and Dividend	12,500
(v) Research grant other than Govt.	1,80,525
(vi) Miscellaneous	73,666
	Total (c) 3,75,558

Total revenue income (a)+(b)+(c) = 1,28,80,301

B. The capital income received from the following sources towards non-recurring heads was:

Source	Amount Rs.
(i) University Grants Commission	8,14,000
(ii) State Government	4,68,500
	Total 12,82,500

(9)

C. The income received towards scholarships, stipends and other financial assistance:

Source:

(i) Central Government	2,54,681
(ii) University Grants Commission	31,836
(iii) State Government(s)*	10,23,741
(iv) Other Sources	48,251
	Total 13,58,509

GRAND TOTAL OF INCOME (A), (B) and (C) = Rs. 1,55,21,310

Some features of University Income:

Sl. No. Source	Total receipts (Recurring + non-recurring)	Share of income to the total income (Approx.)
1. State Govt.	1,16,59,783	75 p.c.
2. U.G.C./G.I.	26,65,364	18 p.c.
3. Fees etc.	7,71,354	4 p.c.
4. Other Sources	4,23,809	3 p.c.
	Total 1,55,21,310	

Expenditure:

(a) The recurring expenditure was:

Head:

University General	49,69,589
University Hostels	2,18,217
Faculty of Engg. & Technology	57,82,011
Faculties of Arts & Science	30,67,400
Research	7,33,155**
	Total (a) 1,47,70,372***

(b) Expenditure on scholarships, stipends and other financial assistance met from sources other than the University was: Rs. 8,11,630.†

* This includes the amount of Rs. 3,88,991 received towards P.G. Engg. Scholarships.

** In one of the following pages detailed statement is shown under "Research".

*** This amount is inclusive of Rs. 3,88,991 spent on P.G. Engineering Scholarships.

† This precludes the amount of Rs. 3,88,991 spent on P.G. Engineering Scholarship which is shown above at (a).

Some features of the Recurring expenditure of the University:

Salary payment to the non-teaching staff	37,61,054
Salary payment to the teaching staff	60,89,597
	<hr/>
Total salary payment	98,50,651
Salary payment to Officers and Superior staff	2,30,522
Salary payment to non-teaching staff other than officers and superior staff	35,30,532
Expenditure on non-salary items	49,19,721
	<hr/>
(c) The non-recurring expenditure was:	
(i) Construction (part or full) or repair of:	
Boundary wall and filling of low land	3,853
Staff Quarter	500
Open Air Theatre	2,000
P. G. Mechanical Engineering Building	1,500
P. G. Electrical Engineering Building	2,247
Radio Chemistry Building	68,439
Multistoried Building	2,35,793
Metallurgy Building	13,097
Computer Centre Building	96,002
Research Building	24,445
Mech. Engg. 4th Plan	15,000
Stores Shed	22,708
Canteen Building (Common Room included)	60,498
	<hr/>
Sub total (i)	5,46,082
(ii) Non-recurring purchase of equipments for	
P. G. Course in Chemical Engineering	39,216
U. G. Course in Architecture	549
U. G. Course in Instm. & Electronics Engineering	7,541
P. G. Course in Electronics & Tele-Com. Engineering	37
Computer Science	61,101
U. G. Course in Metallurgical Engineering	29,813
P. G. Course in Food Technology	5,604
U. G. Course in Chemical Engineering	3,110
U. G. Course in Mechanical Engineering	19,289
U. G. Course in Civil Engineering	1,855
U. G. Course in Elec. & Tele-Com. Engineering	589
Chemical Engineering Modernisation Scheme	2,337
Comparative Literature (4th Plan)	1,915
Science subjects (4th Plan)	60,601
Pharmacy	27,076
Health Centre	1,982
P. G. Course in Civil Engineering	34,450
P. G. Course in Mechanical Engineering	7,484
P. G. Course in Electrical Engineering	9,947
	<hr/>
Sub-total (ii)	3,14,496

(iii) Non-recurring purchase of furniture and fixtures

Computer Science	2,433
Area Studies Programme	2,966
P. G. Course in Food Technology	925
U. G. Course in Chemical Engineering	2,022
	<hr/>
Sub-total (iii)	8,346

(iv) Library non-recurring expenditure on:

Mechanical Engineering	29,611.02
Electrical Engineering	35,007.78
Chemical Engineering	26,411.29
Civil Engineering	33,649.51
Electronics & Tele-Com. Engineering	24,367.96
Food Tech. & Bio-Chem. Engineering	11,504.17
Instrumentation & Electronics Engineering	10,601.11
Metallurgical Engineering	12,068.15
Pharmacy	24,020.94
Architecture	15,028.03
Chemistry	45,994.35
Geological Sciences	23,537.46
Mathematics	36,136.02
Physics	33,636.47
Bengali	7,701.51
Comparative Literature	8,736.99
Economics	13,496.82
English	14,147.81
History	12,039.15
International Relations	10,629.32
Philosophy	10,680.23
Sanskrit	8,016.11
Library Science	11,888.76
General Humanities	17,076.01
Furniture (C.A.+C.S.)	436.82
General Science	8,599.57
	<hr/>
Total	4,85,023.36

Total non-recurring expenditure at C (from sub-total i to iv) : Rs. 13,53,947.36

Grand total of expenditure at (a), (b) and (c) = Rs. 1,69,35,949.00

The gap between income and expenditure was apparently bridged, on a temporary basis, by diversion from ear-marked funds pending the necessary receipt of grants in this regard from the government sources.

Library Statistics for the year 1970-71

A. Number of Books etc. at the beginning of the year, 1970-71:

(i) Books	1,60,646
(ii) Bound Vols. of Journals	23,340
(iii) Thesis	180
(iv) Pamphlets, Calenders, Specifications etc.	24,789
(v) Non-book material (slides, microfilms, maps, charts etc.)	3,699

Total: 2,12,654

B. Number added during the year, 1970-71:

(i) Books (purchased)	9,993
(ii) Books (gift)	1,025
(iii) Bound Vols. of Journals	1,652
(iv) Thesis	105
(v) Pamphlets, Calenders, Specifications etc.	1,207
(vi) Non-Book material (slides, microfilms, maps, charts, etc.)	342

Total: 14,324

C. Total number at the end of the year 1970-71

2,26,978

D. Other Relevant Information:

(i) Total number of readers	1,08,482
(ii) Total number of volumes used in Reading Room	1,35,743
(iii) Number of volumes issued on loan	54,868
(iv) Inter library loan	1,95,354
(v) Number of Journals and question papers used	40,997
(vi) Number of volumes processed (including bound volumes of journals)	10,826
(vii) Reference queries answered	1,180
(viii) Number of working days	185 (full) 36 (half)

E. Departmental libraries:

At present out of 23 departments (including Computer Centre) there are 13 departmental libraries (7 for Engineering, 1 for Science and 5 for Arts). Separate budgetary provision has been made this year for opening a new library for English.

Amendments to Syllabi/Rules

- Some changes in the programme of studies, subjects of examination and the syllabus of the undergraduate Metallurgical Engineering Courses were effected from the Session, 1970-71.
- "Foundation Engineering" was approved as an Elective subject for the 5th year Civil Engineering students for the purpose of examination in 1970 and henceforward.

- Some changes in the course of study, examination and the syllabus of the Food Technology and Bio-chemical Engineering were effected from the session, 1970-71.
- Some changes in the course of study, examination and the syllabus for the undergraduate course in the Chemical Engineering were brought about with effect from the session, 1970-71 in case of 4th year Engineering classes and with effect from the session, 1971-72 provided "construction of unit operations IIA (operational) and unit operations IIB (operational)" were approved to remain as non-essential subjects for the 5th Chemical Engineering subjects with effect from the session, 1970-71.
- Resolutions were adopted to give effect to the following from the session, 1970-71:
 - Part-time Evening degree Courses in Engineering to be spread out over five years.
 - Candidates of the Part-time Evening degree Courses in Engineering securing 75% of the marks on the aggregate to be declared to have passed in the First Class with distinction.
 - System of appointment of Moderator and Head Examiners for each subject in the Faculty of Engineering and Technology be introduced to maintain uniform standards for paper-setting and grading answer-scripts and that the Professors or Readers of different subjects and Heads of the department to act as Moderators and Head examiners.
- Resolution was adopted with regard to new procedure of study leave in the manner as hereunder:
 - Whenever an employee of the University is granted Study Leave, it shall be his duty to send a report every six months about the progress made by him from the institution where he is attached or from his Supervisor there.
 - Whenever an employee asks for extension of Study Leave he should send a report recommending extension from the institution where he is attached or from his supervisor there. And in case such a report does not accompany the application, such a report should be obtained before placing the application for consideration.
 - A copy of resolution (a) and (b) be given to an employee along with the letter by which he is first granted study leave.

Amendment to Act

There were amendments of Sections 6 and 7 of the Jadavpur University Act, 1955 in the manner as hereunder as per the Jadavpur University (amendment) Act, 1970.

- In the Jadavpur University Act, 1955 (hereinafter referred to as the Principal Act), in Section 6, in Sub-clause (i) of clause (b), of sub-section (1), for the words "Government of West Bengal", the words "Government of West Bengal or when there is no Council of Ministers functioning in the State of West Bengal, such person as may be nominated by the Governor" shall be substituted.
- In Section 7 of the Principal Act in clause (iii) of sub-section (2), for the words "Government of West Bengal, or, when there is no Council

of Ministers functioning in the State of West Bengal, such person as may be nominated by the Governor" shall be substituted.

Equivalence of Examinations

The "Diploma-Ingenieur" awarded by the Universities / Technical Universities in West Germany as equivalent to the Master of Engineering Technology degree awarded by the Indian Universities.

Following equivalence entitle admission to the undergraduate courses of the University :-

(i) The "Secondary General Certificate" course (Twajtheat) conducted by the Education Department, Government of Bahrain as equivalent to the Higher Secondary Examination of a Recognised Board or the Pre-University Examination of an Indian University.

(ii) The "Secondary School Certificate Examination" of Tehran (Iran) as equivalent to the Higher Secondary Examination of a recognised Board or Pre-University examination of an Indian University.

(iii) The "Higher School Certificate Examination" of the University of Cambridge Local Examination conducted in collaboration with the University of Singapore as equivalent to the Higher Secondary Examination of a recognised Board or the Pre-University Examination of an Indian University.

The Matriculation and Higher Secondary, Part I and II Examinations of the Board of School Education, Himachal Pradesh, be recognised for the purpose of admission to the under-graduate courses at this University.

The Degree of B. Sc in Economics and Statistics awarded by the Middle East Technical University of Ankara (Turkey) is equivalent to the Bachelor of Arts degree of an Indian University and is therefore adequate for the purpose of admission to the corresponding Master's degree course of this University.

HOSTELS : 1970-71

Sl.No.	Name of Hostel	No. of boarders	No. of seats
1.	Main Hostel	137	Block A—270 Block B— 84 Block C— 78 Block D— 78 <hr/> 510
2.	Post Graduate Hostel	90	94
3.	Jadavpur Polytechnic Hostel	53	88
4.	New Block	52	52
5.	Ladies' Hostel	86	86
	Total	418	Total 830

Some features of Hostel :-

Total living area of the hostels : 77903 sq. ft.
 Total number of rooms available for students to reside : 274.
 Intake capacity of the hostels : 744 (for boys) and 86 (for girls).
 Number of residents : 332 (boys) and 86 (girls).
 Number of scheduled caste students among boarders : 11 (boys) and 3 (girls).
 Number of boarders belonging to states other than West Bengal : 56 (boys) and 5 (girls).
 Number of foreign student boarders : 20 (boys) and 6 (girls).
 Number of Reading Rooms : 3
 Number of Common Rooms : 5
 Medical facilities : One dispensary.

ADMISSION : 1970-71

Faculty of Arts (1970-71) :

B.A. (Honours) 1st year:	Number of applicants	Number of students admitted
Bengali	18	1
Comparative Literature	11	1
English	87	25
Economics	80	22
History	27	2
Political Science	36	13
Philosophy	45	12
Sanskrit	18	5
Library Science	433	44
	<hr/> 755	<hr/> 125
M.A. (Day) 1st year:		
Bengali	140	37
Comparative Literature	51	16
English	125	42
Economics	116	32
History	137	42
International Relations	250	37
Philosophy	117	47
Sanskrit	86	46
	<hr/> 1022	<hr/> 299

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M.A. (Evening) 1st year:	Number of applicants	Number of students admitted
Bengali	93	18
English	204	67
Economics	86	12
History	145	40
Philosophy	36	16
Sanskrit	26	17
	<hr/> 600	<hr/> 170
M.Litt.:		
English	12	
International Relations	7	
	<hr/> 19	
Faculty of Science (1970-71) :		
B.Sc. (Honours) 1st year:		
Physics	353	28
Chemistry	315	32
Mathematics	78	34
Geological Science	105	14
	<hr/> 851	<hr/> 108
M.Sc. (Day) 1st year:		
Physics	335	20
Chemistry	319	22
Mathematics	374	40
Applied Geology	19	10
	<hr/> 1047	<hr/> 92
M. Sc. (Evening) 1st year:		
Physics	288	21
Chemistry	288	22
Mathematics	344	44
	<hr/> 920	<hr/> 87
Faculty of Engineering & Technology (1970-71) :		
Undergraduate Course (4-year) 1st year:		
Pharmacy	1065	41
	<hr/>	<hr/>

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Bachelor of Technology:	Number of applicants (according to first choice of preference)	Number of students admitted
Food-Technology & Bio-Chemical Instrumentation & Electronics	60	11
	115	11
	<hr/>	<hr/>
Undergraduate Course (4-year) Evening:	175	22
Civil		
Electrical	199	32
Mechanical	146	30
	428	35
	<hr/>	<hr/>
Post-graduate 1st year:	773	97
Civil		
Electrical	102	15
Electronics & Tele-Communication	115	20
Chemical	54	22
Mechanical	67	20
Food-Technology & Bio-Chemical	166	23
Pharmacy	13	4
Post-graduate Diploma in Computer Science	35	6
	365	19
	<hr/>	<hr/>
Undergraduate Course (5-year) 1st year:	917	129
Architecture		
Civil	16	12
Electrical	44	46
Electronics & Tele-Communication	184	71
Chemical	685	30
Mechanical	559	51
Metallurgical	581	82
	90	13
	<hr/>	<hr/>
	2159	305

Summary Statement of Students on Roll : 1970-71

Faculty of Arts:	Men	Women	Total
Under-graduate	149	284	433
Post-graduate (Day)	171	507	678
Post-graduate (Evening)	279	154	433
Doctorate	21	11	32
	<hr/>	<hr/>	<hr/>
Total	620	956	1576
Faculty of Science:			
Under-graduate	181	79	260
Post-graduate (Day)	126	74	200
Post-graduate (Evening)	170	22	192
Doctorate	22	7	29
	<hr/>	<hr/>	<hr/>
Total	499	182	681

Faculty of Engineering & Technology:	Men	Women	Total
Under-graduate (Day)	1829	74	1903
Under-Graduate (Evening)	356	1	357
Post-graduate	194	2	196
Post-graduate Diploma in Computer Science	17	2	19
Doctorate	28	—	28
Total	2424	79	2503
Grand Total	3543	1217	4760

Department-wise detailed statement of enrolment for Ph.D./D.Sc./D.Litt. Degree during the session 1970-71 :

FACULTY AND DEPARTMENT :

Arts Faculty :	Boys	Girls	Total
Bengali	5	2	7
Comparative Literature	..	..	..
Economics	4	1	5
English	7	2	9
History	4	3	7
International Relations	1	..	1
Philosophy	..	2	2
Sanskrit	..	1	1
Total	21	11	32
Science Faculty			
Chemistry	2	4	6
Geological Sciences	9	..	9
Mathematics	6	3	9
Physics	5	..	5
Total	22	7	29
Engineering & Technology Faculty			
Chemical Engineering	1	..	1
Civil Engineering	..	..	..
Electrical Engineering	9	..	9
Electronics & Tele-Com. Engineering	3	..	3
Food Tech. & Bio-Chemical Engineering	2	..	2
Mechanical Engineering	8	..	8
Metallurgical Engineering	1	..	1
Pharmacy	4	..	4
Total	28	..	28
Grand Total	71	18	89

DETAILED STATEMENT OF STUDENTS ON ROLL: 1970-71

Faculty of Arts:

Degree Course	I Year		II Year		III Year		Total	
	Boys	Girls	Boys	Girls	Boys	Girls		
UNDERGRADUATE:								
Bengali	1	1	8	2	7	19
Comparative Literature	1	3	4	..	1	9
Economics	..	13	9	18	12	20	8	80
English	..	3	22	9	19	8	28	89
History	2	2	14	6	14	38
Political Science	..	4	9	11	10	12	17	63
Philosophy	..	7	5	..	15	1	23	51
Sanskrit	..	1	4	2	14	6	11	38
Mathematics	2	..	..	2
Total	28	53	46	98	55	109	389	

Library Science .. 20 24

Post-graduate (Day):

	I Year		II Year		Total	
	Boys	Girls	Boys	Girls		
Bengali	..	3	34	4	42	83
Comparative Literature	..	1	15	3	21	40
Economics	..	15	17	32	12	76
English	..	9	33	12	37	91
History	..	10	32	19	31	92
International Relations	..	13	24	14	25	76
Philosophy	..	2	45	7	48	102
Sanskrit	..	10	36	15	53	114
Mathematics	..	2	1	..	1	4
Total	65	237	106	270	678	

Post-Graduate (Evening):

Bengali	..	12	6	27	11	56
Economics	..	11	1	18	2	32
English	..	45	22	51	23	141
History	..	26	14	18	19	77
Philosophy	..	9	7	15	19	50
Sanskrit	..	6	11	41	19	77
Total	109	61	170	93	433	

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FACULTY OF ENGINEERING & TECHNOLOGY

	I Year		II Year		III Year		IV Year		V Year		Total
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	
Architecture	6	6	8	2	5	6	10	5	6	4	58
Chemical Engineering	50	1	46	..	51	..	42	1	76	2	269
Civil Engineering	46	..	45	..	55	..	47	..	66	..	259
Electrical Engineering	69	2	71	..	80	..	90	..	97	..	409
Electronics & Tele-Com. Engineering	30	..	30	1	27	5	38	2	38	6	167
Food Technology & Bio-Chemical Engineering	10	1	12	..	6	2	..	..	..	..	31
Chemical Engineering & Instrumentation	11	..	10	2	14	..	..	..	..	..	37
Electronics Engineering	82	..	65	..	70	..	84	..	100	..	401
Mechanical Engineering	13	..	10	..	14	..	16	..	15	..	68
Metallurgical Engineering	41	..	54	7	38	7	45	13	..	..	205
Pharmacy	..	..	..	..	..	..	..	..	..	..	..
Total	358	10	351	12	360	20	362	20	398	12	1904

Undergraduate (Evening):

Civil Engineering	32	..	27	..	24	..	42	..	..	..	125
Electrical Engineering	30	..	24	..	24	..	25	1	104
Mechanical Engineering	35	..	31	..	29	..	33	128
Total	97	..	82	..	77	..	100	1	357

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Post-graduate:

	I Year		II Year		Total
	Boys	Girls	Boys	Girls	
Chemical Engineering	15	..	20	..	35
Civil Engineering	7	..	15	..	22
Electrical Engineering	21	..	20	..	41
Electronics & Tele-Communication Engineering	17	1	22	..	40
Food Technology & Bio-Chemical Engineering	4	..	4	..	8
Mechanical Engineering	15	..	23	..	38
Pharmacy	6	..	5	1	12
Total	85	1	109	1	196

Post-graduate Diploma in Computer Science

..	17	2	19
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Language Classes:

	Boys	Girls	Total
Certificate Courses
French	23	25	48
German	149	12	161
Russian	15	..	15
Total	187	37	224

Diploma Courses:

French	9	5	14
German	39	5	44
Russian	4	1	5
Total	52	11	63

Advance Diploma Courses:

German	3	3	6
Russian	1	1	2
Total	4	4	8

Grand Total 243 52 295

FACULTY OF SCIENCE

(22)

Degree Course	I Year		II Year		III Year		Total	Grand Total	
	Boys	Girls	Boys	Girls	Boys	Girls			
	Chemistry	24	8	12	3	19	7	55	18	73
Geological Sciences	12	2	10	..	20	..	42	2	44
Mathematics	21	13	7	10	9	9	37	32	69
Physics	19	9	12	10	16	8	47	27	74
Total	76	32	41	23	64	24	181	79	260
Post-graduate Course (Day):									
Applied Geology	9	1	9	2	..	..	18	3	21
Chemistry	14	8	16	7	..	..	30	15	45
Mathematics	14	26	39	15	..	..	53	41	94
Physics	12	8	13	7	..	..	25	15	40
Total ..	49	43	77	31	..	..	126	74	200
Post-graduate Course (Evening):									
Chemistry	20	2	..	..	17	4	37	6	43
Mathematics	38	6	55	7	93	13	106
Physics	21	19	3	40	3	43
Total ..	79	8	55	7	36	7	170	22	192

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FOREIGN STUDENTS : 1970-71

Name of country	Number of students studying general education	Number of students studying professional education	Total
Australia	..	1	1
Ceylon	..	1	1
Ireland	..	6	6
Israel	..	1	1
Jordan	..	1	1
Keneya	..	2	2
Malaysia
Nepal	..	3	3
Somalia	..	5	5
Sudan	..	14	14
Thailand	..	1	1
United Kingdom	..	4	4
..	..	1	1
Grand Total ..	23	34	57

Award of Scholarships and Stipends etc. to the students of the University during the year 1970-71 :

General Education

Source	Number		Amount (Rs.)
	Men	Women	
Government of India ..	24	1	42420
University Grants Commission ..	9	-	5910
University (Students' Aid Fund) ..	40	16	1820
Other Agencies ..	5	6	3559
State Government(s) ..	150	9	129836
Total Rs.			183545

Professional Education

Government of India ..	217	1	187473
University Grants Commission ..	201	1	391741
University (Students' Aid Fund) ..	68	-	2730
Other Agencies ..	47	1	12255
State Government (s) ..	762	7	427427
Total Rs.			1021626

Total number of student recipients of Scholarships/Stipends (Professional + General) : 1623.

Total amount towards Scholarships/Stipends etc., disbursed to the students (both 'Professional' and 'General' included) : Rs. 1205171.

N.B.: Statistics above include figures relating to Scheduled caste and Scheduled Tribe students also.

Award of Scholarships and Stipends etc. to students belonging to Scheduled Caste : 1970-71.

General Education

Source	Men	Women	Amount (Rs.)
State Government(s) ..	59	8	36166

Professional Education

State Government(s) ..	25		19060
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Total number of student recipients belonging to the Scheduled Caste of Scholarships/Stipends (both 'Professional' + 'General' included) : 92.

Total amount towards Scholarships/Stipends etc. disbursed to the students belonging to the Scheduled Caste/Tribe (both 'Professional' 'General' included) : Rs. 55226.

AWARD OF FREE-STUDENTSHIP

General

Nature of Free-studentship	Men	Women	Amount Rs.
General ..	64	80	26,640
Teachers' Son/Daughter ..	5	1	1,260
National Scholarship ..	26	20	10,320

Professional

General ..	180	12	34,560
Merit-cum-Means ..	203	..	36,540
Teachers' Son/Daughter ..	42	1	7,7740
National Scholarship ..	117	..	21,060

Total number of students who had enjoyed Free-studentship (both 'General' and 'Professional' included): 751.

Total amount towards Free-studentship disbursed during the year: Rs. 1,38,120/-.

ENDOWMENT

The proposal of Shri Phani Bhusan Roy of 14A, Maharaja Nanda Kumar Road, Calcutta-29 for creation of an endowment of Rs. 2,000/- in memory of Late Himani Ghosh was accepted on the following conditions:

- (i) A gold centred medal to be awarded to the students who stand first and secure the highest number of marks in the Bachelor of Library Science Examination.
- (ii) That the medal will bear the words 'Himani Ghosh Medal' awarded to (name of recipient) in one side and the University Emblem on the other side.
- (iii) The medal will be awarded at the Annual Convocation of the University. The name of the recipients of the medal will be printed in the University Calendar.

CREATION OF POSTS

Reader 1	: One post in the Department of History
Professor 2	: One post created in the newly established Centre for Gandhian Studies named as Gandhi Centre by upgrading the post of a Reader in the Department of International Relations. One post created in History Department to commemorate the Quater Centenary of Guru Nanak.

Assistant Registrar 1	: One post created in the General Administration.
Director, Social Service 1	: One post created under the National Sports Programme.
Junior Superintendent 1	: One post created in the Records Section.
Junior Asstt-cum-Typist 2	: Two posts were created for carrying on Typing-cum-Office work for the different departments in the Faculty of Arts.
Junior Library Asstts. 3	: One post each created in the departmental libraries of Electrical Engineering, English and Mathematics.
Trainer, Music Club 1	: One post created at Rs. 300/- (consolidated) p.m.
Part-time Assistant 1	: One post created under the National Sports Programme.
Steward 1	: One post created in the Faculty Club.
Cook 1	: One post created in the Faculty Club.
Distributor 1	} One post each created in Press.
Mono Key-Board Operator 1	
Skilled Helper 1	: One.
Labeller 1	: One post created in the Library.
Duftry 1	: One.

POSTS CREATED

Non-teaching:

Administrative 2
Ministerial 10 (including 1 technical)
Sub-staff 5

Teaching:

Professors 2
Reader 1

APPOINTMENT / PROMOTION

Name

Shri Mohadev Kumar Ghosh
Sr. Supdt., Office

Posts to which appointed

Assistant Registrar.

Shri Chitta Ranjan Chanda	Laboratory Assistant in the department of Chemistry.
Shri Nirupam Routh	Overseer in the Office of the University Engineer.
Shri Prodosh Kumar Mukherjee	Laboratory Assistant in the department of Mechanical Engineering.
Shri Subrata Mukherjee	Laboratory Assistant in the department of Physics.
Shri Chandi Charan Biswas	—do—
Prof. Kali Krishna Banerjee	Dean of Faculty of Arts.
<i>Head of the dept. of Philosophy</i>	
Dr. (Mrs.) Krishna Kamini Rohatgi Mukherjee,	Professor in the department of Physical Chemistry.
<i>Reader, Physical Chemistry.</i>	
Dr. Gobinda Prosad Purakyastha	Professor in the department of Electrical Engineering.
<i>Reader, Electrical Engg.</i>	
Dr. Anil Chandra Banerjee	Guru Nanak Professor of Indian History.
Shri Dilip Kumar Das	Reader in the department of Electrical Engineering.
<i>Lecturer, Electrical Engg.</i>	
Shri Debes Ch. Bhattacharya	Reader in the department of Electrical Engineering.
<i>Lecturer, Electrical Engg.</i>	
Dr. Sailaja Kumar Bhattacharya	Reader in the department of Philosophy.
<i>Lecturer, Philosophy</i>	
Shri Sukaranjan Saha	Lecturer in the department of Philosophy.
Sm. Krishna Roy	—do—
Sm. Sutapa Gangopadhyay	—do—
Shri Asoke Kumar Ghosh	Lecturer in the department of English.
Sm. Lipika Sen Gupta	Lecturer in the department of International Relations.
Dr. (Mrs.) Leela Roy	Part-time Lady Doctor

EXTENSION / REAPPOINTMENT

Name and designation	Period of extension
Shri Ajit Kumar Mukherjee <i>Reader, Library Science</i>	Extended till 28. 2. 71.
Shri Provat Sarbadhikari <i>Reader, Economics</i>	Extended till 30. 6. 71.
Shri Prafulla Kumar Sen <i>Senior Assistant, Library</i>	From 1. 7. 70 to 30. 6. 71.
Shri Kumud Behari Bhattacharya <i>Senior Stenographer, Meetings</i>	From 1. 2. 71 to 31. 1. 72.
Shri Purna Chandra Chakravarty <i>Asstt. Librarian, Central Library</i>	From 16. 9. 70 to 15. 9. 71
Shri Netai Chandra Kundu <i>Store Keeper, Geology</i>	From 1. 7. 70 to 30. 6. 71.

Shri Sushital Ray <i>Technical Asstt.-cum-Demonstrator Electronics & Tele-Com. Engg.</i>	From 3. 1. 71 to 2. 1. 72
Shri Upendra Nath Naskar <i>Senior Mistry (Maintenance), University Engineer's Office</i>	From 28. 10. 70 to 27. 10. 71.
Shri Krishnapada Das <i>Senior Mistry, Mechanical Engg.</i>	From 6. 1. 71 to 5. 1. 72.
Shri Naba Kumar Giri <i>Skilled Helper Workshop (Maintenance)</i>	From 1. 4. 71 to 31. 3. 72.
Shri Ananta Charan Mohanty <i>Peon, Chemical Engineering</i>	From 18. 3. 71 to 17. 3. 72.

Job-wise distribution of Extension/Reappointment:

Teacher	Library Staff	Store-Keeper	Technical Staff	Steno-grapher	Peon	Total
2	2	1	4	1	1	11

RETIREMENT / RESIGNATION / TERMINATION

Name and designation:	Effective date:
Sm. Nita Pillai, <i>Lecturer, English</i>	Resigned w.e.f. 1. 7. 70.
Sri Aniruddha Das, <i>Lecturer, Mechanical Engineering</i>	Resigned w.e.f. 15. 9. 70.
Sri Goutam Roy, <i>Lecturer, Mechanical Engineering</i>	Service terminated w.e.f. 18. 9. 69.
Sri Prasun Kumar De <i>Lecturer, Chemistry</i>	Resigned w.e.f. 1. 12. 70.
Dr. (Sm.) Sanjukta Gupta <i>Lecturer, Economics</i>	Resigned w.e.f. 1. 8. 70.
Dr. Anna Winterberg <i>Part-time Lecturer (German Language)</i>	Resigned w.e.f. 9. 4. 70.
Sri Gurupada Das <i>Accounts Officer</i>	Resigned w.e.f. 8. 10. 70.
Sri Abhijit Acharya, <i>Metallurgy</i>	Resigned w.e.f. 7. 9. 70.
Sri Bhajan Kumar Som <i>Jr. Asstt.-cum-Typist</i>	Resigned w.e.f. 1. 10. 70.
Sri Padma Bahadur Lama, <i>Darwan</i>	Resigned w.e.f. 12. 9. 70.

STAFF STRENGTH : 1970-71

A. Vice-Chancellor

B. Teaching*

Name of posts:

Professor

Reader

Lecturer

Number of incumbents

41

112

275

Total 428

C. Micro--analyst

D. Non-teaching:

1

Name of post:

Number of incumbents

Registrar

Finance Officer

Controller of Examinations

Special Officer

Chief Librarian

Deputy Registrar

Officer of Placement & Training

Librarian

University Engineer

Director of Youth Welfare

Director of Social Service

Director of Physical Instruction

Accounts Officer

Assistant Registrar

Assistant Controller of Examination

Assistant Librarian

Documentation Officer

Medical Superintendent

Reference Officer

Foreman

Senior Superintendent

Secretary to Vice-Chancellor

Junior Superintendent (Cashier included)

Senior Library Assistant

Demonstrator

Technical Assistant-cum-Demonstrator

Laboratory Assistant

Glass Blower (Senior Grade)

Museum Assistant

Microbiological Assistant

Technical Assistant

Draftsman (all categories)

*This includes the post of one Principal who is concurrently Dean of Students.

Supervisor (Engg. Division)	3
Workshop Instructor	1
Store-Keeper	12
Senior Mechanic	27
Tech. Assistant (International Relations)	1
Pharmacist (Senior Grade)	1
Senior Assistant	23
Senior Stenographer	3
Ground Supervisor	1
Supervisor (Non-technical)	2
Steward	1
Photographer	1
Caretaker	1
Overseer	2
Junior Library Assistant	2
Junior Stenographer	26
Section Cutter	15
Physical Training Instructor	3
Glass Blower (Jr. Grade)	3
Key-Punch Operator	1
Junior Mechanic	2
Junior Assistant	56
(including Jr. Asstt-cum-Typist and Telephone Operator)	160
Operator, Computer Assistant, Store Assistant and Assistant Supervisor	5
Laboratory Technician	1
Pharmacist (Jr. Grade)	1
Dark-room Processing Assistant	1
Machineman	1
Compositor	1
Monocaster	4
Mono Key-Board Operator	1
Distributor	1
Cyclostyle Operator-cum-Mechanic	1
Estate Assistant	2
Animal House-Keeper	2
Cook	1
Skilled Helper	1
Sorter (all categories)	23
Binder	13
Assistant Machineman	5
Duftry	1
Labeller	5
Mali	3
Peon	34
Store Attendant (Redesignated as Peon)	210
Driver	1
Helper	4
Laboratory Attendant	64
Durwan	8
Sweeper	94
	65
Total	1021

Pay-Scale Revision and other related matters on Staff Benefit:

The principle of pay scale revision as had already been applied in the case of ministerial and technical staff with effect from 1. 4. 66 was also approved to be applicable in the case of Officers and Superior Staff.

The Senior Superintendents, Workshop Foreman, Press Foreman and Secretary to the Vice-Chancellor were placed in the category of Superior Staff.

The Darwans, Malis and Sweepers were to be granted henceforth either overtime allowance or compensatory leave in lieu of their work on holiday / half-day.

The rates of Dearness allowance as admissible to the different categories of the non-teaching staff of the University were sanctioned to be paid henceforth to the equivalent cadres of the staff working under Carbohydrate Research Unit of the U.S.D.A. Project.

The rate of remuneration of the amanuensis as appointed by the University was enhanced from Rs. 4/- to Rs. 10/- per person.

The Subordinate Staff cadre of University Guest House-cum-Faculty Club were granted an ad-hoc allowance of Rs. 25/- p.m. with effect from 1. 2. 71 in lieu of over-time allowances for discharging duties as and when necessary.

Such assistants as store-keeper etc. were granted a special allowance of Rs. 15/- p.m. with effect from 19. 11. 70 provided they would have to take out a fidelity Insurance and to bear the cost of premium towards it.

The advance against salary was to be made to the staff in the subordinate, ministerial and technical cadre provided the amount of such advance would not exceed Rs. 60/- to be realised in six monthly instalments and the outstanding amount in advance should in no case exceed Rs. 60/- at any time.

Professor as appointed by the Chancellor or the University for performing the duties of the Vice-Chancellor during the period of his absence would henceforth be paid only the full pay of the Vice-Chancellor and no other pay or allowance during the said period of discharge of duty.

STUDY LEAVE / LEAVE ON DEPUTATION / LIEN

Name & Designation	Period	Purpose
Dr. Dipti Kr. Chattoraj <i>Lecturer, Physical Chemistry</i>	Study leave extended from 1. 5. 70 to 30. 4. 71	Completion of the Project at the University of Iowa.
Dr. Kalyan Kr. Ghosh <i>Lecturer, International Relations</i>	Study leave extended from 30. 9. 70 to 29. 9. 71	Completion of Post-doctoral studies in London.
Dr. Anandadev Mukherji <i>Lecturer, Geology</i>	Study leave extended from 5. 7. 70 to 4. 7. 71	Completion of Post-doctoral research work at Norway.

Sri Pabitrabhusan Sarkar <i>Lecturer, Bengali</i>	Study leave extended from 3. 8. 70 to 2. 8. 71	Completion of studies and work for advanced degree in Linguistics at Chicago.
Dr. Uday Sankar Ganguli <i>Professor, Electronics & Tele-Com. Engg.</i>	Study leave extended till 31. 8. 70 without pay.	Further studies in U.S.A.
Sm. Himani Banerjee <i>Lecturer, English</i>	Study leave without pay extended for 1 year from the date of expiry of study leave in August, '70.	Completion of Ph.D. course in Canada.
Sri Manabendra Mohan Bandopadhyay <i>Lecturer, Comp. Literature</i>	Study leave granted from 1. 9. 70 to 30. 8. 71	Ph.D. degree at the University of Toronto, Canada.
Dr. O. P. Rustogi <i>Reader, Electronics & Tele-Com. Engg.</i>	Leave on deputation from 10. 12. 70 to 15. 3. 71.	To attend to the training at the Experimental Satellite Communication Earth Station at Ahmedabad.
Dr. Bijoli Kanti Pal <i>Lecturer, Inorganic Chemistry</i>	Study leave from 27. 7. 70 to 3. 11. 70	Completion of studies at Milan Polytechnic, Italy.
Sri Kalyanmay Ghosh <i>Reader, Civil Engg.</i>	Study leave from 1. 7. 71 to 31. 8. 71	
Dr. Supriya Roy <i>Reader, Geology</i>	Leave on deputation on full pay from 17. 8. 70 to 26. 9. 70	
Sri Arun Kr. Mukherjee <i>Lecturer, Civil Engg.</i>	Study leave for 1 year from 15. 8. 70	Ph.D. degree in Structural Engg.
Sm. Jaba Bose (nee Guha) <i>Lecturer, Economics</i>	Study leave for 1 year from 1. 7. 70	To pursue studies in Monetary Economics at the University of Bombay, India.
Sri Jayasankar Lal Shaw <i>Lecturer, Philosophy</i>	Study leave extended from 13.8.70 to 12.8.71	Doctorate degree at the University of Alabama, U.S.A.
Sri Sachinath Mitra <i>Lecturer, Geology</i>	Leave with Lien extended from 1. 3. 70 to 20. 9. 76 without pay.	To continue as Jt. Director of Geology, Planning Commission.

Name & Designation	Period	Purpose
Dr. Pratul Ch. Gupta <i>Head of the Dept. of History</i>	Leave with Lien for 1 year from 22. 8. 70	To join as Vice-Chancellor of Visva Bharati University.
Dr. Jnan Saran Chatterjee <i>Head of the Dept. of Elect. & Tele-Com. Engineering</i>	Leave for 1 year without pay w.e.f. such date as he may avail of leave in Sept./Oct. 1970	To carry on research in Electro-magnetism in Langley Research Centre, U.S.A. as a Sr. Research Associate.
Dr. Jayanta Kumar Roy <i>Lecturer, International Relations</i>	Leave on deputation extended without pay till 30. 4. 71	To continue assignment of Readership at the University of Burdwan, India.
Dr. Gopika Mohan Bhattacharya <i>Reader of Sanskrit</i>	Leave with lien without pay for 1 year with effect from such date as he may avail of in Sept./Oct. 1970	To join the post of Professor of Kurukhetra University.
Sri Mihir Ranjan Bhattacharya <i>Lecturer, English</i>	Study leave for 1 year from 2. 11. 70	To pursue higher studies in 7th Century English Literature in the University of Reading, Great Britain under British Council Scholarship for '70-'71.
Sri Tarun Kumar Mukherjee <i>Lecturer, Mathematics</i>	Study leave for 1 year from 1. 9. 70	To undertake research on functional analysis at the University of Arkansas, U.S.A.
Dr. Jayantanuja Bandopadhyaya <i>Professor of International Relations</i>	Study leave granted from 1. 9. 70 to 30. 6. 71	To accept a Senior Fellowship offered by the Columbia University, New York for 70-71 for research and writing a book "Tradition and Changes in Asia with special references to the political thought of Mao-tse-Tung and Gandhi".
Sri Surya Prakash Srivastava <i>Associate Lecturer in Pharmacy</i>	Study leave without pay extended for 1 year from 18. 8. 70	

Name & Designation	Period	Purpose
Dr. Sushil Das Gupta <i>Professor of Electrical Engineering</i>	Leave on deputation terms on full pay for 1 year from 11. 10. 70	To accept the Commonwealth Academic Staff Fellowship to join the Control Engineering group at Cambridge University, U.S.A.
Shri Sunit Mukherjee <i>Reader of Food Technology and Bio-Chemical Engineering</i>	Leave without pay extended from 10. 9. 70 to 31. 12. 70	To continue work at Cornflake Plant of M/s United Cereal Products Ltd.
Dr. Bhupati Charan Par <i>Lecturer in Chemical Engineering</i>	Leave without pay granted from 1. 11. 70 for a period as admissible under rule	To accept the post of Technical Director of M/s. Kusum Chemical Industries Ltd.
Sri Sisir Kumar Nag <i>Reader of Electrical Engineering</i>	Leave on deputation extended from 8. 11. 70 to 15. 4. 71	
Sri Samar Guha <i>Lecturer, in Chemistry</i>	Special leave extended on full pay w.e.f. 1. 7. 70 till the remaining period of his term of membership of the Lok Sabha.	
Sri Arup Kumar Mukherjee <i>Lecturer in Civil Engineering</i>	Study Leave (6 months on full pay and 6 months on half pay) w.e.f. 15. 8. 70	To work on "Structural Engineering" for Ph.D. degree at the University of Calgary, Canada.
Dr. Krishna Kamini Rohatgi Mukherjee <i>Reader of Physical Chemistry</i>	Study leave on full pay from 16.12.70 to 30.4.71 with permission to suffix summer vacation of 1971	
Sm. Priti Mitra <i>Senior Library Asstt.</i>	Study leave for 14 months from 15. 4. 71 to 15. 6. 72 (6 months on full pay and 6 months on half-pay and the remaining 2 months without pay).	To study at the Documentation Research Training Centre at Bangalore.
Sri Chayan Kanti Sarkar <i>Junior Assistant, Despatch Section</i>	Leave without pay without lien on his post for 1 year from 16.11.70	To accept the post of Asstt. Commandmen of Rehabilitation Govt. of India at Man Camp, Raipur, M.P.

CONFERENCE/SEMINAR/EDUCATIONAL TOUR ABROAD ETC
AND OTHER IMPORTANT ACTIVITIES:

Name and designation	Country where conference held, subject and period.
Dr. Niloy Choudhury <i>Professor of Civil Engineering</i>	International Association on water pollution research in U.S.A.—July August, 1970.
Dr. Biswarup Choudhury, <i>Professor of Electrical Engineering.</i>	International Conference of High Tension Power System in France —August, 1970.
Dr. Sanjib Chandra Sarkar <i>Reader of Geology.</i>	International Association on Genesis of ore deposits in Tokyo—August, 1970.
Dr. Bankim Mukherjee <i>Professor of Geology</i>	XXIII Session of International Commission for Coal Petrology at Liege, Belgium—September, 1970.
Dr. Jagadish Narayan Sarkar <i>Professor of History.</i>	International Congress of Orientalist, Canberra—January, '71.
Dr. Ambica Ghosh <i>Professor of Economics</i>	Attended the International Input-Output Congress at Geneva, Organised by United Nations.
Shri Chittapriya Ghosh (Sankha Ghosh) <i>Lecturer in Bengali</i>	Nominated to attend the International Seminar on "Asian Response to American Literature" held in Srinagar as sponsored by U.G.C. from 31. 5. 70 to 6. 6. 70.
Dr. Sisir Chatterjee <i>Reader of English</i>	"
Dr. Amiya Dev <i>Lecturer in Comparative Literature</i>	"
Dr. Topen Roy <i>Professor of Physics</i>	Visited U.K. and Geneva under Indo French Cultural Programme—June, '70.
Dr. D. K. Sinha <i>Reader of Mathematics</i>	Participated in Training Programme of National Council for Science Education in U.S.A. as sponsored by the Ministry of Education, Govt. of India,—Sept. 70 to Jan. 1971.

Dr. Nafesh Guha <i>Professor of Comparative Literature</i>	Study-cum-information trip in Germany as invited by the Indian Branch of the German Academic Exchange, New Delhi, 3 months from May, 1971.
Dr. Parthasarathi Mukhopadhyay <i>Lecturer in Physics.</i>	Visited U.K. under the Programme of Exchange of visits by younger Scientists between India and U.K. —February, March, 1971.
Shri Sunit Kumar Mukherjee <i>Reader of Food Technology & Bio-Chemical Engineering</i>	Worked at Cornflake Plant of M/s. United Cereals Ltd., Calcutta on leave with lien on his post.
Shri Harendra Nath Sur <i>Lecturer in Economics</i>	Worked on a project "District Survey work" of United Bank of India.
Dr. O. P. Rustogi <i>Reader of Electronics & Tele-Communication Engineering.</i>	Nominated to receive training course at the experimental satellite communication Earth Station, Ahmedabad and full cost was borne by the University.

Given below is the statement of the staff who had added to their academic qualification during the year uunder report.

Dr. Nema Sadhan Bose <i>Reader of History</i>	D. Litt. (London)
Shri Asit Bandopadhyay <i>Lecturer in Physics</i>	D.Phil (Science), C.U.
Shri Pradip Kumar Bhattacharya <i>Lecturer in Electrical Engineering</i>	Doctor of Philosophy (Tech. Science from M. I. Kalinin Polytechnical Institute, U.S.S.R.)
Shri Om Prakash Rustogi <i>Reader of Electronics & Tele-Communication Engineering</i>	D.Phil (Engineering), J.U.
Shri Nandadulal Banerjee <i>Lecturer in Food Technology & Bio-Chemical Engineering.</i>	D.Phil (Science), C.U.
Shri Dhananjay Kumar Pal <i>Lecturer in Mechanical Engineering</i>	Master in Engineering (M.E.), J.U.
Shri Debnath Bandopadhyay <i>Lecturer in Bengali</i>	D.Phil (Arts), C.U.
Sri Asoke Kumar Chakravarty <i>Junior Assistant</i>	B.A. (Part-II), C.U.

Sri Ashim Thakur <i>Junior Assistant</i>	Dip. Lib. Sc., C.U.
Shri Asit Baran Datta <i>Junior Assistant</i>	P.U. (Arts), C.U.
Shri Debasis Ghosh <i>Lab. Asstt., Physics</i>	M.Sc., J.U.
Sri Jyoti Prasanna Das Thakur <i>Junior Assistant</i>	M.A. (Com.), C.U.
Sri Monoranjan Chakravarty <i>Sr. Lib. Assistant</i>	M.A. (Hist.), C.U.
Shri Samir Kumar Bose <i>Sr. Lib. Assistant</i>	M.A. (Com.), C.U.
Shri Shyma Prasad Das <i>Jr. Assistant</i>	M.A. (Arts), C.U.
Shri Asis Kumar Bose <i>Jr. Stenographer</i>	B.Lib. Sc., J.U.
Shri Ramen Kumar Sengupta <i>Junior Assistant</i>	M.A. (Com.), C.U.
Shri Sajal Kanti Datta Ray <i>Junior Assistant</i>	B.Sc., C.U.
Shri Dhananjay Bhattacharya <i>Junior Assistant</i>	B.Com., C.U.
Shri Hiranmay Mitra <i>Junior Assistant-cum-Typist</i>	B.Com., C.U.
Shri Birendra Kumar Bhattacharya <i>Junior Assistant</i>	B.Com., C.U.
Sm. Priti Mazumdar <i>Junior Library Assistant</i>	M.A., C.U.
Sri Dipak Kumar Ray <i>Senior Library Assistant</i>	M.A. (Islamic History), C.U.
Sm. Amita Ray (Nee Gangopadhyay) <i>Jr. Assistant cum-Typist</i>	B.A., C.U.
Sm. Manju De <i>Junior Library Assistant</i>	M.A., C.U.
Sm. Usha Guha Thakurta <i>Junior Library Assistant</i>	M.A., C.U.

Shri Jayanta Kumar Banerjee <i>Jr. Mechanic, Mech Engg. Dept.</i>	L.M.E. from State Council of Engg. & Tech. Education.
Sri Amallesh Bhattacharya <i>Estate Assistant</i>	S.F., Board of Secondary Edn, West Bengal
Mintu Lal De <i>Peon</i>	P. U., C.U.
Shri Dhyanpada Mondal <i>Peon.</i>	S.F., Board of Secondary Edn.
Sri Mantulal Saha <i>Peon.</i>	B.Com., C.U.

PUBLICATIONS: PAPERS/BOOKS ETC.

Department of Philosophy

1. "The Nature of Philosophic Reasoning in Indian thought"—Journal of the Centre of Advanced Studies in Philosophy, Benaras Hindu University, April 1970 (The paper was represented in an all India Seminar).

—KALIKRISHNA BANERJEE

Department of History

- Book: "American Attitude and Policy to the Nationalist Movement in China (1911-1921)" Orient & Longman, 1970.

—NEMAI SADHAN BOSE

- Papers: A Note on The Black Hole Tragedy, Part I, in Quarterly Review of Historical Studies, Vol. X, No. 3, 1970-71.

Part II in Quarterly Review of Historical Study, Vol. X, No. 4, 1970-71 (including a Bibliography on the Black Hole Tragedy).

—AMALENDU DE

2. A Separate Homeland for the Muslims of India, in Quarterly Review of Historical Studies, Vol. XI, No. 3, 1971-72.

—AMALENDU DE

- ৩। বাংলাদেশের ইতিহাস রচনায় কালিদাস দত্তের অবদান, ইতিহাস, নবপর্ষায় ; মাঘ-চৈত্র, ১৩৭৫

—অমলেন্দু দে

- ৪। বিপিন চন্দ্র পাল ও মহম্মদ আলি ; মতান্তর ও তিক্ততা, ইতিহাস নবপর্ষায় ; ১৩৭৭

—অমলেন্দু দে

- ৫। পাকিস্তান প্রস্তাব ও ফজলুল হক, (প্রথম ও দ্বিতীয় অংশ) ইতিহাস, নবপর্ষায়

—অমলেন্দু দে

1. The Way to the Partition, the Japanese Version of the book 'Khaksar Andolaner Itihasa' (in Bengali), Foreward by Dr. Takeshi Hayashi, Contribution by Prof. H. Nakamura, Postscript and Translation by Mr. Hiroshi Sato, Published by the Institute of Durloping Economies, Tokyo, October, 1970 (This is the first book translated from original Bengali into Japanese).

—AMALENDU DE

1. Early Indigenous Coins of South India"—Published in Early Indian Indigenous Coins, 1970, Ed. D. C. Sircar, Calcutta University.

—BELA LAHIRI

Department of Library Science

1. Library Classification,—a book published by the World Press, Calcutta, 1971. Written jointly with Sri B. Sengupta.
2. What is University Education—an article published in the Souvenir of the Third Annual General Conference, December, 1970, of the Jadavpur University Teachers' Association.
—A. K. OHDEDAR

Department of Chemistry

1. Total Synthesis of Ring-C-Aromatic 18-Nor-Steroid, Chem. Comm., 618 (1970).
—A. CHATTERJEE & B. G. HAZRA
2. Synthesis of 4-Methyl-5-Methoxyindan-1-one., Tetrahedron. 26, 2599 (1970).
—A. CHATTERJEE & S. BANERJEE
3. Specific Interaction Between Tetraalkyl-ammonium and Hexacyanoferrate (III) Ions., Inorg. Chem. 9, 2781, (1970).
—M. K. BASU & M. N. DAS
4. Standard Potentials of Ag-AgX (X=Cl or Br) Electrodes in Glycolic Solvents at Different Temperatures and Related Thermodynamic Quantities, J. Chem. Eng. Data, 15, 209. (1970).
—K. K. KUNDU, P. K. CHATTOPADHYAY & M. N. DAS
5. Standard Potentials of Ag-AgBr Electrode in Propylene Glycol and of Ag-AgI Electrode in Ethylene and Propylene Glycols at Different Temperatures and Related Thermodynamic Quantities, J. Phys. Chem. 74, 2625 (1970).
—K. K. KUNDU, DEBABRATA JANA & M. N. DAS
6. Thermodynamics of Self-Ionization of Ethylene and Propylene Glycols, J. Phys. Chem. 74, 2633 (1970).
—P. K. CHATTOPADHYAY, DEBABRATA JANA & M. N. DAS
7. Thermodynamics of Proton Transfer Processes Involving Ammonium and Substituted Ammonium Ions in Ethylene Glycol., J. Chem. Soc. (A), 2034 (1970).
—K. K. KUNDU, P. K. CHATTOPADHYAY & M. N. DAS
8. Specific Solvent Effects on Rates of Alkaline Hydrolysis of Acetyl mandelate Ion., J. Chem. Soc. (A), 1576 (1970).
—A. K. RAY & M. N. DAS

9. Ion Association Effects on Rates of Alkaline Hydrolysis of Acetylsalicylate and Acetylmandelate Ions., J. Chem. Soc. (A), 464 (1970).
—A. K. RAY & M. N. DAS
10. Analysis of Mixtures of Amines by Differential Kinetics, Analytica Chim. Acta. 50, 135 (1970).
—I. I. SHRESTA & M. N. DAS
11. The Kinetics of the Chromic acid oxidation of phenyl phosphorous acid., Bull. Chem. Soc. (Japan), 43, 590 (1970).
—K. K. SEN GUPTA
12. The Kinetics of the chromic acid oxidation of glycollic and benzoic acid, Bull. Chem. Soc. (Japan), 43, 3841 (1970).
—K. K. SENGUPTA, A. CHATTERJEE & S. P. MOULIK
13. Kinetics of the oxidation of hypophosphorous acid by vanadium (V). Z Physik. Chem. 230 (1970).
—K. K. SENGUPTA, B. B. PAL & D. MUKHERJEE
14. Stark Splitting Pattern in the Emission Spectra of Mixed Chelates of Europium., Indian J. Chem. 8, 944 (1970).
—K. K. ROHATGI, S. K. SENGUPTA & D. K. KHAMRUI
15. Spectral Study of Mixed Chelates of Rare earths. Pt. II-U.V., Visible, I.R. Spectra of Iris Salicylato-bis-phenanthroline complex of La, Pr, Nd, Sm, Eu and Tb.: J. Inorg. Nucl. Chemistry, 32, 2247 (1970).
—K. K. ROHATGI, S. K. SENGUPTA
16. Donor-Acceptor Complexes of Engg. Lecithin.: Indian J. Chemistry, 8, 299 (1970).
—B. B. BHOWMIK
17. Intermolecular Hydrogen Bond of —Naphthol with Azoaromatics and Aromatic Hydrocarbons.: J. Phys. Chem., 74, 4442 (1972).
—B. B. BHOWMIK
18. Electrophoresis of absorbed histones and protamines, Indian J. of Biochemistry, 7, 199 (1970).
—S. N. UPADHYAY & D. K. CHATTORAJ
19. Electrophoresis of genetically different proteins in the absorbed state, Indian J. Biochem., June, 1970.
—D. K. CHATTORAJ, P. CHOWRASHI, K. CHAKRAVARTI & J. B. CHATTERJEE
20. Physico-Chemical Studies on Iron (III) benzilate chelate. J. Inorg. Nucl. Chem. 32, 1052 (1970).
—K. K. SENGUPTA, S. P. MOULIK and K. DEY

21. Chelation of benzilate with Iron (III): *Z. Anorg. Allgem. Chem.*, **379**, 72 (1970).
—K. K. SENGUPTA, S. P. MOULIK and K. DEY
22. Diphenylsulphoxide and triphenylphosphate complexes of uranium (VI) and uranium (IV), *Chem. and Ind. (London)*, 95 (1970).
—A. K. MAJUMDAR & R. G. BHATTACHARYA
23. Magnetic properties, electronic spectra and infrared spectra as aids in the structural studies of some dioxouranium (VI) complexes—Proceedings of the Chemistry Symposium (Madras), Department of Atomic Energy, Government of India, **1**, 293 (1970).
—A. K. MAJUMDAR & R. G. BHATTACHARYA
24. Electrochematography in the separation of ions: *Mikrochim. Acta* 596 (1970).
—A. K. MAJUMDAR & B. K. MITRA
25. N-Benzoyl-o-tolylhydroxylamine as a gravimetric reagent for uranium (VI)—*Anal. Chim. Acta*, **50**, 243 (1970).
—M. K. DAS & A. K. MAJUMDAR

Department of Civil Engineering

1. 'Structural fatigue,' Presented in a Seminar on Modern trends in Design held at Motilal Nehru Regional College, Allahabad, India, on March 1970.
—A. K. MUKHERJEE
2. Discussion on 'A study of consolidation characteristics of Keolinite clay', *Journal Indian Nat. Soc. of Soil Mech. & Found Engg.*, Vol. 9 No. 2, April 1970.
—C. R. Gangopadhyay and U. Bhattacharya
3. 'Simplified graphical evaluation of BOD curve constant', *Journal Water Pollution Control Federation*, Vol. 42, May 1970, U.S.A.
—D. Bagchi & N. Chaudhuri
4. 'Settlement of Structures on clay with particular emphasis on London Clay', *Construction Industries Research and Information Association Report No. 22*, July 1970, London.
—Simons & N. Som
5. 'Lateral stresses during one-dimensional consolidation of and over consolidated clay, Proc. of the 2nd Southeast Asian Regional Conference on Soil Engineering, Singapore, July, 1970.
—N. Som
6. 'Discussion on a tri-diagonal Matrix method for the Analysis of Multi storey framed & Shear walled buildings', *Journal of Institution*

of Engineers (India), *Civil Engg. Div. Vol. 50*, No. 11, Part C, 16 July 1970.

—A. K. MUKHERJEE

7. 'Technique of Evaluation of System parameters relating solids accumulation in oxidation ditches process', 5th International Water Pollution Research Conference, July-August, 1960.
—N. CHAUDHURI
8. 'Behaviour of a Wagon under frame'—*Structural Engineers (India)*, Quarterly Publication of the Institution of Structural Engineer of India, Vol. 1, July-Sept. 1970.
—A. K. MUKHERJEE, B. SENGUPTA, B. N. GHOSH and P. SOM
9. 'Simplified theory on Structural fatigue'—*Structural Engineers (India)*, Vol. 1, Oct.-Dec. 1970.
—A. K. MUKHERJEE
10. 'Anchor Zone stresses in pretensioned Tee-sections, Annual Bulletin of the Indian National Group of the I.A.B.S.E., 1970.
—B. SENGUPTA & P. SOM
11. Consolidation of a sedimented Kaolinite under linear loading, 2nd Southeast Asian Conference on Soil Engineering, Singapore, 1970.
—C. R. GANGOPADHYAY & U. BHATTACHARYA
2. 'Outlines of Modern stream sanitation', *Indian Engineer*, accepted for publication in 18 issues. Already published in June-Nov. 1971 issues.
—R. BHATTACHARYA and N. CHAUDHURI
3. 'Extension of Base line by Method of Equal shift', Presented in the nineteenth annual conference of the Institute of Surveyor June 1971 and published in *Indian Surveyor* No. 1971.
—B. N. GHOSH & D. BAGCHI
4. 'Nomographs for rectangular sewer sections', *Journal State Public Health Engineers Association*, W.B. 1971.
—S. M. CHATTOPADHYAY and N. CHAUDHURI
5. 'Recent trends in the methods of estimating settlement', *Construction Engineers of India*, Vol. 1, 1971.
—C. R. GANGOPADHYAY
6. 'An Introduction to Biological Waste treatment', *Journal State Public Health Engineers Association*, W.B., 1971.
—M. DUTTA & S. NIYOGI

Books:

1. Structural Analysis, The Central Book Depot, Allahabad, India, 1971.
—P. SOM & A. K. MUKHERJEE

Department of Chemical Engineering

1. 'The collection efficiency of a cyclone separator'—Published in British Chemical Engineering, Vol. 13, No. 4, P. (213) 529, April, 1970.
—S. N. MUKHOPADHYAY and K. C. ROY CHOWDHURY
2. 'Some studies on liquid extraction for the system Toluene-Benzoinic acid—Water in a pulsed and unpulsed Plate Column of a given geometry'—Published in 'Petroleum and Hydrocarbons', (Chemical Age of India), Vol. 5, No. 3, p. 68-74, October, 1970.
—J. C. MISHRA & D. K. DUTT
3. 'Importance of oxygen in steel industry with special reference to electro-metallurgy'—Published in 'Chemical & Process Engineering', p. 15-18, Vol. V, No. 3, March, 1971.
—SUBHRA CHAKRABORTY and J. C. MISHRA
4. 'Hydroxy sulfonated Fatty Acid Esters as Surface Active Agents V: Surfactants containing more than one hydrophilic group'—Published in Fette-Seigen-Anstrichmittel, Vol. 72, No. 7, p. 579-582 (1970).
—A. GUPTA & R. N. MUKHERJEE
5. 'Hydroxy sulfonated Fatty Acid Esters as Surface Active Agents VI: Ester and Amide Derivative Surfactants'—Published in 'Fette-Seifen-Anstrichmittel', Vol. 72, No. 9, p. 800-803, 1970.
—A. GUPTA & R. N. MUKHERJEE
6. 'Corrosion of Aluminium Dearing Alloys by lubricating oils'—Published in Indian Journal of Technology, Vol. 8, p. 373-377, October, 1970.
—P. C. DEB & R. N. MUKHERJEE
7. 'Studies on Heat Transfer with a plate parafflow Heat Exchanger in a gas-gas system'—Published in Indian Chemical Engineer (incorporating the Transactions), Vol. XII, Trans. No. 3, p. 33-40, July 1970.
—B. N. MUKHOPADHYAY & B. C. CHANDA
8. 'Radial Distribution of Bed voidage of suspensions Flowing under Turbulent condition in a horizontal pipeline'—Published in Journal of the Institution of Engineers (India), Vol. 51, p. 39-42, February, 1971.
—S. K. PODDAR & D. K. DUTT

Department of Electrical Engineering

1. Optimum Ratio of Rotor Resistance to Total Reactance of a Poly-phase Permanent Split Capacitor Motor—Journal of the Institution of Engineers (India), December, 1970.
—Dr. N. N. ROY
2. On observer for third order Systems—Journal of the Institution of Engineers (India), E.T. Vol. 50, May, 1970.
—S. GOSWAMI & DR. S. DASGUPTA
3. Steady-state performance of Untransposed poly-phase Transmission Lines—General Analysis—Journal of the Institution of Engineers (India), June, 1970.
—DR. S. P. PATRA & DR. G. P. PURKAYASTHA
4. Steady-state Performance of Untransposed Poly-phase transmission lines—component system analysis—Journal of the Institution of Engineers (India), June, 1970.
—DR. S. P. PATRA and DR. G. P. PURKAYASTHA
5. Circuit-Breaker operation control by Solid-state switching Devices—The Electrical Research, April, 1970.
—S. CHOUDHURY, DR. S. K. BASU and DR. S. P. PATRA
6. Application of Variable Auto-Transformer as phase shifter—Journal of the Institution of Engineers (India) October, 1970.
—K. P. BASU and DR. S. P. PATRA
7. Design of Control Circuit of an automated elevator employing mathematical logic—I.E.E.E. Transaction on Industry & General Applications, August, 1970.
—S. CHOUDHURY, S. K. BASU and DR. S. P. PATRA
8. Analysis of a Blocking Oscillator for the firing Angle Control of S.C. R.'s.—Journal of the Institution of Engineers (India) September, 1970.
—D. BHATTACHARYA
9. Report of the Panel of Instrumentation and Automation—Journal of the Institution of Engineers (India), Vol. 50, No. 9, I.D.G.E. 3, May, 1970.
—DR. A. K. CHATTERJEE and DR. S. DAS GUPTA etc.
10. A study on the Monte Carlo Modelling of Markov Processes with costs—Journal of the Institution of Engineers (India) E.T. Vol. 50, May, 1970.
—A. MUSTAFI, V. SUBBIAH and DR. S. DAS GUPTA

11. Certain Problems of Monte Carlo Modelling of Class of Markov Processes—Journal of the Institution of Engineers (India), E.T. Vol. 50, May, 1970.

—A. MUSTAFI, V. SUBBIAH and
DR. S. DAS GUPTA

12. A Method for reducing the number of Trials in the Simulation of an Ergodic Markov Processes—Journal of the Institution of Engineers (India), E.T. Vol. 50, May, 1970.

—A. MUSTAFI and DR. S. DASGUPTA

13. Investigations on flashover of artificially polluted H.V. Insulators—Elec. Division Journal of Institution of Engineers (India), Vol. 51, No. 6, Feb. 1971.

—DR. B. CHAUDHURY and
N. CHATTERJEE

RESEARCH : 1969-'70

A. Statement of Research scholars attached to the Departments: 1970-'71

Faculty of Arts	Number of Research Scholars
Bengali	2
Economics	3
History	4
Political Science	5
Philosophy	2
Sanskrit	8
English	2
Comparative Literature	1
Library Science	—
	<hr/>
Sub-total	27
Faculty of Science	
Physics	8
Chemistry	23
Mathematics	6
Geological Science	23
	<hr/>
Sub-total	60
Faculty of Engineering & Technology	
Mechanical Engineering	2
Electrical Engineering	10
Civil Engineering	2
Electronics & Tele-Communication Engineering/ Instrumentation & Electronics/Computer Science	19
Chemical Engineering	17
Metallurgical Engineering	—
Architecture	—
Food Technology and Bio-Chemical Engineering	24
Pharmacy	15
	<hr/>
Sub-total	89
	<hr/>
Total	176

B. STATEMENT OF AWARD OF DOCTORATE (Research) DEGREE OF THE
PERIOD JANUARY 1, 1970 to JUNE 30, 1971

Name of the Research Degree Holder	Name of the Supervisor	Title of the Thesis
Ph.D. (Engg.):		
Prakash Chandra Kejariwal <i>Electrical Engineering</i>	Dr. Jyotsna Kumar Chaudhury	Some problems on standardisation for Precision Electrical Measurements.
Om Prakash Rustogi <i>Elect. & Tele-Com. Engg.</i>	Dr. Jnan Saran Chatterjee	Some studies on Non-uniform Transmission Lines and their Applications in U.H.F. Micro-waves.
Sukumar Dutta <i>Mechanical Engineering</i>	Prof. Gopal Ch. Sen & Dr. Syamadas Chatterjee	Some heat transfer problems in Metal Cutting.
Madhusudan Bhattacharyya <i>Mechanical Engineering</i>	Dr. Rajat Kumar Chakraborti	Residual Stresses in Arc-welding and their Relation with Welding Parameters.
Manish Kr. Mukhopadhyay <i>Elect. & Tele-Com. Engg.</i>	Dr. Sudhansu Sekhar Deb	Semi-conducting materials detector of Ultra-Micro Optical Waves.
Kumudesar Das <i>Food-Tech. & Bio-Chem. Engg.</i>	Dr. Tarun Kumar Ghose	Continuous Enzymatic harification of Cellulosic materials with special reference to the conversion of Paddy hulls fermentable liquors.
Jai Chandra Mishra <i>Chemical Engineering</i>	Prof. Dilip Kumar Dutt	Studies on Mass Transfer up and Maximum loading in pulsed sieve plate column liquid-liquid extraction.
Radhunath Dhar <i>Electrical Engineering</i>	Dr. Prasanta Kr. Mukherjee & Dr. Shyama Pada Patra	The Economic operation power system.
Isvari Iyer Radhakrishnan <i>Food Tech & Bio-Chem. Engg.</i>	Dr. T. R. Bhaskaran	Study of Factor governing oxidation of Phenolic compounds.
Bakul Bhaduri <i>Pharmacy</i>	Dr. B. K. Moza	Studies on Alkaloids.
Ph.D. (Science):		
Mrs. Saramma Alexander <i>Physics</i>	Dr. Syamadas Chatterjee	Investigation on Cosmic Intensity variations at Sea Level
Sm. Gouri Bhowal (nee Sikdar) <i>Inorganic Chemistry</i>	Dr. Anil Kumar Majumdar	Internal Electrolysis for Separation and determination ions.
Amrita Lal De <i>Physical Chemistry</i>	Dr. Kiron Kumar Kundu	Studies on some acid-base equilibrium in some mixed amphiprotic solvents.

Name of the Research Degree Holder	Name of the Supervisor	Title of the Thesis
Animesh Kumar Rakshit <i>Physical Chemistry</i>	Dr. Kiron Kumar Kundu	Studies on standard potential of some alkali metal-metal ion electrodes in some mixed amphiprotic solvents.
Hari Sankar Chakraborty <i>Mathematics</i>	Dr. Dilip Kumar Sinha	Studies in problems of interaction between mechanical and electromagnetic fields.
Santi Dhan Nandi <i>Inorganic Chemistry</i>	Dr. Debabrata Sen	Investigation on metal biguanides.
Birendra Kumar Mitra <i>Inorganic Chemistry</i>	Dr. Anil Kumar Majumdar	Physicochemical methods (ion exchange, electro-chromatography, spectro photometry and high frequency titrimetry) in the separation and determination of ions.
Arun Kumar Mukhopadhyay <i>Inorganic Chemistry</i>	Dr. Anil Kumar Majumdar	Studies on the coordination complexes of cobalt and nickel.
Chanchal Kumar Pal <i>Inorganic Chemistry</i>	Sri Amiya Kumar Chakraborty	Analytical uses of some organic reagents and their application in geochemical problems.
Aloke Chakraborty <i>Mathematics</i>	Dr. Dilip Kumar Sinha	Studies in problems of piezoelectric transducers.
Sudhindra Kumar Biswas <i>Mathematics</i>	Dr. Achinta Kumar Mitra	Some problems on vibrations and deformation of elastic bodies.
Dilip Ranjan Ray <i>Mathematics</i>	Dr. Dilip Kumar Sinha	Studies in the problems of electro-mechanical responses.
Sm. Jharna Roy <i>Organic Chemistry</i>	Dr. Nikhil Ranjan Ghosk	Studies on polycyclic compounds.
Haradhan De	Dr. Syamadas Chatterjee	Investigations on orientation of dipole molecules due to electric and magnetic fields with special reference to electrets.
Atagu Thirumalai Shanugam <i>Geological Sciences</i>	Dr. Bankim Mukherjee & Dr. S. K. Bhattacharya	An analysis of sediment movement in the tidal channels of the Gangetic delta, India.
Debabrata Jana <i>Physical Chemistry</i>	Dr. Mihir Nath Das	Thermodynamic properties of hydrogen halides in glycolic media.
Rogendar Singh	Dr. Syamadas Chatterjee	Study of the light of the night sky.
Prishnadas Roy Choudhury <i>Physics</i>	Dr. Syamadas Chatterjee	Investigation on the dielectric polarisation of solids related to electret phenomena.
Raja Gopal Hajra <i>Organic Chemistry</i>	Dr. Amareshwar Chatterjee	Synthesis of Polycyclic Compounds.

Name of the Research Degree Holder	Name of the Supervisor	Title of the Thesis
Gopinath Sarkar <i>Mathematics</i>	Dr. S. C. Das Gupta	Some problems of elasto dynamics with special reference to seismology.
Ajoy Lal Mukhopadhyay <i>Geological Sciences</i>	Dr. Siva Sundar Dev	A geological, geochemical and hydrological study of the Surajkund group of thermal springs at Hazaribagh District, Bihar
Kushalendu Goswami <i>Physics</i>	Dr. Amalendu Chaudhury	A study on the F-centres in the crystals of potassium halides.
Arun Kumar Gupta <i>Physics</i>	Dr. Syamadas Chatterjee	Contributions to the study of electrical response of galvanometers.
Amar Nath Maitra <i>Inorganic Chemistry</i>	Dr. Debabrata Sen	Investigation on boron and silicon heterocycles.
Sm. Abha Ghoshal (nee Mukhopadhyay) <i>Mathematics</i>	Dr. Sudhansu Kr. Ghoshal	On some problems of viscous fluid.
Jagadish Chandra Misra <i>Mathematics</i>	Dr. Bibhuti Bhushan Sen	Problems of thermal stresses in elastic media.
Sukumar Basu Mallik <i>Mathematics</i>	Dr. Dilip Kumar Sinha	Some magnetohydrodynamic and magnetoelastic phenomena in layered media.
Subhendu Chaudhuri <i>Physics</i>	Dr. Amalendu Chaudhury	Study on the defect centres produced in the crystals of sodium halides due to electron and proton bombardment.
S. Parthasarathy <i>Physical Chemistry</i>	Dr. Santi Ranjan Palit	Studies on complex formation in aqueous solution.
Ajoy Kumar Mukhopadhyay <i>Physical Chemistry</i>	Dr. (Mrs.) K. K. Rohatgi Mukherjee	Special study of dye aggregation.
Saurindranath Upadhyaya <i>Physical Chemistry</i>	Dr. Dipti Kumar Chattoraj	Electrophoresis and adsorption of some biological polymers at solid-liquid interface.
Swadeshpriya Sanyal <i>Geological Sciences</i>	Dr. M. V. N. Murthy	Petrology of natural coke associated with igneous intrusives parts of the Raniganj and Jharia Coalfields, Eastern India.
Ph.D. (Arts):		
Mirza Nasir Ali <i>English</i>	Dr. Subodh Ch. Sen Gupta	Neo-classical criticism of Shakespeare with special reference to Johnson.
Subhendusekhar Mukhopadhyay <i>Bengali</i>	Dr. Devipada Bhattacharyya	Rabindranather Prabhat Sangeet Kavyagranth Pathbhanga Sankalan : Kavyarup o Bhat Vivartane tar Gurutva Bicar.
Haladhar De <i>Sanskrit</i>	Sri Hemanta Kr. Ganguli	Yogadarsana-Samiksa.

Name of the Research Degree Holder	Name of the Supervisor	Title of the Thesis
Satyabrata Roy Chowdhuri <i>International Relations</i>	Dr. P. C. Chakravarti	History of the leftist movement in India (1917-47).
Tarapada Chakrabarti <i>Sanskrit</i>	Dr. Ramaranjan Mukherji	Indebtedness of the Alankarika to the Vyakarana.
Rabindu Gupta <i>Bengali</i>	Dr. Devipada Bhattacharyya	Bangadarshaner Lekhokosthi ; Bankim Byatita).
Sm. Kanak Sen <i>Bengali</i>	Dr. Krishnapada Goswami	
Debi Prasad Bhattacharyya <i>Sanskrit</i>	Dr. Gopika Mohan Bhattacharyya	The Navya-Nyaya concept of Vyapti ;with special reference to Gangesa, Raghunath and Jagadisa).
Sm. Sujata Gangopadhyay <i>Sanskrit</i>	Dr. Sitanath Goswami	Aspects of Upanisadic Thoughts with special reference to the Minor Upanisads.
Swaminath Pandey <i>Sanskrit</i>	Dr. Ramaranjan Mukherji	Comparative studies in Greek and Sanskrit Literary Criticism with special reference to Longinus and Anandavardhana.
Chittaranjan Basistha <i>Sanskrit</i>	Dr. Ramaranjan Mukherji	Bhatta-Udbhatta-A Study.
Sm. Shefali Gupta <i>Philosophy</i>	Prof. Kali Krishna Banerjee	Between Scepticism and Rationalism.
Sukdeb Bhowmik <i>Sanskrit</i>	Sri Hemanta Kr. Ganguli	The Theory of Achintya-bheda-beda.

C. Statement of Expenditure towards Research Activities: 1970-71:

I. FACULTY OF ENGINEERING & TECHNOLOGY:

HEAD	AMOUNT
Research expenses out of grant from Glaxo Laboratories for the Department of Pharmacy	890
The Kuljian Research Fellowship	33,09
Research expenses out of grant from the Hoechst Pharmaceutical Ltd. for the Department of Pharmacy	190
Development Consultants Research Fellowship under Dr. R. N. Mukherjee	800
U.G.C. Scheme for utilisation of the service of retired teachers	6,830
U.G.C. Research Fellowship in Engineering	51,600
United States Department of Agriculture—Research Scheme on Fundamental Studies on Reactions of Glucose and Maltose	1,22,700
United States Air Force—Research: Scheme on Study of Interaction of Solar Ionizing Radiations etc. under Dr. J. S. Chatterjee	45,000

HEAD	AMOUNT
Govt. of India, Department of Atomic Energy Scheme on Studies on Biogenesis of Neomycin B under Dr. S. K. Majumder	6,900
Atomic Energy Scheme on Studies on evaluation of irradiated fishery products under Dr. A. N. Bose	2,700
ICAR Scheme on studies on Development and Control of Chemical etc., under Dr. S. K. Mukherjee	9,400
ICAR Scheme on utilisation of microbes on Enzymes etc. under Dr. N. D. Banerjee	5,700
ICAR Scheme on co-ordinated Research project for transportation of fresh fish under Dr. A. N. Bose	4,400
II. FACULTY OF SCIENCE:	
Research expenses out of grant from East India Pharmaceutical Works (under Dr. A. Chatterjee)	2,000
Lalbahai Patel P. G. Research Scholarship	1,350
Expenses out of grant from University Grants Commission for Research Fellowship in Science	1,100
Expenses out of grant from University Grants Commission for Junior Research Fellowship Scheme	27,000
United States Department of Commerce for Research Scheme in Physical Chemistry under Dr. M. N. Das	49,100
Institute of Himalayan Geology—Fellowship in the programme of geological explorations in the Himalayas	4,300
Atomic Energy Scheme on Luminescence Studies on mixed Chelates etc. under Dr. K. K. Rohatgi Mukherjee	1,500
Atomic Energy Scheme on Investigation of Easy Direction of Charged etc. under Dr. Amalendu Choudhury	9,000
III. FACULTY OF ARTS:	
Scheme on population Council Demographic Research Unit	13,200
Expenses out of grant from U.G.C. for Junior Research Fellowship	19,200
Scheme for utilisation of the service of Retired Teachers	23,400
Research expenses out of grant from University Grants Commission—Research Fellowship	11,100
IV. Ad-hoc Research Fellowships Departmental Schemes sponsored by the Council of Scientific and Industrial Research	3,10,480
Total Rs.	7,33,150

Some major areas of Research in the Department of:

Food Technology and Biochemical Engineering:

“Co-ordinated Research Project for Transportation of Fresh Fish”

“Development and Control of Chemical Flavouring Constituents in Fish”.

“Utilisation of Microbes or enzymes therefrom for the fermentative production of fish flour”.

“Studies on biogenesis of Neomycin B” and Investigations on Chemical and Physico Chemical Factors affecting the quality of dehydrated curd”.

Chemistry:

“Luminescence Studies on Mixed Chelates of rare earths”.

Physics:

“Investigation on the Easy-Direction of Charged particles in some Semiconductor-phosphores”.

UNIVERSITY PUBLICATION 1970-71

(Books published):

1. Anviksa, Vol. 4, Part I and Part II
2. Shakespeare's Treatment of His Sources in the Comedies—By Dr. Dinesh Chandra Biswas of the Department of English.
3. Poetry and Truth—By Abu Sayeed Ayub being the first series of Hirendranath Datta Memorial Lectures instituted under the will of Late Sudhindranath Datta.
4. ববীন্দ্রকাব্যে অলঙ্কার by জটাধারী মালাকার।

VISITING LECTURER / PROFESSOR

Name	Dept. where lecture delivered	Topics of lecture
DR. S. KRISHNAN Assistant Director, National Aeronautical Laboratory, Bangalore	Computer Centre	Real Time Computers and Data logging systems.
DR. B. P. BANNERJEE System Manager, McNeil & Berry Ltd. Calcutta	—do—	Operations Research Techniques.
DR. SUBIR CHOUDHURY System Manager, I.C.I., Calcutta	—do—	Management Information System.
PROF. P. K. GHOSH Reader, Mathematics	—do—	Monte Carb Methods.
PROF. S. K. MITRA Head, Computer Division, Indian Statistical Institute Calcutta	—do—	Computer Numericals

Name	Dept. where lecture delivered	Topice of lecture
SHRI S. R. SEN M/s. Kerbs and Cil (India) Pvt. Ltd., Calcutta	Food Technology & Biochemical Engg.	Design Fermenters
SHRI K. C. DE In-Charge, Customers' Service Section, Research Department, Metal Box Co. of India Ltd. Calcutta	—do—	Tin Containers for food
SHRI S. N. MITRA Director, Central Food Laboratory, Calcutta	—do—	Food Laws
SHRI S. N. MAZUMDAR Assistant Manager, (Quality Control) Britania Biscuit Co. Ltd., Calcutta	—do—	Cereal Technology
DR. K. L. MUKHERJEE Institute of Child Health Calcutta	—do—	Human Nutrition
DR. B. PATHAK Saha Institute of Nuclear Physics, University of Calcutta	Physics	Nuclear Physics
SHRI D. C. ROY National Instruments Ltd., Calcutta-32	—do—	Theory of Optical Instrument.

Some Important Co-Curricular and Extra Academic activities of the Students During the Year Under Report

Gandhi Study Centre:

'Martyrs' Day' and 'Communal Harmony Day' were observed by the National Integration Samity of Gandhi Study Centre. On the 'Martyrs Day' there were patriotic songs presented by the members of the University Music Club and Hindi Drama 'Hatya Ek Akar Ki' by Lalit Seghal (based on Gandhi's assassination) presented by the students of the University. On the 'Communal Harmony Day' there were Folk songs presented by Shri Hemanga Biswas and his group and a talk by Sm. Maitryee Debi. Members of the staff both teaching and non-teaching attended the programme.

Photographic Club:

The Photographic Club continued its steady progress and more and more students became associated with it. As usual annual exhibitions were held and prizes on merit were awarded.

Mountaineering Club:

The University Mountaineering Club held its 4th Rock climbing course at Susunia Hills from December 24 to January 4, 1971.

Debating Society and Quiz Forum etc.:

The members of the Debating Society successfully participated in a number of Inter Collegiate and Inter-University debates and other allied activities in and outside the University, stated hereunder:

- (1) Inter-collegiate debate in English organised by Indian Institute of Management, Calcutta on 6th April, 1970. Subject: "There can be no progress with harmony".
 - (a) Simon Lobo. Challenge Shield as the best team:
Participants (1) Shri Jayanta Chatterjee
(2) Shri Santanu Chakravarty
 - (b) 2nd best speaker's prize—Shri Santanu Chakravarty
- (2) Extempore speech competition in Bengali organised by Lenin Centenary Celebration Committee on 14th April, 1970.
Subject—"Sepoy Mutiny—1857"
First Prize—Shri Jayanta Chatterjee

Drama Club:

The drama club as usual kept on its activities like staging an one-act play at the Fresher's Welcome and participating in various one-act play contests.

Music Club:

The Music Club started its training programme by eminent musicians. Interested students availed of this opportunity by duly enrolling themselves. The Music Club had a 'Club day' programme in the Gandhi Bhavan. On this occasion a variety programme was presented by the members of the Club and by some renowned artists of Calcutta.

Art and Literary Society:

The Society sponsored an essay competition in Bengali on the subject "the value of co-operation". A speech contest on the subject was also arranged.

University Film Society:

University Film Society as usual organised some film shows for its members.

Other important celebrations and activities:

- (i) University students participated in Lenin Centenary Celebrations held in the city in April, 1970.

- (ii) A group of 18 students including 8 girls accompanied by two teachers all belonging to the department of Library Science went on an educational tour in December, 1970.
- (iii) A foreign student studying in the university named as Mr. M. Z. Zones (Jordan) won the second prize of Rs. 500/- in cash in the International Essay competition for Overseas Students in India organised by Indian Council for International Cooperation, Delhi. The subject matter of the essay was "Basic bond of friendship between India and my country".

National Cadet Corps. 1970-71

	A	B	C
1. Total number of 1st year students enrolled	238	65	16
2. Number of 2nd and 3rd year cadets who continued their training	172	81	5
3. Number of cadets appeared in "B" and "C" certificate examinations	(Appeared) (Passed) . (Failed)	23 :	2
4. Number of cadets sent to various camps including annual camp.			
(a) Combined Annual Training Camp at Salna		24	
(b) All India Summer Training Camp		3	
(c) All India Non Sainik Camp		1	
(d) Republic Day Camp, Calcutta		17	
(e) Attachment to Air Force Station		1	

National Service Scheme 1970-71:

Students took part in the work connected with (i) Adult Education in Bustee areas, (ii) Week-end Rural project, (iii) First-Aid Training, (iv) Hospital Library Service, (v) Orphan Students Coaching Scheme etc. Different batches of the N.S.S. students attended at the All India Inter-University Camps held at New Delhi, Palamkutai (Tamilnadu), Sevagram, Wardha (M.P.) and Hospet (Mysore) during 1970-71.

REPORT OF THE N.S.O. SCHEME—1970-71

1. Coaching arrangements of the following games were organised:

(a) Football	(d) Athletics
(b) Cricket	(e) Body Building
(c) Hockey	

2. The period of coaching was from December to April.

3. The following coaches were employed on Part-time basis for the various games:

1. Football:	— Sri Pravat Kumar Nath
2. Cricket:	— Sri Kalyan Biswas
3. Hockey:	— Sri Indrajit Singh
4. Athletics:	— Sri Sadhan Ganguli
5. Body Building:	— Sri Subhas Majumder

4. Number of trainees in different games was 125.

Note: The Annual Sports and the Annual Swimming and Gymnastic Competitions could not be conducted on account of sudden death of Prof. Gopal Chandra Sen and abnormal political situation of the city.

HEALTH CENTRE 1970-71

Hereinbelow is the statement of the number of patients (students, staff and family) treated during the session 1970-71.

	Students	Staff & Family	Total
Normal units	.. 2757	768	3525
Specialist units	.. 3613	506	4119
Grand Total	6370	1274	7644

As usual there was preventive inoculation for Typhoid, para-typhoid, small pox etc. on the campus under the auspices of the Health Centre. A costly instrument of Dental Unit was purchased. A programme for periodical check-up of Hygiene and sanitation of Hostels, Canteens and Guest House was undertaken.

Placement and Training of students during the year 1970-71:

Government of India Training	: 301 students
Training during Summer vacation	: 183 students
Placement in different establishments of passed-out students	: 26 students

FOREIGN VISITORS AT THE UNIVERSITY DURING THE PERIOD
UNDER REPORT

Name	Period of visit
MRS. MARIA HLAVACKOVA, Broadcaster, Prague Radio and Czech Indologist	April, 1970
DR. R. M. LEPSIUS, Professor of Sociology, University of Manuheim, West Germany	May, 1970
DR. J. C. MATHEWS, Department of Education, Cartmel College, Bailrigg College, Lancaster, U.K.	May, 1970
DR. B. A. NETSON, Wheaton College, Wheaton III, U.S.A.	May, 1970
DR. RANAVIRA— from Ceylon	May-June, 1970
PROF. J. PETERS, Jr., University of Louvain, Belgium	May, 1970
DR. FERENC MARTA, Vice-Chancellor, Szeged University, Hungary	During 1970 ²⁷ 1
DR. BLAKEBROUGH	July, 1970
PROF. A. JEFFREY, Department of Engg. Mathematics, University of Newcastle-upon-Tyne, U.K.	During 1970-71
DR. JOHN A. TALLMADGE, Professor of Chemical Engineering, Drexel University, Philadelphia	September, 1970
PROF. F. W. LOHR	September, 1970
MRS. A. BANDERENKO	Aug.-Sept., 1970
DR. FRANZ PAWLEK Formerly Dean of Mining and Metallurgy Faculty of Technical University, Berlin	October, 1970
MR. MICHAEL ALAN WINKLER, Lecturer in Bio-Chemical Engineering, University of Surrey, U.K.	November, 1970

(59)

DR. K. M. CHUMAKOV, Senior Scientific Worker, Geological Institute of the Academy of Sciences, U.S.S.R.	November, 1970
DR. (MRS.) M. E. RAABEN, Senior Scientific Worker, Geological Institute of the Academy of Sciences, U.S.S.R.	November, 1970
MR. C. REISER Officer-in-Charge, South Asia Department of German Academic Exchange service	November, 1970
DR. P. O. A. L. DAVIES Institute of Sound and Vibration Research, Southampton University, U.K.	February, 1971
DR. V. I. CHALISHEV, Chief of the Stratigraph and Litology Laboratory, Komi Geological Institute, U. S. S. R.	December, 1970
PROF. OLIVER LACOMBE, Director of the Institute of Indian Curlisation at Sobourne and Head of the Department of Philosophy, University of Paris	January, 1971
MR. G. BETHLENFAVLY, Research Fellow, Hungarian Academy of Sciences, Hungary	Jan.-March, 1971
MR. W. N. EVERITT, Professor of Mathematics, University of Dundee, U.K.	January, 1971
DR. V. PARAIL, Director, Division of International Co-operation in Scientific Research, UNESCO	January, 1971
PROF. BUCKINGHAM Specialist in Computer Science from United Kingdom.	February, 1971

GAMES AND SPORTS : 1970-71

1. The following teams of the University were sent to participate in the Inter-University Tournaments:

	MANAGER
(a) Football at Patna	Sri Dilip Bhattacharjee, Teacher, Physics Department
(b) Cricket at Muzaffarpur	Sri Nripesh Chandra Ghosh, Teacher, Physics Department
(c) Basketball at Bhubaneswar	Sri Ramen Sengupta, Sports Office
(d) Swimming (Men) at Indore	Sri Nripesh Chandra Ghosh, Teacher, Physics Department
(e) Athletics (Men) at Cuttack	Sri Arun Ghosh, Accounts Section
(f) Shooting at Aligarh	Sri Pradip Mitra, Teacher, Mechanical Engineering
(g) Badminton (Men) at Siliguri	Sri Himangshu B. Dey, Teacher, Physics Department
(h) Badminton (Women) at Siliguri	Sm. Gourishree Tarafdar, Teacher, Mathematics Department
(i) Table Tennis (Men) at Benaras	Sri Bimal Chowdhury, Teacher, Metallurgical Engineering
(j) Best Physique & Weight Lifting at Bangalore	Sri Girin Das, Teacher, Mechanical Engineering

2. Captains at the Inter-University teams:

Football	Pinaki Sarkar, V C.E.
Cricket	Abhirup Guha Thakurta, V E.T.C.E.
Basketball	Chandradoy Ghosh, V E.E.
Swimming	Jayanta Mitra, V C.E.
Athletics	Subrata Lahiri, IV E.T.C.E.
Shooting	Pratik Maitra, V Arch.
Badminton (Men)	Bimal Ghosh IV C.E.
Badminton (Women)	Mamata Bose II B.A.
Table Tennis (Men)	Swapn Bose IV C.E.
Best Physique & Weight Lifting	Anjan Das, IV M.E.

3. The following persons were appointed Coach for the University team for different games:

Football	Sri Pravat Kumar Nath, N.I.S.
Cricket	Sri Sivaji Bose, C.A.B. Coach and ex-State Player
Hockey	Sri Indrajit Singh, N.I.S. Trained

4. The following students were awarded "Blues" by the University:

FOOTBALL: (a) Pinaki Sarkar, V C.E.

- (b) Swaraj Bhattacharjee IV C.E.
- (c) Dhruva Kishore Ghosh, I E.E.
- (d) Tapas Bhowmick, I B.A. (Philosophy)
- (e) Manas Dutta, IV Arch.
- (f) Asoke Chowdhury, IV E.E.
- (g) Tushar Bhadra, III M.E.
- (h) Nirmal Das, I B.A.
- (i) Tushar Kanti Bose, V E.T.C.E.
- (j) Tapan Kundu, I Met. Engg.
- (k) Guruprasad Banerjee, I B.A. (Econ.)
- (l) Tridib Laskar, I B.Sc. (Geo.)
- (m) Samarlal Mukherjee, II B.A. (Pol. Sc.)
- (n) Swapn Kumar Mitra, III M.E.
- (o) Milan Kumar Dey, II B.Pharm.
- (p) Swapn Kumar Ghosh, III Ch.E.

CRICKET

1. Abhirup Guha Thakurta, V E.T.C.E.
2. Tushar Neogi, V C.E.
3. Prabir Das Gupta, V C.E.
4. Samiran Mustafi, V E.T.C.E.
5. Amit Das Gupta, V E.E.
6. Ashis Ghosal, V C.E.
7. Arup Barman, V E.E.
8. Sajal Bhadra, I B.A. (Philosophy)
9. Ashoke Chakraborty, IV M.E.
10. Tapas Bhowmick, I B.A. (Philosophy)
11. Dibyasankar Banerjee, IV E.E.
12. Asim Mitra, II C.E.
13. Arunava Mukherjee, III Chem. Engg.
14. Sekhar Chakraborty, I Chem. Engg.
15. Buddhasree Roychoudhuri, III M.E.
16. Pinaki Banerjee, I B.Sc. (Geo.)
17. Paritosh Jana, III E.E.

BADMINTON (Men)

1. Kamal Chandra Mukherjee, II C.E.
2. Tamal Bagchi, I B.Pharm.
3. Sunit Lahiri, III E.E.
4. Bimal Ghosh, V C.E.

BADMINTON
(Women)

1. Kaveri Ghosh, II B.A. (English)
2. Mamata Bose, III B.A. (English)

SWIMMING

1. Jayanta Mitra
2. Ranendra N. Chowdhury
3. Sukanta Bhattacharjee

BEST PHYSIQUE & WEIGHT LIFTING

1. Samir Kumar Das, I E.E.
2. Prabir Majumdar, IV M.E.
3. Anjan Das, IV M.E.
4. Sankar Roychoudhuri, I B.A. (Philosophy)

ATHLETICS (Men)

1. Kanoj Majumdar, II B. Pharm

2. Subrata Lahiri, IV E.T.C.E.

SHOOTING

1. Pratik Maitra, V Arch.
2. Dilip Bhattacharjee, IV Arch.
3. Benoy Pal, IV E.T.C.E.
4. Swapan Guha, IV M.E.
5. Dilip Chakraborty, V Arch.

TABLE TENNIS
(Men)

1. Swapan Bose, IV C.E.
2. Sadhan Dutta, II B.A. (English)
3. Debasish Nandy, IV M.E.
4. Anindya Sengupta, I E.E.

BASKETBALL

1. Chandradoy Ghosh, V E.E.
2. Tapan Sarkar, I Chem. Engg.
3. Monoj Udani, II E.T.C.E.
4. Jayanta Sengupta, I E.T.C.E.
5. Ashim Sen, III Chem. Engg.
6. Shikharesh Majumdar, III E.T.C.E.
7. Tapas Bhowmick, I B.A. (Philosophy)
8. Krishnan Raju, III Chem. Engg.
9. Tilak Bose, II E.E.
10. Ranjit Sengupta, V E.E.

5. The following students were awarded Blazers:

- (a) Sm. Mamata Bose, III B.A.—Badminton
- (b) Sri Pratik Maitra, IV Arch.—Engg.—Shooting
- (c) Sri Dilip Chatterjee, IV Arch. Engg.—Shooting
- (d) Sri Sunit Lahiri, III E.E.—Badminton
- (e) Sri Manas Dutta, IV Arch. Engg.—Hockey & Football
- (f) Sri Ashoke Chowdhury, IV E.E.—Football & Table Tennis
- (g) Sri Tushar Bhadra, III M.E.—Football
- (h) Sri Tushar Kanti Bose, V E.T.C.E.—Football
- (i) Sri Milan De, III B.Pharm.—Football
- (j) Sri Arup Barman, IV E.E.—Cricket & Hockey

6. Inter-class tournaments were conducted in the following games:

Football	Basketball	Hockey
Cricket	Volleyball	Badminton
Chess	Table Tennis	(Men & Women)
	(Men & Women)	

Singles and Doubles events are conducted in Badminton and Table Tennis for both men and women students while only singles event was organised for the Chess game. In the Badminton and Table Tennis Tournaments (Men)—Sri Bimal Ghosh and Sri Asoke Chowdhury and Sadhan Dutta jointly won the University Championship respectively.

8. The University Cricket team had participated in friendly matches on all Sundays and holidays during the winter season. The Tarun Memorial Trophy was played between the Past and Present students. The Past students became the winners. The Football and Hockey teams also played a number of friendly matches.

**STATEMENT OF THE NUMBER OF STUDENTS APPEARED,
PASSED AND PROMOTED AT THE UNIVERSITY EXAMINATION
1970**

Name of Examinations	Annual		Supplementary	
	No. appeared	No. passed & promoted	No. appeared	No. passed & promoted
First Engg. Part I:		(P Pr.)	(P Pr.)	
Mechanical Engg.	63	60 (48 12)	19	19 (19 0)
Electrical Engg.	70	57 (46 11)	30	30 (29 1)
Civil Engg.	39	28 (16 12)	28	28 (27 1)
Elec. & Tele-Com. Engg.	30	28 (21 7)	11	11 (11 0)
Chemical Engg.	45	42 (37 5)	11	11 (11 0)
Preli. Inst. & Elec. Engg.	12	12 (10 2)	3	3 (3 0)
First Engg. (Met) Part I	10	9 (8 1)	2	2 (2 0)
First Architecture Part I	10	8 (3 5)	9	9 (9 0)
Preli. Pharmacy	59	40 (27 13)	37	37 (37 0)
Preli. Food Tech. & Bio-Chem. Engg.	12	12 (8 4)	4	4 (4 0)
First Engg. Part II:				
Mechanical Engg.	71	67 (59 6)	12	12 (12 0)
Electrical Engg.	79	72 (59 13)	23	23 (23 0)
Civil Engg.	53	46 (38 8)	18	18 (18 0)
Elect. & Tele-Com. Engg.	32	24 (19 5)	13	13 (13 0)
Chemical Engg.	49	43 (36 7)	15	15 (14 1)
First Architecture Part II	11	9 (8 1)	4	4 (4 0)
First Engg. (Met.) Part II	14	14 (11 3)	3	3 (3 0)
P.T. Mechanical 1st Year	31	30 (28 2)	4	4 (4 0)
P.T. Electrical 1st year	23	19 (14 5)	10	10 (10 0)
P.T. Civil 1st year	25	25 (17 8)	14	14 (13 1)
Inter Engineering:				
Mechanical Engg.	82	78 (69 9)	14	14 (14 0)
Electrical Engg.	91	76 (64 12)	33	33 (33 0)
Civil Engg.	48	40 (33 7)	17	17 (17 0)
Elec. & Tele-Com. Engg.	29	27 (24 3)	8	8 (7 1)
Chemical Engg.	41	39 (37 2)	15	15 (14 1)
P.T. Mechanical 2nd year	29	28 (23 5)	8	8 (8 0)
P.T. Electrical 2nd year	24	24 (22 2)	2	2 (2 0)
P.T. Civil 2nd year	23	19 (12 7)	15	15 (14 1)
Inter Pharmacy	44	31 (23 8)	22	22 (22 0)
Inter Architecture	15	12 (11 1)	4	4 (4 0)
Inter Metallurgy Engg.	16	12 (7 5)	10	10 (10 0)

(65)

Name of Examinations	Annual		Supplementary	
	No. appeared	No. passed & promoted	No. appeared	No. passed & promoted
Bachelor of Engg. Part I:				
Mechanical Engg.	98	97 (93 4)	4	4 (4 0)
Electrical Engg.	103	97 (97 0)	7	7 (7 0)
Civil Engg.	71	69 (66 3)	6	6 (6 0)
Chemical Engg.	80	69 (68 1)	13	13 (13 0)
Elec. & Tele-Com. Engg.	46	41 (39 2)	6	6 (6 0)
P.T. Mechanical Engg.	36	34 (30 4)	6	6 (5 1)
P.T. Electrical Engg.	26	26 (26 0)		
P.T. Civil Engg.	54	50 (41 9)	13	13 (13 0)
Bachelor of Pharmacy Part I	58	57 (55 2)	3	3 (3 0)
B.Tech. Part I (Food Tech. & Bio-Chem.)	8	8 (8 0)		
B.Tech. Part I (Inst. & Elec. Engg.)	14	13 (13 0)		
Bachelor of Architecture Part I	10	10 (10 0)		
Bachelor of Metallurgy Part I	15	14 (14 0)	1	1 (1 0)
No. of the Examinations	No. appeared	No. passed with Hons, with distn. I Class & II Class	No. appeared	No. passed I Class & II Class
Bachelor of Engg. Final:				
Mechanical Engg.	119	119 (IH-69, I-45, II-4)	1	1 (I-1)
Electrical Engg.	114	114 (IH-54, I-58, II-2)		
Civil Engg.	73	73 (IH-27, I-35, II-11)		
Chemical Engg.	72	71 (IH-17, I-51, II-3)	1	1 (I-1)
Elec. & Tele-Com. Engg.	38	27 (IH-7, I-15, II-5)	11	9 (I-4, II-5)
P.T. Mechanical Engg.	39	39 (ID-1, I-33, II-5)		
P.T. Electrical Engg.	27	27 (ID-1, I-21, II-5)		
P.T. Civil Engg.	95	94 (ID-5, I-72, II-17)	1	1 (I-1)
Bachelor of Pharmacy Final	44	44 (IH-5, I-38, II-1)	1	1 (I-1)
B.Tech. (Instrumentation) Final	15	15 (IH-5, I-10)		
B.Tech. (Food) Final	10	10 (I-7, II-3)		
B. Architecture Final	15	15 (IH-4, I-10, II-1)		
N.B.:				
		IH—First Class with Honours		
		ID—First Class with Distinction		
		I —First Class		
		II —Second Class		

Name of Examinations	Number appeared	No. of candidates passed in the subjects in which he/she/they appeared
Master of Engg. (First Year):		
Mechanical Engineering	.. 16	13
Electrical Engineering	.. 12	10
Civil Engineering	.. 10	8
Chemical Engineering	.. 9	9
Electronics & Tele-Com. Engineering	.. 13	4
Master of Tech. (Food Tech. & Bio-Chem.)		
1st year	.. 4	4
Master of Pharmacy (1st year)	.. 6	5
Master of Engg. (Second Year):		
Mechanical Engineering	.. 13	10 (I-10)
Electrical Engineering	.. 12	9 (I-9)
Civil Engineering	.. 9	8 (I-8)
Chemical Engineering	.. 1	1 (I-1)
Elec. & Tele-Com. Engineering	.. 7	6 (I-6)
M. Tech. (Food Tech. & Bio-Chem.)	.. 4	4 (I-3, II-1)
M. Pharm.	.. 5	5 (I-5)
Master of Engg. (Bi-annual):		
Mechanical Engineering	.. 1	1 (II-1)
Electrical Engineering	.. 1	1 (II-1)
Elec. & Tele-Com. Engineering	.. 1	1 (I-1)
Civil Engineering	.. 2	2 (I-2)
Chemical Engineering	.. 1	1 (I-1)

N. B.: I—First Class : II—Second Class

Examinations	No. appeared annual	No. Passed annual	No. Promoted annual
Preparatory Exam. in Science			
	14	14	(1st Div. 13 2nd Div. 1)
B.Sc. Prel. (Math. Hons.)	.. 24	13	6
B.Sc. Prel. (Physics Hons.)	.. 25	22	3
B.Sc. Prel. (Chemistry Hons.)	.. 17	12	2
B.Sc. Prel. (Geo. Sc. Hons.)	.. 16	11	4

Examinations	No. appeared annual	No. Passed annual	No. Promoted annual
B.Sc. Part I:			
Mathematics (Hons.)	.. 20	17	2
Physics (Hons.)	.. 27	27	—
Chemistry (Hons.)	.. 23	23	—
Geological Science (Hons.)	.. 23	18	3
B.Sc. Final:			
Mathematics (Hons.)	.. 24	23 (I-12, II-11)	
Physics (Hons.)	.. 25	25 (I-14, II-11)	
Chemistry (Hons.)	.. 26	21 (I-10, II-11)	
Geological Science (Hons.)	.. 13	13 (I-2, II-11)	
Mathematics (Special Hons.)	.. 2	1 (II-1)	
Physics (Special Hons.)	.. 3	3 (II-3)	
Chemistry (Special Hons.)	.. 5	3 (II-3)	
B.Sc. Prel. (Home Science)	.. 45	25	7
B.Sc. Part I (")	.. 28	22	5
B.Sc. Final (")	.. 24	23 (I-8, II-15)	
Teachers' Training Diploma Exam.			
in Home Science	.. 4	4 (I-4)	
Certificate Exam. in Home Science	.. 2	1	
Certificate Exam. in Arts in Every-day Life	.. 6	6	
<hr/>			
Examinations	No. appeared	No. passed	

Master of Science Part I:

Mathematics (Applied)	.. 121	117
Physics	.. 33	30
Chemistry	.. 44	33
Applied Geology	.. 2	2

Master of Science Final:

Mathematics (Applied)	.. 96	93 (I-75, II-18)
Mathematics (Old Course)	.. 3	3 (I-1, II-2)
Physics	.. 34	33 (I-19, II-14)
Chemistry	.. 32	30 (I-22, II-8)
Applied Geology	.. 22	22 (I-17, II-5)

Examinations	No. appeared	No. passed
Language Examinations:		
Certificate in German	72	72 (I-61, II-11)
Certificate in French	28	26 (I-18, II-8)
Certificate in Russian	7	7 (I-6, II-1)
Diploma in German	23	22 (I-14, II-8)
Diploma in French	3	3 (I-2, II-1)
Diploma in Russian	4	4 (I-4)
Adv. Diploma in German	5	5 (I-4, II-1)
Adv. Diploma in Russian	1	1 (I-1)
Bachelor of Education	137	132 (I-27, II-105)
P.G. Dip. in Computer Science	6	5 (I-5)
Bachelor of Library Science	33	31 (I-9, II-22)
Corporation Apprentices 1 Year	8	7 1 (promo.)
Corporation Apprentices 2nd Year	8	6 2 (,)
Corporation Apprentices 3rd Year	5	2 3 (,)
Corporation Apprentices 4th Year	6	6
Corporation Apprentices 5th Year	13	13 (P-11, Pd-2)

Examinations	No. appeared annual	No. passed annual	No. promoted annual
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Preparatory Exam. in Arts:

B.A. Part I (English Hons.)	34	34	1
B.A. Part I (Bengali Hons.)	9	8	
B.A. Part I (Sanskrit Hons.)	17	17	
B.A. Part I (History Hons.)	19	19	
B.A. Part I (Philosophy Hons.)	24	24	
B.A. Part I (Com. Litt. Hons.)	1	1	
B.A. Part I (Pol. Sc. Hons.)	30	27	2
B.A. Part I (Economics Hons.)	28	26	2

B.A. Final:

English (Honours)	31	27 (II-22, P-5)
Bengali (Honours)	5	5 (II-5)
Sanskrit (Honours)	19	19 (I-1, II-18)
History (Honours)	18	17 (I-2, II-14, P-1)
Com. Litt. (Honours)	2	2 (II-1, P-1)
Pol. Science (Honours)	27	25 (I-1, II-20, P-4)
Economics (Honours)	26	24 (I-2, II-19, P-3)
Philosophy (Honours)	15	15 (I-2, II-11, P-2)

	No. appeared annual	No. passed annual	No. promoted annual
Com. Litt. (Special Hons.)	1	1 (II-1)	
Economics (Special Hons.)	1	1 (II-1)	
M.A. Part I:			
Mathematics	1	1	
M.A. Final:			
Mathematics	2	2 (II-2)	
English	88	83 (II-83)	
Bengali	71	66 (I-1, II-65)	
Sanskrit	64	64 (I-7, II-57)	
History	74	72 (I-2, II-70)	
Philosophy	53	45 (I-1, II-44)	
Economics	53	45 (I-4, II-41)	
International Relations	25	16 (II-16)	
Comperative Literature	19	13 (II-13)	

Preparatory Supple. Exam. in Arts:

B.A. Part I Suppl. Exam. in Economics	2	2
B.A. Part I Suppl. Exam. in Pol. Sc.	1	1
B.Sc. Prel. Suppl. Exam. in Math. (Hons)	4	4
B.Sc. Prel. Suppl. Examination in Physics (Hons)	3	3
B.Sc. Prel. Suppl. Examination in Chemistry (Hons)	2	2
B.Sc. Prel. Suppl. Examination in Geo. Science (Hons)	3	3
B.Sc. Part I Suppl. Examination in Geo. Science (Hons)	3	3
B.Sc. Prel. Suppl. Examination in Home Science	8	7
B.Sc. Part I Suppl. Examination in Home Science	5	5

CONVOCATION

The Annual Convocation, 1970 was held on July 4, 1971. The Convocation address was given by Professor Sudhir Kumar Cnakravarty, Acting Chancellor of the University. Degrees were conferred on 2118 students of them 55 were for Doctors', 1000 were for Masters' and 1063 were for Bachelor degrees.

Number of recipients of Degrees	1970
Doctor of Philosophy in Engineering	10
Doctor of Philosophy in Science	32
Doctor of Philosophy in Arts	13
Master of Chemical Engineering	2
Master of Civil Engineering	10
Master of Electrical Engineering	10
Master of Electronics & Tele-Communication Engg.	7
Master of Mechanical Engineering	11
Master of Pharmacy	5
Master of Technology in Food Technology and Biochemacal Engineering	4
Master of Science (Applied Mathematics)	95
Master of Science (Mathematics—Old Course)	3
Master of Science (Physics)	33
Master of Science (Chemistry)	29
Master of Science (Applied Geology)	17
Master of Arts (English)	75
Master of Arts (Bengali)	63
Master of Arts (Sanskrit)	63
Master of Arts (Philosophy)	45
Master of Arts (Economics)	45
Master of Arts (History)	69
Master of Arts (International Relations)	16
Master of Arts (Comparative Literature)	11
Bachelor of Science (Mathematics Honours)	23
Bachelor of Science (Physics Honours)	25
Bachelor of Science (Chemistry Honours)	21
Bachelor of Science (Geological Science Honours)	13
Bachelor of Science (Home Science)	23
Bachelor of Arts (English Honours)	22 + 5 (Pass)
Bachelor of Arts (Bengali Honours)	5
Bachelor of Arts (Sanskrit Honours)	19
Bachelor of Arts Philosophy Honours)	13 + 2 (Pass)
Bachelor of Arts (Economics Honours)	21 + 3 (Pass)
Bachelor of Arts (History Honours)	16 + 1 (Pass)
Bachelor of Arts (Political Science Honours)	21 + 4 (Pass)
Bachelor of Arts (Comparative Literature Honours)	1 + 1 (Pass)
Bachelor of Education	132
Bachelor of Library Science	31
Bachelor of Chemical Engineering	72
Bachelor of Electrical Engineering	141

Bachelor of Electronics & Tele-Communication Engg.	36
Bachelor of Mechanical Engineering	159
Bachelor of Civil Engineering	168
Bachelor of Architecture	15
Bachelor of Pharmacy	45
Bachelor of Technology in Food Technology & Biochemical Engineering	10
Bachelor Technology in Instrumentation & Electronics Engineering	15

AWARD OF MEDALS

(Annual Convocation—1970)

1. **University Medal:**
for standing First at the Master of Chemical Engineering Examination.
Awarded to—Jyotirmoy Basu
2. **University Medal:**
for standing First at the Master of Electrical Engineering Examination.
Awarded to—Shyamal Kumar Mazumdar
3. **University Medal:**
for standing First at the Master of Electronics and Telecommunication Engineering Examination.
Awarded to—Pradip Kumar Das
4. **University Medal:**
for standing First at the Master of Mechanical Engineering Examination.
Awarded to—Dhananjay Kumar Pal
5. **University Medal:**
for standing First at the Master of Civil Engineering Examination.
Awarded to—Rabindranath Bhattacharyya
6. **University Medal:**
for standing First at the Master of Technology (Food Technology & Biochemical Engineering) Examination.
Awarded to—Madhusudan Bandyopadhyay
7. **University Medal:**
for standing First at the Master of Pharmacy Examination.
Awarded to—Sankar Das
8. (i) **S. N. Bando. Memorial Gold Medal:**
donated by Sri Bansi Binode Bandyopadhyaya, alumnus, in memory of his father, Sri S. N. Bando., also an alumnus, for securing the highest aggregate of marks among all the courses of the Master of Science Examination.
- (ii) **D. N. Dutta of Southern Avenue Memorial Gold Medal:**
donated by Sm. Mrinmayee Dutta in memory of her husband, D. N. Dutta of Southern Avenue, for securing the highest aggregate of marks among all the courses of the Master of Science Examination.

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- (iii) **Dr. Sudhansu Kumar Banerji Memorial Gold Medal:**
donated by Mrs. Amiya Banerji in memory of her husband, Dr. Sudhansu Kumar Banerji, for securing the highest maximum aggregate marks at the postgraduate examination in Mathematics.
Awarded to—Raicharan Jana
9. **University Medal:**
for standing First in Physics at the Master of Science Examination.
Awarded to—Animesh Ray
10. **Prof. S. N. Bose 70th Birth Anniversary Commemoration Medal (Silver)**
donated by Dr. Syamadas Chatterjee, ex-Professor and Head of the Department of Physics, Jadavpur University, for securing the highest marks in theoretical paper in Physics at the Master of Science Examination.
Awarded to—Jayati Mukhopadhyay
11. **D. M. Bose Seventieth Birth Commemoration Medal (Silver):**
endowed by Dr. Syamadas Chatterjee, ex-Professor and Head of the Department of Physics, Jadavpur University, for the student standing First in the special papers "Nuclear Physics" and "Cosmic Rays" (Theoretical and Practical) at the Master of Science Examination.
Awarded to—Pramathanath Patra
12. **University Medal:**
for standing First in Chemistry at the Master of Science Examination.
Awarded to—Dilip Kumar Ghorai
13. (i) **University Medal:**
for standing First in Applied Geology at the Master of Science Examination.
- (ii) **Pramatha Nath Bose Memorial Medal (Silver):**
donated by Lady Protima Mitter for standing First in Applied Geology at the Master of Science Examination.
Awarded to—Sibendu Chaudhuri (2)
14. **T. N. Deb Memorial Medal (Silver):**
donated by Dr. S. Deb, ex-Professor and Head of the Department of Geological Sciences, Jadavpur University for the student standing First in the paper "Metallic Minerals" at the Master of Science Examination in Applied Geology.
Awarded to—Kalyan Sarkar
15. (i) **University Medal:**
for standing First in Sanskrit at the Master of Arts Examination.
- (ii) **Satish Chandra De Gold Medal:**
endowed by Dr. Sushil Kumar De in memory of his father,

Satish Chandra De, for the student standing First in the First Class securing the highest aggregate of marks among all the courses of the Master of Arts Examination.

(iii) **Manindra Memorial Silver Medal:**

donated by the teachers on the Faculty of Arts, Jadavpur University, in memory of Manindra Kishore Chakraborty, who was a Lecturer in the Department of Sanskrit, for the student securing the highest marks in the Master of Arts Examination in Sanskrit in Paper I.

Awarded to—Biswanath Mukhopadhyay (3)

16. **University Medal:**
for standing First in Philosophy at the Master of Arts Examination.
Awarded to—Angelika Pathak
17. **University Medal:**
for standing First in History at the Master of Arts Examination.
Awarded to—Gautam Bhadra
18. **Prithwis Chandra Chakravarti Memorial Medal (Gold Centered):**
endowed by Mrs. Chakravarti in memory of her husband, Dr. Prithwis Chandra Chakravarti, ex-Professor and Head of the Department of International Relations, Jadavpur University, for the student standing First in International Relations at the Master of Arts Examination.
Awarded to—Vardhini Ramakrishnan
19. **University Medal:**
for standing First in Economics at the Master of Arts Examination.
Awarded to—Madhumita Roy
20. **Narendra Nath Bhattacharyya Memorial Medal (Silver):**
donated by the teachers of the Faculty of Arts, Jadavpur University, in memory of Narendra Nath Bhattacharyya, who was a Lecturer in the Department of Comparative Literature, for the student securing the highest marks at Master of Arts Examination in Comparative Literature in Paper I.
Awarded to—Sibani Sinha
21. **Puspa Ray Gold Medal:**
endowed by Sri Bonbehari Roy, an alumnus, for securing the highest marks in the First Class among the girl students among all the courses of the Master of Arts Examination.
Awarded to—Angelika Pathak
22. **Hirendra Nath Datta Memorial Gold Medal:**
endowed by the sons of late H. N. Datta in pursuance of the pious wishes of their elder brother, Sri Sudhindra Nath Datta, for the student standing First in Paper III at the Master of

Arts Examination in Comparative Literature.
Awarded to—Sibani Sinha

23. **Sipra Burmanray Silver Medal:**
endowed by Sri P. C. Burmanray in memory of his daughter Sm. Sipra Burmanray, who was a student of P. G. History 1st year class of the University in the session 1967-68 for securing the highest marks in the subject "Russian History" at the Master of Arts Examination in History.
Awarded to—Asutosh Mukhopadhyay
24. **University Medal:**
for standing First in Mathematics at the Bachelor of Science Examination.
Awarded to—Shyama Kumar Bhattacharyya
25. (i) **University Medal:**
for standing First in Physics at the Bachelor of Science Examination.
- (ii) **Sibapriya Chatterjee Memorial Medal (Gold Centered):**
donated by Dr. Syamadas Chatterjee, ex-Professor and Head of the Department of Physics, Jadavpur University, in memory of his father, Sibapriya Chatterjee, for the student standing First in Physics at the Bachelor of Science Examination.
Awarded to—Abhijit Majumdar (2)
26. **University Medal:**
for standing First in Chemistry at Bachelor of Science Examination.
Awarded to—Kumardev Bose
27. (i) **University Medal:**
for standing First in Geological Sciences at the Bachelor of Science Examination.
- (ii) **Pramatha Nath Bose Bronze Medal:**
endowed by Lady Protima Mitter in memory of her father, Mr. Pramatha Nath Bose, the First Rector of the National Council of Education, Bengal, for the student standing First in Geological Sciences at the Bachelor of Science Examination.
Awarded to—Ajay Kumar Misra (2)
28. **University Medal:**
for standing First in Home Science at the Bachelor of Science Examination.
Awarded to—Radha Iyer
Shobhana Radhakrishnan
29. (i) **University Medal:**
for standing First in Philosophy at the Bachelor of Arts Examination.

- (ii) **Saraju Bhowmic Memorial Medal (Silver):**
donated by Sm. Arati Das in memory of her mother, Mrs. Saraju Bhowmic, for securing the highest marks at the Bachelor of Arts Final Examinations amongst all girl students.
Awarded to—Ratna Das Gupta (2)
30. **University Medal:**
for standing First in Economics at the Bachelor of Arts Examination.
Awarded to—Prabir Kumar Dhar
31. (i) **University Medal:**
for standing First at the Bachelor of Library Science Examination.
- (ii) **Himani Ghosh Medal (Gold Centered):**
donated by Sri Phani Bhusan Roy for the student standing First and securing highest number of marks at the Bachelor of Library Science Examination.
Awarded to—Anusua Sen (2)
32. **University Medal:**
for standing First in Sanskrit at the Bachelor of Arts Examination.
Awarded to—Indrani Das
33. **University Medal:**
for standing First in Political Science at the Bachelor of Arts Examination.
Awarded to—Madhabi Choudhury
34. **University Medal:**
for standing First in History at the Bachelor of Arts Examination.
Awarded to—Shivaji Rakshit
35. **University Medal:**
for standing First in the Bachelor of Education Examination.
Awarded to—Murari Mohan Bhattacharyya
36. (i) **University Medal:**
for standing First in Chemical Engineering at the Bachelor of Engineering Examination.
- (ii) **Jayendra Krishna Medal (Silver):**
endowed by late Dr. Benoy Kumar Sarkar for the student standing First in Chemical Engineering at the Bachelor of Engineering Examination.
Awarded to—Rajib Mukherjee (2)
37. (i) **University Medal:**
for standing First in Mechanical Engineering at the Bachelor of Engineering Examination.

- (ii) **Srish Chandra Bir Pratap Medal (Silver):**
endowed by Mr. B. C. Das Gupta for the student standing First in Mechanical Engineering at the Bachelor of Engineering Examination.
Awarded to—Amiya Sankar Aditya (2)
38. (i) **Arun Kumar Bandyopadhyay Memorial Medal (Silver):**
endowed by the Final Year Engineering students of the session 1956-57 for the student securing the second highest aggregate of marks among all the courses of the Bachelor of Engineering Examination.
- (ii) **M. N. Chakraborty Memorial Medal (Silver):**
endowed by M. N. Chakraborty Memorial Committee for the graduate of the year, who has secured the highest percentage of aggregate marks at the Intermediate Engineering Examination.
Awarded to—Mantu Chandra Bhowal (2)
(Civil Engg.)
39. (i) **University Medal:**
for standing First in Electronics & Tele-Communication Engineering at the Bachelor of Engineering Examination.
- (ii) **Uma Rani Ghosh Medal (Silver):**
endowed by Sri S. K. Ghosh, an alumnus of 1956, for the graduate securing the highest marks in the paper "Industrial Electronics and Servo-Mechanism" at the Bachelor of Engineering Final Examination in Electronics & Tele-Communication Engineering.
- (iii) **Kiron Chandra Roy Memorial Medal (Silver):**
donated by Sri Sasanka Sekhar Bagchi for the student standing First in Electronics and Tele-Communication Engineering at the Bachelor of Engineering Examination.
Awarded to—Gopa Dutta (3)
40. **T. P. Saha Gold Medal:**
endowed by Sm. Sanjukta Saha in memory of her husband Sri T. P. Saha for securing the highest total marks in the theoretical papers at the Bachelor of Electronics & Tele-Communication Engineering Final Examination.
Awarded to—Rupendranath Chattopadhyay
41. (i) **University Medal:**
for standing First in Civil Engineering at the Bachelor of Engineering Examination.
- (ii) **S. N. Bando. Memorial Gold Medal:**
donated by Sri Bansi Benode Bandopadhyay, an alumnus, in memory of his father, Sri S. N. Bando., also an alumnus, for the student standing First in Civil Engineering at the Bachelor of Engineering Examination.

(iii) Benoy Sarkar Memorial Gold Medal:

donated by Dr. Triguna Sen in memory of Dr. Benoy Kumar Sarkar for the student securing the highest aggregate of marks among all the courses of the Bachelor of Engg. Examination.

(iv) Dr. B. C. Roy Gold Medal:

endowed by the trustees of Maharashtra Niwas Trust, Calcutta, in memory of Dr. Bidhan Chandra Roy for the student securing the highest aggregate of marks among all the courses of the Bachelor of Engineering Examination.

Awarded to—Abhijit Das Gupta (4)
(Civil Engg.)

42. Sarada Medal (Gold Centered):

endowed by Sri D. Sen Gupta in memory of his father, Sri Sarada Prasanna Sen Gupta, for the student securing the highest marks in the special paper "Public Health" at the Bachelor of Engineering Final Examination in Civil Engineering.

Awarded to—Prakash Chowdhury

43. Sudhakar Barman Smriti Medal (Silver):

endowed by Sri Kartick Chandra Barman in memory of his son, Sudhakar, an ex-student of the College of Engineering & Technology, Bengal, for the student standing First in the paper "Industrial Chemistry II" at the Bachelor of Chemical Engineering Examination.

Awarded to—Tarunkumar Mukhopadhyay

44. University Medal:

for standing First at the Bachelor of Technology (in Instrumentation & Electronics Engineering) Final Examination.

Awarded to—Chandi Das Sinha

45. University Medal:

for standing First at the Bachelor of Technology (in Food Technology & Biochemical Engineering) Final Examination.

Awarded to—Amares Kumar Mitra

46. (i) University Medal:

for standing First at the Bachelor of Pharmacy Examination.

(ii) Premananda Das Memorial Medal (Gold Centered):

donated by Sri Ranjit Das, an alumnus, in memory of his father, Premananda Das, also an ex-student of the National Council of Education, Bengal, for the student standing First at the Bachelor of Pharmacy Examination.

Awarded to—Dhananjoy Pal (2)

(i) University Medal:

for standing First in Electrical Engineering at the Bachelor of Engineering Examination.

(ii) Ashoke Memorial Medal (Silver):

endowed by late Mr. Pramatha Nath Bose for the student

standing First in Electrical Engineering at the Bachelor of Engineering Examination.

(iii) Subodh Kumar Basu Medal (Silver):

endowed by Sm. Abha Basu in memory of her husband Sri Subodh Kumar Basu, ex-student of the College of Engineering & Technology, Bengal for the student securing the highest marks in Electrical Engineering Laboratory (sessional) work during the final and pre-final year classes plus the practical examination papers of the Electrical Engineering Degree Examination.

Awarded to—Bishnu Kumar Agarwala (3)

48. University Medal:

for standing first at the Bachelor of Architecture Examination.

Awarded to—Ramendranarayan De

49. (i) Alumni Association Medal (Gold Centered):

donated by the Alumni Association, National Council of Education, Bengal, Jadavpur University to commemorate the election of Dr. Triguna Sen, an alumnus, as Mayor of Calcutta Corporation in 1957 for the best all-round graduate of the year.

(ii) Purna Chandra Laha Memorial Medal (Silver):

endowed by Sri S. K. Laha for the best all-round graduate of the University.

Awarded to—Sekhar Kumar Datta (2)

50. Barindra Memorial Medal (Silver):

donated by Prof. Hem Chandra Guha in memory of his son, Barindra, for the student standing First in the papers "Power Systems I and Power Systems II" combined.

Awarded to—Gopal Banerjee

51. Jyotischandra Maitra Memorial Silver Medal:

endowed by Sri Manas Kumar Maitra, an alumnus '56 in memory of his father, Sri Jyotischandra Maitra, for the student securing highest marks in all the Engineering Mechanics subjects (viz., Engineering Mechanics, Strength of Materials I and II, Theory of Machines, Theory of Machine Elements I and II).

Awarded to—Basudeb Saha

52. S. M. Bose Gold Medal:

endowed by Mrs. P. Bose widow of late S. M. Bose an alumnus, for the student securing the highest marks in the paper "Machine Tools" in the Final Examination of the Bachelor of Mechanical Engineering degree course.

Awarded to: (1) Biswanath Mondal
(2) Satish Agrawal
(3) Basudeb Saha
(4) Aloke Chakravarti

GENERAL INFORMATION REGARDING AFFILIATED COLLEGE
SHRIMATI JAWAHARI DEVI BIRLA INSTITUTE OF
HOME SCIENCE—1970-71

(Annexe)

11, Lower Rawdon Street, Calcutta-20

Registered Office	:	108-109, Southern Avenue, Calcutta-29
Year of foundation	:	1962
Year of affiliation	:	Probationally in September, 1963 and final affiliation in July, 1964.
Name of the Principal	:	Sm. Bani Sen
College meant for	:	Women students only
Management	:	Private unaided
Type of Institution	:	Home Science Institute
Name of Courses of study	:	(a) 3-year Under-graduate course leading to Bachelor of Science Degree (Hons.) in Home Science of Jadavpur University.
		(b) 1-year Certificate Course in Home Science.
		(c) 1-year Certificate Course in Art in Every-day life.
		(d) 1-year Diploma Course in Teachers' Training in Home Science.
Student strength	:	(a) B.Sc. (Hons. Home Science)
		1st year 53 students
		2nd year 32 "
		3rd year 28 "
		—————
		113 "
		(b) Certificate in Arts in every-day life 31
		(c) Certificate in Art in every-day life 21
		—————
		52
		(d) Teachers' Training Dip. in Home Science 5

TOTAL: 170 students

(81)

Number of books at the beginning of the year under report	:	1225
Total number of books at the end of the year	:	1286
Number of books added during the year	:	61
Number of staff strength (Teaching) (Principal+ 1 Laboratory Assistant included)	:	23
Total amount of expenditure:		Rs. 1,92,071.52P

MISCELLANEOUS

Dr. T. Sen, Chancellor resigned from his office of Chancellorship with effect from 25. 4. 70 and Hon'ble Mr. Justice Arun Kumar Mukherjee, a member of the University was appointed to exercise the powers and perform the duties of Chancellor.

Dr. Pratul Chandra Gupta, Dean of the Faculty of Arts was appointed to exercise the powers and perform the duties of the Vice-Chancellor in the absence on leave of Prof. H. C. Guha for the period from 19. 5. 70 to 17. 7. 70.

Dr. Ramaranjan Mukherjee, Professor and Head of the Department of Sanskrit was granted leave without pay for 1 year with lien on his post from 7. 3. 70 to enable him to accept the office of the Vice-Chancellor of the University of Burdwan.

Following the murder of a student in one of the hostels on the campus the University suffered a closure from 2. 5. 70 to 28. 5. 70 and a battalion of Central Reserve Police (C.R.P.) was stationed on the Campus.

The University took up Associate membership of the Indian Institute of Foreign Trade, H-24, Green Park extension, New Delhi-16, on an annual subscription of the sum of Rs. 100/- per annum.

As per recommendation of a Sub-Committee constituted by the University Working Council, vide resolution no. 14 of the Working Council meeting held on 29. 1. 70 warm uniforms were supplied to some categories of staff e.g. Darwans, Pump attendants, Motor Transport Drivers, Sweepers, Males etc., and henceforth they would receive new set of uniforms each year on replacement of old ones.

As per resolution No. 19, of the Working Council meeting held on 11. 7. 70 a special leave on full pay for 229 days was granted to Shri Basudev Ghosh who sustained severe neuralgic injury caused by an electric shock while on duty.

The report of the SINHA COMMITTEE was considered in the University meeting item by item and the following resolutions inter-alia, were adopted by the University:

1. Pending an objective study as to the nature of the job and responsibilities of office staff existing ratios of Junior Assistants and Senior Assistants shall continue.

2. Two-thirds of the posts in the ministerial, technical and sub-staff cadre shall be filled by promotion from among existing staff on the basis of merit-cum-seniority and one third of such posts shall be filled solely on the basis of merit.
3. A system of rotational transfer shall be introduced among posts of similar nature and no employee should work in a section for more than 5 years except under special circumstances.
4. In case of future vacancies the sons, unmarried daughters and other relations having obligation to support the members of a deceased employee of the university shall be given preference.

Over an incident of explosion of some crackers in front of the administrative building of the university on 24. 7. 70 the C.R.P. as stationed on the campus made an indiscriminate lathi charge on the students and employees of the university as a result of which some of them sustained severe injuries. This became a public issue with front page headlines in the newspaper, local bundhs and subsequent roar in the Lok Sabha. The acting Vice-Chancellor ordered a withdrawal of the C.R.P. from the Campus. The University appointed a Sub-Committee to examine the extent of injury of the concerned employees for purpose of appropriate compensation.

Following measures were adopted to ameliorate the distressed condition of the students and the staff caused by heavy flood.

- (i) Exemption from examination fees of the affected students appearing at the examinations of 1971.
- (ii) Remission of Tuition fees of the affected students.
- (iii) A flood advance to each affected staff amounting to the equivalent sum of basic pay or Rs. 250/- in case the basic pay is higher than it.

Dr. Anil Kumar Majumder, Vice-Chancellor, went on leave from 18. 1. 71 to 5. 2. 71 on account of his daughter's marriage and again on medical leave from 7. 3. 71 to 14. 4. 71. During this period of leave Prof. Dharendra Kumar Deb, Dean of Faculty of Engineering was requested to carry on the duties of Vice-Chancellor.

Given below are the names of different Committees appointed during 1970-71:

1. A Committee was constituted to consider the question of revising the scale of pay for the Estate Assistants.
2. A sub-committee was constituted to draw up a report on the basis of different observations received from the members of the Committee popularly known as "Sinha Committee" as earlier formed under the Chairmanship of the University member Sri Provat Kumar Sinha for betterment of service condition of the non-teaching employees of the University on the basis of the proposals put forward by the Jadavpur University Karmachari Samsad.

3. A Committee was formed to frame Promotion Rules for non-teaching posts.
4. A Committee was formed to undertake an objective study into the nature of job and responsibilities of all posts of Junior Assistants and equivalent posts.
5. A Committee was formed to frame the terms and conditions of appointment, qualification and working hours for the specialists to be appointed for the Health Centre.
6. A Committee was constituted to examine in details the extent of loss sustained by some members of the staff as a result of the Central Reserve Police (C.R.P.) atrocities on 24. 7. 70 and to submit a report thereon as to the compensations of the affecting persons.
7. A Committee was formed to extend the rules prescribed for granting uniforms to some more categories of subordinate staff and to improve the qualities of warm garments already granted in favour of some categories of staff.

UNIVERSITY DEGREE HOLDERS

1970

DOCTOR OF PHILOSOPHY (Engineering)

1. Prakash Chandra Kejariwal
2. Om Prakash Rustogi
3. Sukumar Dutta
4. Madhusudan Bhattacharyya
5. Manish Kumar Mukhopadhaya
6. Kumudeshwar Das
7. Jai Chandra Mishra
8. Raghunath Dhar
9. Iswara Iyer Radhakrishnan

DOCTOR OF PHILOSOPHY (Pharmacy)

1. Bakul Bhaduri

DOCTOR OF PHILOSOPHY (Science)

1. Saramma Alexander
2. Gouri Bhowal (nee Sikdar)
3. Amrita Lal De
4. Animesh Kumar Rakshit
5. Hari Sankar Chakraborty
6. Santi Dhan Nandi
7. Birendrakumar Mitra
8. Arun Kumar Mukhopadhyay
9. Chanchal Kumar Pal
10. Alak Chakrabarti
11. Sudhindra Kumar Biswas
12. Dilipranjan Ray
13. Jharna Roy

14. Harachan De
15. Alagu Thirumalai Shanmugan
16. Debabrata Jana
17. Jogendra Singh
18. Krishnadas Ray Chaudhury
19. Brajagopal Hazra
20. Gopinath Sarkar
21. Ajay Lal Mukhopadhyay
22. Kushalendu Goswami
23. Arunkumar Gupta
24. Amarnath Maitra
25. Abha Ghoshal (nee Mukhopadhyay)
26. Jagadishchandra Misra
27. Sukumar Basu Mallik
28. Subhendu Chaudhuri
29. S. Parthasarathi
30. Ajoy Kumar Mukhopadhyay
31. Saurindra Nath Upadhyay
32. Swadesh Priya Sanyal

DOCTOR OF PHILOSOPHY (Arts)

1. Mirza Nasir Ali
2. Subhendusekhar Mukhopadhyay
3. Haladhar De
4. Satyabrata Raychaudhuri
5. Tarapada Chakrabarti
6. Rabindu Gupta
7. Kanak Sen
8. Debiprasad Bhattacharya
9. Sujata Gangopadhyay
10. Swaminath Pandey
11. Chittaranjan Basistha
12. Sephali Gupta
13. Shukdev Bhowmik

MASTER OF ENGINEERING (Chemical Engineering)

FIRST CLASS (In order of merit)

1. Jyotirmoy Basu
2. Subhra Chakravarty (nee Maitra)

Electrical Engineering

FIRST CLASS (In order of merit)

1. Shyamal Kumar Mazumdar
2. Dipak Bhattacharya
3. Sanoj Kumar Pal
4. Rajat Kumar Mukhopadhyay
5. Sujit Mukherjee
6. Nirmal Chandra Das
7. Basudeb Saha
8. Ranjit Kumar Biswas
9. Manis Kumar Dasgupta

SECOND CLASS (in order of merit)

10. Prasun Kumar Chakravarti

Electronics & Tele-Communication Engineering

FIRST CLASS (In order of merit)

1. Pradip Kumar Das
2. Samir Kumar Sarkar
3. Geetimala Basu
4. Sudhir Kumar Bhatia
5. Onkar Prasad Shrivastava
6. Ram Nandan Singh
7. Anup Kumar Bandyopadhyay

Mechanical Engineering

FIRST CLASS (In order of merit)

1. Dhananjoy Kumar Pal
2. Aniruddha Das
3. Manabendra Nath Pal
4. Ardhendu Bhattacharyya
5. Dilip Kumar Indra
6. Monoj Maitra
7. Amitava Shyam Choudhury
8. Barendra Nath Giri
9. Chitta Ranjan Adhikary
10. Barunendra Nath Banerjee

SECOND CLASS (In order of merit)

11. Manick Lal Dutta

Civil Engineering

FIRST CLASS (In order of merit)

1. Rabindranath Bhattacharyya
2. Gautam Gangopadhyay
3. Samir Chakrabarti
4. Amit Basu
5. Asim Kumar Mukhopadhyay
6. Amal Kanti Misra
7. Biswanath Datta
8. Chitta Ranjan Pal
9. Nanda Kumar Sen
10. Chandidas Chakraborty

Pharmacy

FIRST CLASS (In order of merit)

1. Sankar Das
2. John Joseph Victor De Souza
3. Sanat Kumar Basu
4. Prabir Das
5. Pranab Kumar Guha

MASTER OF TECHNOLOGY

Food Technology & Bio-Chemical Engineering

FIRST CLASS (In order of merit)

1. Madhusudan Bandyopadhyay
2. Rajat Kanti Baisya
3. Sankar Chandra Nandi

SECOND CLASS (In order of merit)

4. Suraj Kumar Ram

MASTER OF SCIENCE

Applied Mathematics

FIRST CLASS (In order of merit)

1. Raicharan Jana
2. Bipin Chandra Santra
3. Pratul Chandra Bhattacharyya
4. Swapankumar Sarkar

5. { Rita Chanda
Asit Kumar Chakraborty
Kanai Lal Maiti
8. Deb Kumar De
9. Muhammad Tarif Hossain
10. Narendra Nath Guin
11. Gopal Chandra Ash
12. { Md. Akkash Mollah
Jayantakumar Jana
Deba Prasad Chakraborty
15. Asit Kumar Panja
16. Priya Brata Chattopadhyay
17. Ajit Prasad Chel
18. Bijay Gopal Sarkar
19. Deb Kumar Ray
20. Jharna Dutta (Munsi)
21. Kena Ram Garain
22. Rabindra Nath Dhara
23. Maya Biswas
24. { Madan Mohan Garai
Timir Kumar Basu
26. Subhendu Nath Dhar
27. Trigunatit Chattopadhyay
28. { Sunil Kumar Chakrabarti
Pranabes Jana
30. Bhabani Ranjan Ray
31. { Rita Chowdhury (nee Banerjee)
Hirendra Sankar Bhattacharyya
33. { Subrata Choudhury
Anirudha Rai "Arbind"
35. Ajit Kumar Chaudhuri
36. Kanchanlal Majumdar
37. Braja Nandan Singh
38. Chittaranjan Biswas
39. Srikrishnacharan Chanda
40. Asok Kumar Nag
41. { Mrinmoy Kumar Guha
Sankar Das
Tapas Ranjan Roy
44. Manik Lal Bhattacharya
45. Meer Golam Qader
46. Mihir Kanti Saha
47. { Anima Bhattacharyya
Narendra Kumar Singh
49. Himansu Kumar Mitra
50. Gopal Chandra Adhikari
51. Anil Chandra Mandal
52. { Dipak Kumar Mahuri
Bhabatosh Das
54. Indranath Bandyopadhyaya
55. Rasamoy Swar
56. Balaram Rakshit
57. Ranjit Kumar Acharya
58. Jibankrishna De
59. { Hirendranath Patra
Bijan Kumar Mitra
61. Shekhar Nath Mukhopadhaya
62. Dhirendra Nath Ghosal
63. { Balaram Debnath
Kamalaksha Goswami
65. { Kashinath Das
Somes Chandra Chakrabarti
67. Prafulla Kumar Jana
68. Supta Ghosh
69. { Syamapada Acharya
Susanta Roy

71. | Ambarendu Narayan Mukhopadhyay
Debabrata Giri
73. | Ramaprosad Bandyopadhaya
Urmi Bhattacharjee
Buddhadeb Mukherjee

SECOND CLASS
(In order of merit)

76. Bansidhar Behera
77. | Lakshmanchandra Ghosh
Jaminiranjan Paramanick
Nirmal Chandra Ghosh
80. Nimai Chand Kukri
81. Subhas Chandra Haldar
82. Tirthankar Srimani
83. Biswanath Mandal
84. Tushar Kanti Ghosh
85. Sk. Ansar Ali
86. Arvind Chanchani
87. Dipak Kumar Biswas
88. Amarendra Nath Belel
89. Shyamal Ranjan Das
90. | Jaydeb Bhattacharjee
Akhtar Hossain Khan
92. Brajaranjan Chattopadhyay
93. Mihir Chandra Sen Gupta
94. Balaram Biswas
95. Gopa Saha

Mathematics (Old Course)

FIRST CLASS
(In order of merit)

1. Subodh Kumar Mondal

SECOND CLASS
(In order of merit)

2. Sankar Lal Mazumder
3. Ajit Kumar De

Physics

FIRST CLASS
(In order of merit)

1. Animesh Ray
2. Santonu Pal
3. Jayati Mukhopadhyay
4. Gautam Das Gupta
5. Amalendu Purkait
6. Pramathanath Patra
7. Rabindra Kumar Saha
8. | Tapankumar Bandyopadhyay
Bishnupada Pal
10. Kumarkrishna Mukhopadhyay
11. Debasis Ghose
12. Parag Seal
13. Ribha Das
14. Sudhir Kumar Mukherjee
15. Kasturi Gupta
16. | Pinaki Bandyopadhyay
Kana Das

18. Amitava Chakraborty
19. Sibendu Biswas

Applied Geology

FIRST CLASS
(In order of merit)

1. Sibendu Chaudhuri
2. Kalyan Sarkar
3. Gautam Dhar
4. Pradyot Kumar Kar
5. Anuradha Lahiri
6. Joyanta Roy Choudhury
7. Pranay Kumar Biswas
8. Ashoke Ganguli
9. Shyamal Kumar Biswas
10. Suradas Ghosh
11. Atanu Chattopadhyay
12. Basudev Surai
13. Sibabrata Bhattacharya
14. Amitava Ray
15. Tapan Lal Chakraborty
16. Vijay Kumar Sharma
17. Dwijendra Nath Bandyopadhyay

SECOND CLASS
(In order of merit)

20. Subhadeb Basu
21. | Deo Kumar Gajmer
Chhaya Chattopadhyay
Jagannath Datta
23. Animesh Khan
24. Paritosh Banerjee
25. Manika Mukhopadhyaya
26. Manika Sarkar
27. Sadhan Biswas
28. | Sadhan Nath Chattopadhyay
Rabindra Nath Chattopadhyay
29. Jayati Sen Gupta
30. Biplab Sengupta
31. Pinaki Sen Gupta
32. Pranab Kanti Chanda
- 33.

Chemistry

FIRST CLASS
(In order of merit)

1. Dilip Kumar Ghorai
2. Bulu Bandyopadhyay
3. Balai Chandra Basak
4. Ranabir Mandal
5. Tapas Kumar Chattopadhyay
6. Satya Bhusan Paul
7. Arati Bose
8. Asokkumar Bandyopadhyay
9. Saswati Lahiri
10. Sisir Dutta
11. Kula Bhushan Bhowmik
12. Ushasi Majumdar
13. Shekhar Ranjan Ray Choudhury
14. | Anjana Sarker
Jiban Kumar Chakladar
Manasjyoti Ray
16. Sekhar Mallik
17. Sachitra Gangopadhyay
18. | Bimanranjan Mazumder
Namita Biswas
20. Kashi Nath Nag
21. Asimkumar Das
- 22.

SECOND CLASS
(In order of merit)

23. Hemanta Kumar Pal
24. Sukamal Bilash Das
25. Sukamal Saha
26. Arun Chakrabarti
27. Dilip Kumar Mukhopadhyay
28. Jayanta Kumar Kundu
29. Ranu Biswas

SECOND CLASS
(In order of merit)

18. Gautam Mandal
19. Mrinal Krishna Sanyal
20. Anup Kumar Das Gupta
Gautam De
22. Swapan Kumar Bandyopadhyay

MASTER OF ARTS

English

SECOND CLASS
(In order of merit)

1. | Malabika Sarkar (nee Ghosh)
Aparna Bhagat (nee Bagchi)
3. Meera Arror (nee Bai Kelkar)
4. Tapan Kumar Ghosh
5. Ira Gupta
6. Protima Nag
7. Pinaki Prasad Dhar
8. Shivaji Sen
9. Ashoke Sen
10. Nandita Roy
11. Jharna Kumar
12. | Indira Bagchi
Tarapada Chakraborty
Aditi Majumdar
14. | Sister Josefina A.C. (Lacy Castelino)
Lali Sen
16. Subrata Panda
17. Bhaskar Sinha
18. Parbati Charan Chakrabarti

19. Krishna Guha Thakurta
20. Asitbaran Mahanti
Madan Mohan Banerjee
22. Dipa Roy
Bairagya Chakrabarti
24. Mullath Subhadra
25. Ramesh Chandra Choubey
26. Amal Kumar Sinharay
27. Samir Bardhan
28. Julie Bora
29. Monimala Dam
30. Dipak Kumar Bhattacharyya
31. Ira Majumdar
32. Bela Chattopadhyay
33. Bharati Bhattacharyya
34. Ram Prakash
35. Tapasi Lahiri
Md. Majibur Rahman
37. Reba Maiti (nee Das)
38. Stephen Fernandes
39. Sushil Chandra Banerjee
40. Bharati Mukhopadhyay
41. Santwana Sarkar
42. Sakti Pada Mitra
Raghawa Ram Pandey
44. Asitkumar Chattopadhyay
45. Swapna Bhattacharya
Anil Chandra Das
47. Syamali Ghosh
48. Rajendra Prasad Singh
49. Sanghita Bhattacharya
Kalpana Bose
Sohela Ali
52. Bimal Krishna Pal
53. Chabi Chakrabarti
54. Pronoti Purkayastha
Bandana Mukherjee
(nee Gangopadhyay)
56. Kalpana Banerjee
57. Ajaya Ray Chaudhury
58. Kanai Lal Mukhopadhyay
Munshi Abul Khair
60. Shambhunath Mukhopadhyay
61. Tulasidas Bhattacharya
62. Alo Dey (Sarkar)
63. Ellora Ghosh
64. Rana Sen Gupta
65. Tushar Kanti Pande
66. Krishna Pada Dhali
67. Mrityunjai Mookherjee
Reba Bandyopadhyay
69. Maheswar Bhattacharya
70. Haraprasad Adhikari
71. Santi Ranjan Banerjee
Sarvani Gangopadhyay
73. Purabi Banerjee (nee Majumdar)
74. Chitra Barman
Susmita Chattopadhyay
Helen Dutta
Jaya Chatterjee)
Sudhir Kumar Biswas
Lilarani Das Gupta
Nirmalendu Mohan Biswas
Mira Dutta
Annakali Saha

Bengali

FIRST CLASS (In order of merit)

1. Sugata Sen

SECOND CLASS (In order of merit)

2. Kalyani Mukherjee (nee Sengupta)
3. Mira Chattopadhyay
4. Dilipkumar Bhattacharyya
5. Sabita Sen
6. Santi Bandyopadhyay
7. Manika Mukhopadhyay
8. Manika Sinha (nee Das)
9. Chhanda Deb
10. Prasanta Kumar Bagal
11. Ananya Das Gupta
12. Sipra Bose
13. Sila Ghosh Chaudhuri (nee Basu)
14. Sibani Chattopadhyay
Salil Sinha
16. Bijaylakshmi Dutta
Indrajit Pathak
18. Swapna Das Gupta
19. Chandra Basu
Anindita Ghosh
21. Dipika Bhattacharjee (nee Chakrabarti) -
22. Arup Baran Chattopadhyay
Srilata Ghosh
Kakali Ghosh
25. Pannalal Bhattacharya
26. Tapan Kumar Das
27. Chitra Mallik
28. Anima Basu (nee Maiti)
29. Jyotsna Bhattacharyya
(nee Chakrabarti)
30. Bhaswati Mitra (nee Baksi)
Maya Ghosh
32. Salil Krishna Biswas
33. Anuradha Gangopadhyay
Mira Chowdhury
35. Samatul Dsa
36. Maitrey Ray
Anjali Ray Choudhu
37. Gargi Neogi
38. Mira Roy
Dipti Kahli
40. Bani Sen Gupta
41. Sankar Kumar Bandyopadhyay
42. Bandana Chattopadhyay
Gopal Chandra Ghosh
Rina Chaudhuri
44. Kanak Ghoh (nee Ray)
46. Biswambhar Mandal
47. Ranendra Kisaore Sarkar
48. Mira Chakrabarti (nee Bhattacharya)
49. Sipra Mukhopadhyay
50. Jyotsna Sen (nee Roy)
52. Namita Dutta (nee Mitra)
54. Rani Mandal
Dilip Kumar Das
Asoke Kumar Mitra

55. Ajay Kumar Gupta
56. Gour Gopal Halder
57. Narayan Chandra Chatterjee
58. Smriti Bhaduri
59. Lekha Sen Gupta
60. Krishna Chakrabarti
Manasi Sen
62. Tapati Basu Chaudhuri (nee Bhaduri)
Chandrasekhar Jana
Birendra Nath Majumdar
Umasankar Bose

44. Usha Rani Ganguli (nee Mukherjee)
45. Lilamayi Mukhopadhyay
46. Nibedita Sahu
47. Haradhan Santra
48. Haradhan Santra
Kamala Kanta Chakrabarti
49. Mangala Bhattacharjee
50. Radha Gobinda Chakraborty
51. Nivedita Bandyopadhyay
Ashok Kumar Sarkhel

SECOND CLASS (In order of merit)

- ### Sanskrit
- #### FIRST CLASS (In order of merit)
1. Biswanath Mukhopadhyay
 2. Sambhunath Samanta
 3. Tarapada Panda
 4. Tapati Bose
 5. Sukla Dutta
 6. Kanika Bhatta (nee Bhattacharya)
 7. Mihir Kumar Das Gupta

SECOND CLASS (In order of merit)

8. Arundhati Das
Bamandas Misra
10. Anita Pal
11. Subrata Kumar Chattopadhyay
12. Rabindra Nath Bhattacharya
13. Ajoy Kumar Saha
14. Sailajananda Halder
15. Anukul Mahapatra
16. Manindra Chandra Chakrabarty
17. Atasi Nandi (nee Datta)
18. Priti Kana Bhattacharjee (nee Biswas)
19. Sabitri Chakrabarti
20. Alo Saha
21. Pratibha Chowdhury (nee Sen)
22. Bulbul Ray Choudhuri
23. Krishna Gopal Chaudhuri
24. Gita Sen
25. Chitta Ranjan Chakrabarty
26. Dipa Baksi
Manjusree Bhattacharyya
Prabhati Roy (nee Karmakar)
28. Namita Rani Khanra
Jagadish Chandra Bhattacharyya
31. Pratima Bhowmik
32. Anuradha Kar (nee Paul)
33. Durga Das
34. Ramawatar Sharma
35. Bani Hor
36. Gopal Chandra Hajra
37. Amar Chandra Chakraborty
39. Nina Ghosh
Khuku Roy
40. Syamapada De
41. Bharati Saha
42. Swapna Shyam
43. Subhra Sarkar

53. Gita Roy
54. Dolly Chakraborty (nee Sarkar)
55. Niranjana Kundu
56. Anita Sarma
57. Anil Kumar Bandyopadhyay
58. Prasanta Kumar Biswas
59. Prempada Mandal
60. Krishnananda Misra
61. Anjali Chowdhury
Badal Kumar Dautta
63. Tara Pada Sanpui
Kaberi Mitra

Philosophy

FIRST CLASS (In order of merit)

1. Angelika Pathak

SECOND CLASS (In order of merit)

2. Chitra Sen Gupta (nee Ray)
3. Chandra Chatterjee
4. Subhas Chattopadhyay
5. Runu Ghosh
6. Chhanda Basu
7. Krishna Mukhopadhyay
8. Sefali Kundu
9. Pramathes Hom Chaudhury
10. Debi Sur
11. Karabi Roy
12. Gopal Chandra Pal
13. Swapan Kumar Chakraborty
14. Namita Dhar
15. Malaya Chattopadhyay
16. Manjari Sarkar
17. Dipali Sarkar (nee Chowdhury)
18. Jogamaya Mukherjee
(nee Bandyopadhyay)
19. Shyama Pada Dutta
20. Sukla Roy
21. Manjusri Dutta
22. Aparna Bhattacharyya
23. Alok Ranjan Baidya
24. Mahabir Chandra De
25. Kasturi Rai Choudhury
26. Dipa Majumdar
27. Bharati Ghosh

28. Subha Sil
29. Anubha Ray
30. Gita Sen (nee Hui)
31. Kabita Ganguli
32. Maya Das
33. Indrani Deb Roy (nee Sarkar)
34. Malina Roy
35. Kabita Gupta
36. Priti Biswas
37. Namita Sen
38. Sipra Mukherjee
39. Sucharita Guha
40. Prafulla Halder
41. Pankaj Kumar Chattopadhyay
42. Gadadhar Karmakar
43. Bandana Bhattacharyya
44. Jyotirindra Mohan Sikdar
45. Binoy Krishna Biswas

Economics

FIRST CLASS (In order of merit)

1. Madhumita Ray
2. Satyananda Ghose
3. Manimay Sengupta
4. Anindita Ray

SECOND CLASS (In order of merit)

5. Mitali Ray Chaudhury
6. Pushpa Chakrabarti
7. Swapna Basu
8. Devjani Kar
9. Pradeepta Bhattacharyya
10. Dipankar Dasgupta
11. Shyama Pada Pramanick
12. Subodh Chakraborti
13. Dora Basu
14. Dipendranath Bandyopadhyay
15. Indrani Sen
16. Kesab Lal Chakrabarti
17. Prabal Kumar Bhattacharjee
18. Pradip Chattopadhyay
19. Sekhar Chandra Chakrabarti
20. Swapan Kanti Bandyopadhyay
21. Susmita Nag
22. Alok Kumar Dutta
23. Sunil Kumar Basak
24. Aditi Mukhopadhyay
25. Kalyani Chakrabarti
26. Abdul Gani Molla
27. Sanghamitra Bandyopadhyay
28. Udayan Sen
29. Sasanka Sekhar Chakrabarti
30. Amalendu Chakrabarti
31. Jamini Ranjan Sardar
32. Banani Chakrabarti (1)
33. Neelima Kulkarni
34. Pradyot Kumar Sen
35. Kartik Chandra De

36. Purabi Chakrabarti
37. Hirak Sen Gupta
38. Bani Gupta
39. Bhaskar Gupta
40. Ira Nag
41. Shyamal Kumar Dasgupta
42. Surajit Ray
43. Pranab Kumar Sen
44. Tarani Kanta Saha
45. Ratanlal Mukhopadhyay

History

FIRST CLASS (In order of merit)

1. Gautam Bhadra
2. Bhubanes Kumar Misra

SECOND CLASS (In order of merit)

3. Anil Kumar Mridha
4. Subha Kundu
5. Goutam Neogi
(nee Guha Thakurta)
6. Sushil Kumar Ghosh
7. Krishna Sarkar (nee Chakraborty)
8. Srilekha Mukhopadhyay
9. Durga Pada Das
10. Ranjitkumar De
11. Sandhya Bhattacharya
12. Phul Chowdhury
13. Sucheta Bagchi
14. Mala Majumdar
15. Rina Das Gupta (nee Sen Gupta)
16. Sharmila Sarkar (nee Ghosh)
17. Lipika Das Gupta
18. Ahmed Hussein
19. Pulin Bihari Jana
20. Manimala Basu
21. Kalpana Sen Gupta
22. Chitra Banerjee
23. Swagata Guharay
24. Kalyan Kumar Mitra
25. Lalrimawia
26. Asita Ray
27. Tapan Kumar Mukhopadhyay
28. Usa Roy
29. Asutosh Mukhopadhyay
30. Rekha Kar
31. Kabita Ghosh
32. Anal Kanti Ghosh
33. Krishna Basu
34. Rabindra Nath Basu
35. Alo Nandi
36. Syamali Ray
37. Kalika Prasad Chakravorty
38. Apurba Gopal Goswami
39. Arati Sarkar
40. Uma Bhattacharya (Goswami)
41. Bishnu Prasad Mukhopadhyay
42. Ketaki Mustafi (nee Basu)
43. Sikha Bhattacharyya
(nee Chattopadhyay)

44. Mira Roy Chowdhury
45. Kamala Mehata
46. Saroj Kumar Pal
47. Sucharita Samaddar
48. Sumita Das
49. Kajal Mitra
50. Binay Krishna Ray
51. Basanti Dutta Choudhury
52. Smita Roy
53. Sudhansu Kumar Bairagi
54. Aparna Roy
55. Shibani Mookherjee
56. Lakshmi Ray
57. Sukla Ray
58. Balaram Sardar
59. Sukla Chaudhuri
60. Sudhir Kumar Halder
61. Namita Roy Choudhury (nee Guha)
62. Dipali Biswas
63. Sabita Choudhury
64. Nripendra Nath Majee
65. Sucharita Datta
66. Jogendra Nath Ghosh
67. Abhijit Ray
68. Putul Mondal
69. Chitta Ranjan Sinha
70. Nityadas Kayal
71. Sankar Kumar Bhattacharyya

International Relations

SECOND CLASS (In order of merit)

1. Vardhini Ramakrishnan
2. Sanghamitra Maitra
3. Usha Saraf
4. Sephali Das Gupta
5. Rama Bhattacharjee
6. Jayasri Saha
7. Sushir Roy
8. Chitrita Roy Chaudhury
9. Mani Vijayalakshmi
10. Jayasri Lahiri
11. Arun Kumar Mukhopadhyay
12. Shreela Bose
13. Chandra Chakraborti
14. Malabika Basu
15. Manashi Guha
16. Mitra Roy

Comparative Literature

SECOND CLASS (In order of merit)

1. Sibani Sinha
2. Gargi Roysircar
3. Vimla Naidu
4. Bipasha Gupta
5. Ila Dutt
6. Tandra Bhattacharya
7. Ranjana Mitra
8. Sunanda Rani Basu

9. Alpana Roy
10. Tapati Gupta
11. Bulbul Bardhan
12. Manjulika Sarkar
13. Debjani Maitra

BACHELOR OF SCIENCE

Mathematics (Honours)

FIRST CLASS (In order of merit)

1. Shyamal Kumar Bhattacharyya
2. Naresh Chandra Das
3. Tapan Kumar Pal
4. Anuva Sengupta
5. Sheila Mukhopadhyay
6. Gopa Mukhopadhyay
7. Subrata De Chowdhury
8. Sanjoy Kumar Datta
9. Rina Majumdar
10. Paromita Deb
11. Reba Bose
12. Mita Mallik

SECOND CLASS (In order of merit)

13. Sipra Sen
14. Dolly Dutta
15. Asim Kumar Sanyal
16. Snigdha De
17. Subir Roy
18. Asish Kumar Konar
19. Sarbeswar Mitra
20. Amit Kumar Bose
21. Susama Saha
22. Bijoy Sen Gupta
23. Shipra Dutta

Physics (Honours)

FIRST CLASS (In order of merit)

1. Abhijit Majumdar
2. Ambar Krishna Mitra
3. Mohan Kumar Phani
4. Barindra Dan
5. Sujata Ghosh
6. Jayati Sen
7. Jayasree Dhar
8. Sagnik Mukhopadhyay
9. Soumyo Darshan Moitra
10. Jonaki Chatterji
11. Dipankar Biswas
12. Amit Kumar Motayed
13. Ira Bose
14. Gautam Choudhuri

SECOND CLASS (In order of merit)

15. Uday Sankar Sen Gupta

16. Devaprasanna Sinha
17. Jayanta Shhanapati
18. Shubhra Ghoshal
19. Lipika Sen
20. Suvendu Nath Bose
21. Raka Sen
22. Munim Zeidan I'sefan Sweiss
23. Malayendu Banerjee
24. Ranajit Kumar Ray
25. Sriprakash Ghosh

Chemistry (Honours)

FIRST CLASS
(In order of merit)

1. Kumardev Bose
2. Manish Sarkar
3. Monidipa Basu
4. Ranjit Chatterjee
5. Manoj Kumar Datta
6. Swapan Kumar Chattopadhyay
7. Sumana Chakrabarti
8. Pratap Chandra De
9. Tapash Kumar Bhattacharya
10. Jaya Sen

SECOND CLASS
(In order of merit)

11. Debi Prasad Ghosh
12. Dipankar Chatterji
13. Rekha Mody
14. Ashoke Basu
15. Subrata Banerjee
16. Bappaditya Gangopadhyay
17. Arun Datta
18. Valmiky Bhattacharjee
19. Sutapa Datta
20. Sushmita Chakravorty
21. Manjusri Majumdar

Geological Sciences (Honours)

FIRST CLASS
(In order of merit)

1. Ajay Kumar Misra
2. Himadri Bandyopadhyay

SECOND CLASS
(In order of merit)

3. Samhita Guha
4. Amit Roy
5. Bhaskar Chattopadhyay
6. Swapan Naha
7. Subroto Chowdhury
8. Subhendu Bikas Bardhan
9. Soumendra Nath Sarkar
10. Satyendra Bandyopadhyay
11. Debabrata Saha

12. Pradipta Kumar Deb
13. Shilpi Basu

Home Science

FIRST CLASS
(In order of merit)

1. Shobhana Radhakrishnan
2. Radha Iyer
3. Tripat Singh
4. Lata Bathla
5. Raj Poddar
6. Madhu Bhargava
7. Manjula Dudhoria
8. Suman Sud

SECOND CLASS
(In order of merit)

9. Nandini Gupta
10. Roshan Hoshang Tangree
11. Deepika Krishnan
12. Neera Seth
13. Kokila Jashbhai Patel
14. Maya Sarkar
15. Geeta Upal
16. Chitra Bhargava
17. Shikha Varma
18. Kajal Mitra
19. Sashi Agrawal
20. Harbans Kaur
21. Surekha Shah
22. Govinder Kour Uppal
23. Pamela Dumber

BACHELOR OF ARTS

English (Honours)

SECOND CLASS
(In order of merit)

1. Sumit Mitra
2. Moy Roy
3. Nilaksha Gupta
4. Subrata Datta Gupta
5. Mita Mazumdar
6. Chitra Seetharam
7. Karabi Sarbadhikary
8. Shamasree Chakravarty
9. Aroti Sen Gupta
10. Sushmita Ghosh
11. Anuva Chakrabarti
12. Asoka Das
13. Nandita Deb Chaudhury
14. Salil Kumar Banerjee
15. Ranjana Bandyopadhyay
16. Samir Chakrabarty
17. Nivedita Dewanjee
18. Moloy Roy
19. Indrani Goswami
20. Rita Chatterjee
21. Sriparna Guha
22. Basabi Bhattacharya

PASS
(In order of merit)

23. Banani Roy
24. Ujjaini Chaki
25. Ojaswi Sen
26. Bimalendu Chakrabarti
27. N. Lalita

Bengali (Honours)

SECOND CLASS
(In order of merit)

1. Arati Sanyal
2. Indrani Nag
3. Gopa Chanda
4. Bithi Kana Biswas
5. Debjani Sen

Sanskrit (Honours)

FIRST CLASS
(In order of merit)

1. Indrani Das

SECOND CLASS
(In order of merit)

2. Abha Rani Das
3. Asit Kumar Chattopadhyaya
4. Smita Dutta Gupta
5. Chandralekha Ghosh
6. Snigdha Acharya
7. Kaberi Mondal
8. Suptasri Munsri
9. Dhananjay Panda
10. Mandira Sen
11. Bankim Behari Jana
12. Subipul Sarkar
13. Chandrabali Sarkar
14. Kalpana Chatterjee
15. Bani Chakraborty
16. Tapati Datta
17. Gauri Das
18. Anubha Das Gupta
19. Pramita Basu

Philosophy (Honours)

FIRST CLASS
(In order of merit)

1. Ratna Das Gupta
2. Indrani Datta

SECOND CLASS
(In order of merit)

3. Chandra Sen
4. Basanti Guha
5. Sumita Deb

6. Indra Dutta Ray
7. Meena Hazra
8. Sipra Bandyopadhyay
9. Bratati Sen
10. Ratna Datta
- Sumita Mukherjee
12. Ira Chattopadhyay
13. Aparajita Gangopadhyay

PASS
(In order of merit)

14. Monisha Chakraborty
15. Gopa Roy

Economics (Honours)

FIRST CLASS
(In order of merit)

1. Probir Kumar Dhar
2. Arjun Dhar

SECOND CLASS
(In order of merit)

3. Chandana Chakraborty
4. Bharati Chattopadhyay
5. Nandita Maitra
6. Rashmi Sen Gupta
7. Sikha Guha
8. Indrani Das
9. Kumkum Sehanobis
10. Parthasarathi Mukhopadhyaya
11. Shyamali Mukherjee
12. Tapas Das
13. Prityendu Bikash Barua
14. Rabindra Nath Halder
15. Krishna Ukil
16. Prasanta Kumar Dutta
17. Siddhartha Chaudhuri
18. Tapas Mukherjee
19. Sumita Roy
20. Anjana Sarker
21. Biswarup Sen Gupta

PASS
(In order of merit)

22. Arunkumar Mukhopadhyay
23. Manashi Das
24. Malay Das

History (Honours)

FIRST CLASS
(In order of merit)

1. Shivaji Rakshit
2. Tarasankar Chaudhuri

SECOND CLASS
(In order of merit)

3. Prabir Bhattacharya
4. Sujata Sen

PASS
(In order of merit)

2. Naba Kumar Mazumdar

BACHELOR OF EDUCATION

FIRST CLASS
(In order of merit)

1. Murari Mohan Bhattacharyya
2. Sipra Ghosh (Sinha)
3. Rekha Nag
4. Sriharsha Mallick
5. Kali Kinkar Chattopadhyay
6. Pradip Kumar Chakraborty
7. Suchandra Bose
8. Subal Chandra Adhikari
9. Lina Pal
10. Pranati Paul
11. Swapna Ghosh
12. Satyabrata Aich
13. Ramendra Nath Sen Gupta
14. Anil Kumar Das Gupta
15. Ajit Kumar Bhattacharyya
16. Bandana Mitra
17. Kakoli Bose (nee Ray)
18. Uma Das Gupta
19. Rama Guha (Ghosh Dastidar)
20. Subhash Chandra Chakraborty
21. Radha Raman De
22. Alpana Mutsuddi
23. Sandhya Bhattacharyya
24. Binod Chandra De
25. Mohan Chandra Kayal
26. Ranendra Chakravorty
27. Swapan Kumar Bandyopadhyay

SECOND CLASS
(In order of merit)

28. Manju De
29. Bandana Ghosh
30. Binay Krishna Chakrabarti
31. Banaphul Bandyopadhyay
32. Syam Sundar Chattopadhyay
33. Dilip Kumar Das
34. Mintu Bandyopadhyay
35. Ajoy Kumar Paul
36. Nandita Ray Chaudhuri
37. Sibani Das Gupta
38. Sudhanya Kumar Ghosh
39. Santwana Bhattacharya
40. Prithwaraj Pradhan
41. Sailendra Nath Guha Thakurta
42. Bulbul Ray
43. Chhaya Kundu
44. Bharati Bandyopadhyay
45. Dipali Nath
46. Namita Ghosh (nee Datta)
47. Kalyani Sarker
48. Sipra Choudhuri
49. Maya Rani Saha
50. Braja Gopal Naskar
51. Nirmal Kumar Sengupta

5. Krishna Sehanobish
6. Sachidananda Banerjee
7. Kalyan Kumar Paul
8. Bansari Gangopadhyay
9. Jasmine Das
10. Jharna Chakraborty
11. Minati Hira
12. Shyamali Chakraborty
13. Dipa Dasgupta
14. Aparajita Sen Gupta
15. Banani Chattopadhyay
16. Kana Sil

PASS
(In order of merit)

17. Sikha Ganguly

Political Science (Honours)

FIRST CLASS
(In order of merit)

1. Madhavi Chaudhury

SECOND CLASS
(In order of merit)

2. Atanu Mohan Sanyal
3. Anita Basu
4. Uma Bandyopadhyay
5. Subhadra Banerjee
6. Arundhati Mitra
7. Bratati Ghosh
8. Mira Ganguly
9. Swati Roy
10. Sarbani Bandyopadhyay
11. Arunabha Chattopadhyay
12. Sukla Banerjee
13. Arup Kumar Sen
14. Swapna Bhowmik
15. Ratna Nag
16. Jhulan Dasgupta
17. Deepa Bose
18. Papri Majumdar
19. Dipankar Ray Chaudhuri
20. Rita Sinha Roy
21. Tapasi Chattopadhyay

PASS
(In order of merit)

22. Dipa Gangopadhyay
23. Gita Das Gupta
24. Gouri Dutta
25. Sucheta Bhattacharya

Comparative Literature (Honours)

SECOND CLASS
(In order of merit)

1. Amalkanti Bhattacharya

52. Rama Bhattacharya (Chakravorty)
53. Nirendu Kumar Hazra
54. Pijush Kanti Chanda
55. Uttam Charan Nag
56. Nepal Chandra Pal
57. Ila Ghosh
58. Tapan Kumar Datta
59. Ram Lal Chakraborty
60. Lakshmi Kanta Adhikari
61. Juthika Das
62. Prajnarajan Datta
63. Manashi Sarkar
64. Manjusri Ray
65. Anjali Roy (nee Datta)
66. Anju Chaudhuri
67. Anjali Basu
68. Trigunatita Chattopadhyay
69. Asok Kumar Pal
70. Sephali Bhattacharya
71. Rama Dutta
72. Sudhangsu Bhusan Roy
73. Durjyodhan Roy
74. Sabita Dhar
75. Bhabes Chandra Chattopadhyay
76. Ira Basu
77. Sudhamoy Acharya
78. Srinjay Bargi
79. Anjali Das Gupta
80. Sima Sarkar
81. Prabhas Chandra Chattopadhyay (Chatterjee)
82. Phani Bhusan Ghosh
83. Narendra Nath Ghosh
84. Atasi Majumdar
85. Jayanti Das Gupta (nee Ray Chaudhuri)
86. Guru Prasad Chakraborty
87. Pranabendra Mandal
88. Binata Sarkar
89. Munshi Abdul Kashem
90. Hari Sadhan Chattopadhyay
91. Subodh Kumar Pal
92. Ashoke Kumar Das
93. Tarun Kumar Roy
94. Suniti Das
95. Bijoy Sankar Chakraborty
96. Saraswati Chakraborty
97. Syamaprasad Bandyopadhyay
98. Krittika Gupta
99. Basanti Das
100. Nilima Kar
101. Gouri Bandyopadhyay
102. Basanti Sinha
103. Satya Narayan Dutta
104. Pratima Mukhopadhyay
105. Uday Sankar Ghosh
106. Prabodh Ranjan Chakraborty
107. Chabi Chakraborty (nee Chatterjee)
108. Manju Rani Chakrabarty
109. Dipti Basu (nee Bal)
110. Thakur Das Debnath
111. Sila Datta
112. Sachindra Nath Das
113. Haranchandra Sardar
114. Benu Madhab Chatterjee
115. Patit Paban Debnath

116. Anjali Sen
117. Amarendra Nath Das
118. Keka Ghosh
119. Bhujanga Bhushan Ghosh
120. Aruna Chakrabarti
121. Sheli Majumder (nee Sen)
122. Khuku Rani De
123. Baradamohan Nasker
124. Dulal Chandra Mandal
125. Gita Munsli
126. Ardhendu Kumar Ghosh
127. Sabita Datta
128. Shyamal Kumar Sarkar
129. Amitabha Chatterjee
130. Jayanto Ghosh
131. Sanjib Bhusan Ghatak
132. Kalipada Panda

Library Science

FIRST CLASS
(In order of merit)

1. Anasua Sen
2. Kamal Kishore Das
3. Sulekha Sen (nee Mitra)
4. Shipra Sen
5. Kshetra Mohan Mondal
6. Asish Kumar Basu
7. Bandana Sen Gupta
8. Nilima Sen

SECOND CLASS
(In order of merit)

9. Dilip Kumar Chakraborty
10. Jayanta Kumar Sinha Roy
11. Mridula Datta Ray
12. Bala Madhurai Sharma
13. Gouri Majumdar
14. Ava Ghose
15. Pushpa Sinha (nee Ghosh)
16. Sumita De
17. Nemai Chandra Hari
18. Pradip Kumar Bandyopadhyay
19. Sakti Kana Mishra
20. Prasanta Kumar Mallick
21. Bina Das Gupta (nee Sen)
22. Jatindra Nath Satpathi
23. Ramanugrah Narayan Prasad
24. Bithi Majumdar
25. Archana Sanyal
26. Santi Bose
27. Aruna Chowdhury (nee Bhaumik)
28. Sheo Prasad Shah
29. Lakshmi Nandan Karn
30. Dilip Kumar Ray

BACHELOR OF ENGINEERING

Chemical Engineering

FIRST CLASS WITH HONOURS
(In order of merit)

1. Rajib Mukherjee

2. Abhijit Biswas
3. Tarun Kumar Mukhopadhyay
4. Rathindra Nath Bagchi
5. Sankar Prosad Chakravarti
6. Alokanda Mukhopadhyay
Prabir Kumar Datta
8. Chunilal Bhattacharyya
9. Spandan Bikash Deb Das
Asish Kumar Ghosh
11. Shyamal Das
12. Shankar Prosad Mitra
13. Ramesh Chandra Mall
14. Sumit Bose
15. Kalyan Kumar Das
16. Arup Kumar Ray
17. Subhash Chandra Sarkar

FIRST CLASS
(In order of merit)

18. Sushil Kumar Dugar
19. Anjan Bose
20. Sudipta Kumar Bandyopadhyay
21. Cumbum Narayan Vasudev
22. Anjan Kumar Sabui
23. Nandadulal Pal
Mihir Chakrabarti
25. Pran Krishna Dey
26. Vinod Kumar Maheshwary
27. Tapan Kumar Das
28. Madhusudan Nathany
29. Arunoday Ghatak
30. Ajapa Sen
31. Malay Chandra Mukhopadhyay
32. Dipak Kumar Chakrabarti
33. Sohan Lal Adalati
34. Manas Das
35. Prabir Kumar Das
36. Bidyut Baran Sen
37. Basudev Nag
38. Murari Mohan Pradhan
39. Anita Basu
40. Bidyut Kumar Chakraborti
Narayan Chandra Deb
42. Asok Kumar Das
43. Kalachand Mookerjee
44. Milan Kumar Bose
45. Anadi Kanta Ray
46. Bijan Kumar Sur
47. Buddhadeb Chaudhuri
48. Shyama Prasad Chattopadhyay
49. Dilip Kumar Pal Chaudhuri
50. Subrata Lal Chaudhuri
51. Prabhu Nath Ojha
52. Nripesh Ranjan Das
53. Mrinal Kanti Goswami
54. Murari Mohan Kanrar
55. Alok Kumar De
56. Abhi Chakrabarti
57. Prodip Kumar Bhattacharyya
58. Ramgati Mookerjee
59. Goutam Mukhopadhyay
60. Anupam Mukherjee
61. Asok Maitra
62. Arun Kumar Sengupta
63. Peejush Kanti Acharyya

64. Tapan Bandyopadhyay
65. Bhudeb Mukherjee
66. Md. Kamrul Alam
Subrata Sen
68. Asutosh Sen Gupta
69. Karun Kothari

SECOND CLASS
(In order of merit)

70. Alok Ranjan Dutta
71. Swapan Kumar Bagh
72. Sukumar Bagh

Electrical Engineering

FIRST CLASS WITH HONOURS
(In order of merit)

1. Bishnu Kumar Agarwala
2. Siddhartha Maitra
3. Gopal Banerjee
4. Bipradas Mookerjee
5. Prasanta Kumar Basu
6. Anil Kumar Singh
7. Santapan Bhattacharya
8. Samarendra Bhusan Chakrabarty
9. Abhijit Chatterjee
10. Tushar Ranjan Bhattacharyya
11. Manabendra Nath Bandyopadhyay
Asoke Kumar Adhikary
13. Goutam Kumar Majumder
14. Debidas Bhattacharya
15. Sumit Chatterjee
16. Bhaja Gobinda Chowdhury
Bidyutbaran Bhattacharyya
18. Arup Kundu
19. Subrata Ghosh
20. Ananda Gopal Ghosh
Kalo Baran Mazumder
22. Ranadhir Dey
23. Arabinda Samanta
24. Anirban Chakrabarti
25. Asok Kumar Datta
26. Subrata Ghosh Ray
27. Asish Kumar Pain
Amalangshu Bhattacharya
29. Rabindra Nath Bandyopadhyay
30. Dilip Kumar Sen
Bibhag Moitra
32. Ajit Kumar Banerjee
33. Kalidas Chattopadhyay
34. Saroj Kumar De
35. Dilip Kumar Mukherjee
36. Ashok Ranjan Ray
37. Balaram Nandy
38. Prodip Kumar Routh
39. Ranjan Kumar Moitra
Ranajit Pal
41. Debdas Mahata
42. Sannyasi Charan Das
43. Abhijit Mallick
44. Asok Das Gupta
45. Subhash Kumar Sarkar
46. Hari Sankar Medda

47. Pratibharanjan Das
48. Pradip Kumar Chakrabarty
49. Harigopal Pal
50. Rabindra Nath Bhattacharjee
51. Bijonkumar Dattagupta
52. Bimal Kanti Saha
53. Satinath Bhattacharyya
54. Ajit Kumar Ghosh

FIRST CLASS WITH DISTINCTION

55. Sanjit Kumar Datta

FIRST CLASS
(In order of merit)

56. Pradip Kumar Nath
Deb Umapati Datta
Debasis Mitra
58. Prabir Kumar Kundu
59. Pradip Kumar Chakrabarti
Tapan Chaudhuri
61. Ardhendu Mitra
62. Asok Kumar Bhattacharyya
63. Partha Sarathi Roy
Manojit Pal
65. Saurindranath Chaudhuri
66. Sumit Kumar Neogi
67. Ananda Kumar Das
68. Pranay Kumar Sinha
69. Pankaj Kanti Nag
Asim Kumar De
71. Sarba Daman Sen Gupta
72. Santipada Gon Chaudhuri
Ajit Kumar Adak
74. Asok Kumar Pal
Debasis Mukhopadhyay
76. Asim Kumar Pal
77. Santibrata Som
78. Vivekananda Mukhopadhyay
79. Swapan Kumar Ghosh
80. Kalyan Kanti Ghosh
Satinath Mukherjee
82. Nikhil Chandra Kuri
83. Pradip Jyoti Biswas
84. Arun Kumar Chakraborty
85. Samarendra Nath Chattopadhyay
86. Kamal Chandra Mitra
87. Sukumar Basu
88. Asish Kumar Das Gupta
89. Asish Kumar Ghosh
90. Swapan Banerjee
91. Timir Kanti Bhattacharyya
92. Samar Kumar Mitra
93. Asish Das Gupta
94. Chanchal Kumar Banerjee
95. Tapas Kumar Naha
96. Dipankar Basu
97. Asit Kumar Das
98. Sudhiranjan Das Gupta
99. Tapan Kumar Bandyopadhyay
100. Ashamanja Datta
101. Ranjan Kumar Mazumdar
102. Benoy Kumar Gupta
103. Subodh Kumar Saha
104. Tapan Kumar Ghosh
105. Ranadhi Bandyopadhyay

105. Ranadhi Bandyopadhyay
107. Rakhai Ranjan Goswami
108. Swapan Datta
109. Maurice Nicholson
110. Ranajit Bhattacharyya
111. Sajal Narayan Chaudhuri
112. Soumendranath Kumar Biswas
113. Partha Sarathi Datta
114. Debasish Chakrabarti
115. Amal Kumar Das
116. Tapas Kumar Das Gupta
117. Radha Raman Bandyopadhyay
118. Uday Sankar Sen
119. Asimbikas Chaudhuri
120. Shomnath Sen Gupta
121. Samir Kumar Chattopadhyay
122. Subrata Kumar Das
123. Pradip Kumar Datta
124. Abani Kumar Ray
125. Dinendra Nath Majumdar
126. Hirendra Nath Hazra
127. Asoke Kumar Guha
128. Abani Bhusan Ray
129. Pratim Kumar Dutta
130. Pradip Kumar Sen
131. Harimohan Acharya
132. Shankar Mitra
133. Ananda Kumar Ghosh
134. Arunendu Sarkar

SECOND CLASS
(In order of merit)

135. Ranjit Kumar Bandyopadhyay
136. Keshab Majumdar
137. Bijan Chandra Maitra
138. Satish Kumar Arora
139. Asoke Dasgupta
140. Jyoti Priya Ray
141. Alok Kumar Das

Electronics & Tele-Communication Engg.

FIRST CLASS WITH HONOURS
(In order of merit)

1. Gopa Dutta
2. Susrut Ray
Rupendranath Chattopadhyay
4. Chandra Gangopadhyay
5. Tapan Kumar Roy
6. Dipak Roy
7. Sankardas Roy

FIRST CLASS
(In order of merit)

8. Ravinder Krishen Tikoo
9. Adhip Kumar Guha
10. Jayanta Kumar Chakravarti
11. Rajat Pal
12. Siddhartha Chakravorty
13. Basobi Basu
14. Suphal Kumar Bandyopadhyay
15. Susanta Kumar Sarkar

16. Probin Kumar Neogi
17. Chanchal Bandyopadhyay
18. Vijay Luxman Thairani
19. Samir Kanti Basu
20. Sushobhan Samaddar
21. Siddhartha Gautam Basu
22. Arun Kumar Chakraborty
23. Sanjoy Sarkar
24. Swapan Dutta
25. Amitava Rakshit
26. Pradipta Tagore

SECOND CLASS
(In order of merit)

27. Samarjit Mitra
28. Alok Baran Sil
29. Shyamal Chattopadhyay
30. Pramod Kumar
31. Sailaj Mohan Pal
32. Tushar Kanti Bose
33. Prabir Kumar Mandal
34. Sudip Kumar Deb Roy
35. Ramaprasanna Chattopadhyay
36. Amit Kumar Bandyopadhyay

Mechanical Engineering

FIRST CLASS WITH HONOURS
(In order of merit)

1. Amiya Sankar Aditya
2. Tapan Dutta
3. Pulak Chakrabarti
4. Basudeb Saha
5. Gautam Chakrabarti
6. Bishnu Pada Bhattacharyya
7. Phalguni Sarkar
8. Asim Kumar Ash
9. Asit Kumar Basu
10. Sujit Kumar Naha
11. Onkar Bhattacharjee
12. Krishnamohan Addy
13. Biswanath Mondal
14. Dipak Kumar Kundu
15. Kalachand Kundu
16. Samir Kumar Bhattacharyya
17. Nepal Chandra Som
18. Pradip Kumar Dutta
19. Prakash Kusum Basu
20. Mallar Mukherjee
21. Anup Ghosh
22. Jaytilak Biswas
23. Sudarsan Paul
24. Debasis Gangopadhyay
25. Atin Kumar Sinha
26. Subhankar Ghosh
27. Tapan Kumar Sen
28. Asim Sinha
29. Krishna Kumar De
30. Jashvant Udani
31. Susanta Kumar Basak
32. Surajit Chatterjee
33. Utpal Kanti Bhattacharyya
34. Sekhar Sur

35. Amiya Gopal Sinha
36. Basudeb Jaiswal
37. Debabratamay Mitra
38. Arun Mukhopadhyay
39. Amar Bandyopadhyay
40. Sushanta Kumar Bhattacharya
41. Kunal Sarkar
42. Tushar Kanti Shome
43. Swapan Kumar Bhattacharyya
44. Samir Kumar Ghosh
45. Aloke Chakravarti
46. Benoy Ranjan Bhattacharyya
47. Amal Kumar Ray
48. Lalit Kumar Kanungo
49. Rabindranath Bhattacharyya
50. Kalyan Kumar Chakrabarti
51. Sankarchand Ghatak
52. Chinmoy Chakrabarti
53. Tarun Kumar Misra
54. Prasanta Mookhopadhyay
55. Swapan Chakrabarti
56. Avijit Mukherjee
57. Varadarajan Vanchi
58. Subir Kumar Chattopadhyay
59. Biswanath Mitra
60. Sudhi Ranjan Gangopadhyay
61. Partha Pratim Bandyopadhyay
62. Dilip Kumar Chakrabarti
63. Nirmalendu Halder
64. Bijon Bihari Layek
65. Palas Majumdar
66. Baidyanath Maulik
67. Girindramohan Bhattacharya
68. Sanjib Kumar Basak
69. Tushar Kanti Bhowmik

FIRST CLASS WITH DISTINCTION
(In order of merit)

70. Dinanath Bandyopadhyay

FIRST CLASS
(In order of merit)

71. Himansusekhar Das
72. Panchu Kumar Pramanik
73. Biswajit Samanta
74. Hiralal Chakraborty
75. Asish Kumar Naskar
76. Parimal Kanti Naskar
77. Parimal Kanti Mandal
78. Basudev De
79. Sankar Chakrabarti
80. Tonmoy Goswami
81. Ranjan Kumar Kundu
82. Amal Kumar Chakraborty
83. Mihir Kumar Ghosh
84. Somendra Nath Chandra
85. Rupendra Kumar Adhya
86. Satish Agrawal
87. Biswanath Nandi
88. Biplab Kumar Bhattacharyya
89. Narendra Nath Das
90. Pralay Das Gupta
91. Sib Chandra Ray Chaudhuri
92. Kalyan Kumar Sen

92. Anup Kanti De
93. Pinaki Nath Ray
94. Amit Kumar Das
95. Debendra Nath Ghosh
96. Arun Kumar Majumdar
97. Arindam Ray
98. Bijan Kumar Chandra
99. Bhajahari Pal
100. Anup Kumar Roy
101. Abhijit Mitra
102. Ujwal Kumar Misra
103. Subes Ray Chaudhuri
104. Pranab Bandyopadhyay
105. Ramprasad Bhanja
106. Debesh Mohan Ghosh
107. Sital Chandra Deb
108. Kamal Krishna Nandi
109. Asoke Kumar Bagchi
110. Pradip Kumar Routh
111. Ratan Chakrabarti
112. Asit Kumar Sarkar
113. Ranjit Kumar Banerjee
114. Robindra Singh
115. Uma Sankar Bandyopadhyay
116. Shivaji Bose
117. Gopal Chandra Ray
118. Rathindra Kumar Guhathakurta
119. Sankarbijoy Roy Choudhury
120. Manik Chandra Bhowmik
121. Prabir Kumar Saha
122. Chandra Sekhar Chakrabarti
123. Basudev Paramanick
124. Debabrata Ghosh
125. Dipak Kanti Ghoshal
126. Saroj Kumar Kundu
127. Sunit Kumar Mukhopadhyay
128. Subir Ranjan Gupta
129. Sukhendu Kumar Ghosh
130. Abhas Chandra Guha
131. Purushottam Bhattacharyya
132. Dipankar Sarkar
133. Asish Kumar Roy
134. Gautam Das
135. Subir Chakrabarty
136. Suprabhat Chattopadhyay
137. Manik Ratan Basu
138. Sunil Kumar Das
139. Piyal Bagchi
140. Manas Kumar Nag
141. Indrajit Bardhan
142. Kalyan Kumar Basu
143. Kalyan Kumar Chakrabarti
144. Prabir Kumar Chakrabarti
145. Alak Kumar Bandyopadhyay
146. Samir Kumar Bandyopadhyay
147. Jyotirmay Chattopadhyay
148. Gauranga Chandra Ghosh
149. Asoke Kumar Guha
150. Priyankar Ganguly

SECOND CLASS
(In order of merit)

151. Diptendra Nath Basu Roy
152. Tushar Kanti Ghosh
153. Harunath Ray

154. Gautam Datta
155. Debasish Datta
156. Susanta Kumar Basu
157. Ranjit Kumar Barua
158. Swapan Kumar Saha
159. Ramendra Nath Bhattacharji

Civil Engineering

FIRST CLASS WITH HONOURS
(In order of merit)

1. Abhijit Dasgupta
2. Mantu Chandra Bhaowal
3. Pradip Kumar Deb
4. Dilip Kumar Mitra
5. Asok Ray
6. Ajit Kumar Samanta
7. Subirbaran Basu
8. Satya Prasad Talapatra
9. Prabir Kumar Sen Gupta
10. Asim Kumar Basu
11. Prakash Chowdhury
12. Probir Sen
13. Dipankar Das
14. Sandip Chaudhuri
15. Ranajit Ash
16. Dilip Kumar Dey
17. Swapan Kumar Sen Gupta
18. Pradip Kumar Chatterjee
19. Subrata Majumdar
20. Asoke Kumar Mahapatra
21. Sujit Dinabandhu Mukherjee
22. Sibabrata Sen Gupta
23. Siddhartha Das
24. Swapanmohan Bandyopadhyay
25. Anirban Bandyopadhyay
26. Sudipta Basu
27. Subrata Mukhopadhyay

FIRST CLASS WITH DISTINCTION
(In order of merit)

28. Asit Kumar Gangopadhyay
29. Timir Baran Saha
30. Bholanath Chakraborty
31. Samar Ghosh
32. Dipak Ranjan Chattopadhyay

FIRST CLASS
(In order of merit)

33. Kalyan Kumar Chattopadhyay
34. Santanu Ghosh
35. Dwijendra Lal Sarkar
36. Asoke Kumar Mitra
37. Prasanta Kumar Ghosh
38. Kishore Sankar Sen Gupta
39. Subir Kumar Datta
40. Arun Kanti Biswas
41. Sanjib Chandra De
42. Sanat Kumar Samanta
43. Bijan Kumar Ray
44. Chitta Ranjan Ghosh
45. Subimal Kanti Chakraborti

46. Kamal Roy
- Nandan Kumar Chattopadhyay
48. Anjan Kumar Bandyopadhyay
- Anilendu Datta
- Pranabara da Samanta
51. Samirendra Nath Ghosh
52. Amit Kumar Kundu
- Biswanath Ghosh
54. Biswanarayan Mukherjee
55. Madhusudan Sarkar
56. Chuni Lal Ganguly
57. Dulal Chandra Mitra
- Nirmal Kanti Guha
59. Mahima Ranjan Hati
60. Sivesh Chandra Deb
61. Arun Roy
62. Bimalendu Sen Gupta
- Manik Ratan Bhowmik
64. Tapan Kumar Ghosh
65. Swapan Kumar De
66. Somnath Mitra
- Sambhu Nath Ghanta
68. Sekhar Kumar Dutta
69. Amal Kumar Chakrabarti
70. Nirmal Kumar Das
71. Milan Gopal Ojha
72. Subir Goswami
73. Indrajit Paul
74. Barun Kumar Chakrabarti
75. Ramendra Narayan Saha
76. Tapan Kanti Dey
- Mriganka Kumar Mukhopadhyay
78. Dulal Chandra Das
79. Rabindranath Ghosh
80. Ranjit Kumar Biswas
81. Dilip Kumar Datta
82. Nisha Nath Chattopadhyay
83. Chanchal Kumar Tarafdar
84. Ratanmani Chakraborty
85. Dipak Kumar Paul
86. Arun Kumar Mitra
87. Ratan Kumar Deb
88. Tushar Kanti Sen
89. Amalanda Ghosh
90. Tapas Kumar Mukhopadhyay
91. Tarun Kumar Konar
92. Pranab Kumar Maiti
93. Ashoke Nath Banerji
94. Mrinal Kanti Das
95. Bikas Kumar Ray
96. Somdeb Pakrashi
97. Prabir Kumar Guha
98. Sitaram Chakrabarti
99. Asit Kumar Das
100. Sadhan Kumar Bandyopadhyay
101. G. B. Kulkarni
102. Ranee Chandra Ray
103. Shyamal Kumar Biswas
104. Sunil Chandra Gope
105. Apares Biswas
106. Siba Prasad Aich
107. Subodh Chandra Saha Ray
- Pratap Krishna Ghosh
109. Bibekananda Saha
110. Subhas Chandra Mondal
111. Saroj Kumar Gangopadhyay

112. Pratip Bandyopadhyay
 113. Asit Kumar Chakrabarti
 114. Tirthankar Adhikari
 115. Tarun Seth
 116. Tarit Kumar Mukhopadhyay
 117. Patit Paban Biswas
 118. Pranab Kumar De
 119. Dilip Kumar Sarkar
 120. Rabindra Nath Sen
 121. Sudhansu Sekhar Das
 - Pradip Kumar Das
 123. Kalyan Kumar Ray
 124. Jayanta Kumar Mitra
 125. Subhendu Ray
 126. Sudipto Kumar Sen
 - Amal Chandra Datta
 128. Suvendu Sekhar Dey
 129. Nobin Kumar Kumari
 130. Pradip Guha
 - Dipendra Nath Biswas
 132. Subir Chandra Sanyal
- FIRST CLASS*
(In order of merit)
133. Subimal Kumar Mukherjee
 134. Soumyen Ghosh
 - Sailendra Kumar Saha
 136. Pankaj Kumar Gangopadhyay
 137. Tapan Kumar Sen
 138. Pradip Kumar Karmakar
 139. Kiran Sankar Mukhopadhyay
 - Dhirendra Chandra Chakrabarty

SECOND CLASS
(In order of merit)

141. Nihar Kanti Roy
142. Haripada Saha
143. Ranadhi Nath Saraswati
144. Utpal Karmakar
145. Gour Madhab Das
146. Dwijendra Nath Rudra
- Bimal Narayan Chaudhuri
148. Sib Prasad Chandra
149. Supratim Majumdar
150. Bijoy Kumar Chowdhury
- Narayan Chandra Majumdar
- Ghanashyama Sahoo
153. Dipankar Basu
154. Tapas Bhowmick
155. Nani Gopal Bhowmik
155. Nani Gopal Bhowmik
156. Monoj Kumar Guha
157. Pritesh Chandra Ghose Roy
158. Arun Kumar Roy Choudhury
159. Debi Prasad Burman
160. Paresh Chandra Dhar
161. Amiya Kumar Das
162. Nirmal Kumar Sarkar
163. Ajit Kumar Chakraborty
164. Anil Kumar Chatterjee
165. Prabir Kumar Das
166. Rabindra Nath Samanta
167. Sudipta Ghosal
168. Debesh Chatterjee

Architecture

FIRST CLASS WITH HONOURS
(In order of merit)

1. Ramendranarayan De
2. Rita Sen Gupta
3. Mahuya Chakrabarti
4. Ashok Kumar Sarkar

FIRST CLASS
(In order of merit)

5. Asha Bhalaria
6. Dipali Gupta
7. Sunanda Amal Bose
8. Ratna Sen
9. Tapan Kumar Sinha
10. Dipak Kumar Chattopadhyay
11. Prabir Chakrabarti
12. Ratna Ray
13. Swapna Chattopadhyay
14. Srabani Paul

SECOND CLASS
(In order of merit)

15. Nilofer Kabir

Pharmacy

FIRST CLASS WITH HONOURS
(In order of merit)

1. Dhananjay Pal
2. Sajal Kumar Roy Choudhury
3. Ashoke Sinha
4. Saumya Priya Basu
5. Joydev Ghosh

FIRST CLASS
(In order of merit)

6. Debasis Chattopadhyay
- Anindya Kumar Mandal
8. Amit Kumar Mitra
9. Prabir Ranjan Ghosh
10. Ajit Kumar Samanta
11. Balarama Chattopadhyay
12. Samir Kumar Nag
13. Arun Kumar Kundu
14. Subhas Chandra Kundu
15. Sumanta Chaudhuri
16. Bratati Mitra
17. Basumitra Chaudhury
18. Pradip Kumar Roy
19. Asit Kumar Bhawal
20. Jahar Das Gupta
21. Shyamal Kumar Sarfar
22. Pradip Kumar Mallik

23. Nirmal Majumdar
24. Abhijit Sen
25. Subrata Chakrabarty
26. Biswajit Pattaraiik
27. Sajal Kumar Bhadra
28. Prabal Guha
- Banga Bihari Swain
30. Dilip Kumar Chakrabarti
31. Parag Mukhopadhyaya
32. Debabrata Ghosh
33. Prabir Kumar Mitra
34. Buddhadeb Chakrabarty
35. Sambhu Nath Mukhopadhyay
36. Anamika Das
37. Sujay Kumar Ghosh
38. Sujan Kumar Sen Roy
39. Roshan Lal Dass
40. Gautam Kumar Mukhopadhyaya
41. Hirak Das Sarma
42. Ramen Basu
43. Dilip Kumar Chakrabarti
44. Predman Krishen Koul

SECOND CLASS
(In order of merit)

45. Jahar Lal Choudhuri

BACHELOR OF TECHNOLOGY

Food Technology & Bio-Chemical Engineering

FIRST CLASS
(In order of merit)

1. Amares Kumar Mitra
2. Ajit Kumar Banik
3. Ajay Dasgupta
4. Pradyot Kumar Majumdar
5. Dilip Kumar Das Gupta
6. Tarun Kumar Gupta
7. Gostha Behari Pradhan

SECOND CLASS
(In order of merit)

8. Nirmalendu Ghosh
9. Samir Kumar Ghosh
10. Basudeb Gupta

Instrumentation & Electronics Engg.

FIRST CLASS WITH HONOURS
(In order of merit)

1. Chandi Das Sinha
2. Dhisankar Sanyal

3. Mridul Kanti Chakraborty
4. Nirmal Kanti Paul
5. Gopal Das Binani

FIRST CLASS
(In order of merit)

6. Kanai Lal Roy
7. Manas Kumar Biswas

8. Pradip Ranjan Das Gupta
9. Amitava Sen Gupta
10. Salil Kumar Gupta
11. Umasankar Tah
12. Jagannath Chakravorti
13. Achintya Kumar Biswas
14. Akhil Kumar Chakrabarti
15. Debasish Sanyal

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