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# Information and Announcements

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## Indian Statistical Institute Starts New Undergraduate Programme

The Indian Statistical Institute has been conducting for four decades, an undergraduate programme in statistics leading to the B.Stat. (Hons.) degree. The need for a similar high-quality programme in mathematics has been felt for quite some time. The Indian Statistical Institute is glad to announce a 3-year B.Math. (Hons.) Programme at its Bangalore Centre. This programme includes four computer science courses and a course in discrete mathematics which will give a solid foundation for pursuing computer science more seriously at a later stage. There are also courses in physics, probability and statistics which will enable students to take up these fields later if they so desire. The Institute is also planning to start a master's programme in mathematics as a follow-up of this programme. The Institute also offers several other programmes, details of which can be seen in the attached advertisement. For detailed information about the Indian Statistical Institute and its various programmes, please see *Resonance*, Vol. 1, No.5, p. 93,1996.

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### INDIAN STATISTICAL INSTITUTE

203 BT Road, Calcutta 700 035

ADMISSION NOTICE I

SESSION: 2000-2001

Applications are invited for the following programmes from candidates having qualifications as shown against each programme. Stipend as mentioned against each programme will be available for deserving candidates.

- 1. 3-year B.Stat. (Hons.):** Successful completion of 10+2 years of secondary education or equivalent with Mathematics and English. Stipend Rs.500/- per month.
- 2. 3-year B.Math. (Hons.):** Successful completion of 10+2 years of secondary education or equivalent with Mathematics and English. Stipend Rs.500/- per month.
- 3. 2-year M.Stat.:** 3-year Bachelor's degree with Statistics or Mathematics as a full subject, but those without Statistics must have outstanding mathematical ability. Holders of Statistician's Diploma/Senior Diploma of ISI are eligible for admission to the second year of the course. Stipend Rs. 800/- per month.
- 4. 2-year Master of Science (M.S.) in Quantitative Economics:** 3-year Bachelor's degree in Economics/Mathematics/Statistics/Physics. Engineering graduates are also eligible. Candidates should have knowledge of Economics and Mathematics at the B.A./B.Sc. pass level. Stipend Rs. 800/- per month.
- 5. 2-year M.Tech. in Computer Science:** (i) Master's degree in Mathematics/Statistics/Physics/Electronic Sciences/Computer Science/ Computer Applications/Business Administration, or (ii) a Bachelor's degree in Engineering/Technology. Knowledge of Mathematics at graduate level is essential. Stipend Rs. 2500/- per month.
- 6. 2-year M.Tech. in Quality, Reliability and Operations Research:** (i) Master's degree in Statistics with knowledge of SQC & OR or Bachelor's degree in Engg./Tech. and (ii) knowledge of Physics, Chemistry (H.S. level) and Mathematics (graduate level). Stipend Rs. 2500/- per month.

**7. Junior Research Fellowships:**

- (a) **Statistics/Mathematics:** Master's degree in Statistics/Mathematics. Bachelor's degree holders with Statistics/Mathematics as the main subject and having outstanding mathematical maturity may also apply.
- (b) **Economics :** Master's degree in Economics or Master's degree in Sociology with Mathematics/Statistics and Economics at Bachelor's level. Bachelor's degree holders with Economics as the main subject and having outstanding mathematical maturity may also apply.
- (c) **Psychology:** M.A./M.Sc. in Psychology.
- (d) **Demography:** Master's degree in Statistics/Demography/Population Studies/Population Science.
- (e) **Computer and Communication Science:** (i) M.E./M.Tech. or equivalent degree in Electronics/Computer Science/Electrical Engineering or (ii) M.Sc./M.A./M.C.A. or equivalent in Physics/Mathematics/Statistics/Computer Science/Electronic Sciences. Outstanding candidates with B.E./B.Tech. or equivalent degree in the above subjects may also apply.
- (f) **Discrete Mathematics and Theoretical Computer Science:** Same as in (e) with strong mathematical background.
- (g) **Physics and Applied Mathematics:** M.Sc. in Physics/Mathematics/Statistics.
- (h) **Geology:** M.Sc. or equivalent degree in Geological Sciences.
- (i) **Bio-chemistry:** M.Sc. in Biochemistry/Biophysics/Life Science/Biotechnology.
- (j) **Anthropology:** M.Sc. in Anthropology with specialization in Physical/Biological Anthropology.
- (k) **Library and Information Science:** Associateship in Documentation and Information Science of ISI or INSDOC or Master's degree in Library and Information.

Stipend for (a) to (k) : Rs. 5000/- per month.

**8. 2-year Specialist Development Programme in SQC & OR:** M.Sc./B.E. or equivalent with Diploma in SQC & OR of ISI or one year P.G. training in SQC & OR in industry with adequate applied work. Stipend Rs. 5600/- per month.

**9. 1-year Certificate/2-year Diploma in Computer Programming and Applications:** Three year B.A./B.Sc. degree with Mathematics as one of the subjects. A tuition fee of Rs. 3000/- per year is charged for this course. (Hostel facilities are not available for the students of this course).

**10. 1-year Part-time Certificate Course in Statistical Methods and Applications:** Graduates or Diploma holders in Engineering with knowledge of graduate level Mathematics. A tuition fee of Rs. 400/- is charged for this course. (Hostel facilities are not available for the students of this course).

The complete details are available in the prospectus. All programmes except 2 & 7(k) are offered in Calcutta whereas 3, 7(a) and 7(b) are offered in Delhi and Bangalore also. 10 is offered in Delhi also. 2 & 7(k) are offered only in Bangalore. Selection of candidates is based on academic record, written tests and interviews conducted by the Institute. Candidates who have been offered Junior Research Fellowships by the CSIR/NBHM may directly seek an interview at any time of the year for fellowships listed in 7, but for programmes 5 and 6, ISI written tests and interviews are compulsory even for candidates with valid GATE or CSIR test scores.

Limited hostel facilities are available. Selection tests for the programmes will be conducted at a number of centres in India and abroad. Candidates who are due to complete the qualifying examinations before 01 July 2000 may also apply. This date may be relaxed by the Institute in case of candidates with outstanding academic record and performance in the selection tests and interviews. Prospectus and application form can be obtained from the following offices of Indian Statistical Institute by post or in person.

- (a) **Dean of Studies, Indian Statistical Institute, 203 Barrackpore Trunk Road, Calcutta 700 035**
- (b) **Head, Delhi Centre, Indian Statistical Institute, 7, S.J.S. Sansanwal Marg, New Delhi 110 016**
- (c) **Head, Bangalore Centre, Indian Statistical Institute, 8th Mile, Mysore Road, R. V. College Post, Bangalore 560 059**
- (d) **Head, SQC Unit, Indian Statistical Institute, Chateau D' Ampa (1st floor), I 10 Nelson Manickam Road, Aminjikarai, Chennai 600 029**
- (e) **Head, SQC Unit, Indian Statistical Institute, Street No. 8, Habshiguda, Hyderabad 500 007**

from 14 February 2000 by paying an amount of Rs. 250/- in cash (between 11.00 a.m. and 2.00 p.m. on working days from Monday to Friday) or by bank draft in favour of "Indian Statistical Institute" payable at Calcutta (proper). Request for application forms should have mailing address in CAPITALS. Postal orders, money orders and cheques will not be accepted.

Last date for receiving requests for application forms: 10 March 2000  
 Last date for receiving completed application forms: 31 March 2000  
 Date of selection tests: 14 May 2000

