Curriculum Vitae

Name: **Goutam Biswas**

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Date of Birth : 9th November, 1954
Citizenship : Indian

Educational Qualifications:

Examination Passed	Division/ Grade/Marks	Year of Passing	Board / University	Specialization
H.S. Exam	1st Divn 65%	1971	W.B. Board of H.S. Examination	Science
B.Sc. (Sp. Hons.)	2nd Class 57%	1978	Calcutta University	Physics
B.Tech.	1st Class 88%	1982	Jadavpur University	Instrumentation & Electronics

Academic Award

Awarded University Medal for standing 1st in order of merit in Instrumentation & Electronics Engg at the B.Tech. Exam, 1982.

Employment Details:

Previous Employment —

Employer:	TELCO, Jamshedpur
Post:	Graduate Engineer Trainee
Period:	12th July, 1982 to 20th August, 1983
Nature of Job:	Computer Programmer

Present Employment —

Employer:	IIT, Kharagpur
Post:	Senior Research Assistant (SRA), Computer Sc. & Engg Department
Period:	From 1st September, 1983
Scale (present):	Rs. 8000 - 13500
Basic Pay:	Rs. 11850 (May 2007)

Teaching Experience: Please see Annexure I

B. Tech. Project Guidance:

- Implementation of Temporal Logic Programming Language (TEMPURA), V.V. Vinod, Rajiv Khemka, 1988 (with Dr. Sujoy Ghose)
- Design of an Assembler for the assembly language of 6502 microprocessor, Raghunath Mahapatra, 1989
- Design of an Assembler for the 68000 microprocessor, Arunava Chowdhury, 1990 (with Dr. I. Sengupta)
- Development of Printer interface and download facilities to 68000 microprocessor system, Subhadeep Duttachowdhury, 1990 (with Dr. I. Sengupta)
- Implementation of Term Rewriting Algorithms in a polymorphic functional programming language, Supriyo Ghosh, 1991 (with Prof. A. K. Majumdar)
- Implementation of a polymorphic functional programming language with type inferencing, Kuldip Ranka, Sanjay Kr. Jain, 1992
- Arabic Word Processor, Ala'a R.T. Al Ramahi, 1995

List of Referees:

1. Prof. Uttam Kumar Sarkar, Professor, Indian Institute of Management, Kolkata (**uttam@iimcal.ac.in**)
2. Prof. Prosenjit Gupta, Professor, International Institute of Information Technology, Hydrabad (**pgupta@mail.iiit.net**)
3. Prof. Soumen Chakrabarti, Associate Professor, Department of Computer Sc. & Engg., Indian Institute of Technology, Mumbai (**soumen@cse.iitb.ac.in**)
4. Prof. Saugata Basu, Associate Professor, School of Mathematics, Georgia Institute of Technology, USA (**saugata@math.gatech.edu**)
5. Prof. Supratik Chakrabarty, Assistant Professor, Department of Computer Sc. & Engg., Indian Institute of Technology, Mumbai (**supratik@cse.iitb.ac.in**)
6. Mr. Krishnendu Chatterjee, Grad Student, Department of EECS, University of California Berkeley, USA (**c_krish@hig.eecs.berkeley.edu**)
7. Mr. Arindam Chakrabarti, Grad Student, Department of EECS, University of California Berkeley, USA (**arindam@eecs.berkeley.edu**)

Annexure

Theory Courses(1986 - 2004)

Academic Year & Semester	Course No and Name	Students
1986-87 Autumn	17603: Discrete Structures (Portion on Algebra)	M.Tech. (CSE)
Spring	17420: Theory of Computation	B.Tech. (CSE)
1987-88 Autumn	17603: Discrete Structures (Portions on Algebra and Combinatorics)	M.Tech. (CSE)
Spring	17420: Theory of Computation	B.Tech. (CSE)
	17322: Introduction to Digital Computer Organization	B.Tech. (EE & Instr)
1988-89 Autumn	17603: Discrete Structures	M.Tech. (CSE)
Spring	17322: Introduction to Digital Computer Organization	B.Tech. (EE & Instr)
	17454: Computer Applications in Architecture	B.Arch.
1989-90 Autumn	17603: Discrete Structures	M.Tech. (CSE)
	17201: Programming & Data Structure	B.Tech. (CSE, Physics)
Spring	17652: Computer Organization	M.Tech. (CSDP)

Academic Year & Semester	Course No and Name	Students
1990-91 Autumn	17201: Programming & Data Structure	B.Tech. (ECE)
	17619: Theory of Programming Languages	M.Tech. (CSE)
Spring	17652: Computer Organization	M.Tech. (CSDP)
	17420: Theory of Computation	B.Tech. (CSE)
1991-92 Autumn	17425: Automata and Formal Language Theory	B.Tech. (CSE)
	17451: Programming Methodology & Data Structure	B.Tech. (EE, Instr)
Spring	17652: Computer Organization	M.Tech. (CSDP)
	17328: Introduction to Digital Computer Organization	B.Tech. (EE, Instr)
1992-93 Autumn	17425: Automata and Formal Language Theory	B.Tech. (CSE)
Spring	17102: Introduction to Computing	U.G. 1st Yr.
1993-94 Autumn	17423: Theory of Programming Languages	B.Tech. (CSE)
	17461: Programming Methodology & Data Structure	U.G. 4th Yr.

Academic Year & Semester	Course No Name	Students
1993-94 Spring	17102: Introduction to Computing	U.G. 1st Yr.
	17412: Theory of Computation	B.Tech. (CSE)
1994-95 Autumn	17461: Programming Methodology & Data Structure	U.G. 4th Yr.
Spring	17102: Introduction to Computing	U.G. 1st Tr.
1995 - 1996 Autumn	17425 Automata and Formal Language Theory	B.Tech. 4th Yr. (CSE)
	17201 Programming and Data Structures	B.Tech. 2nd Yr. (E&ECE and others)
Spring	17102 Introduction to Computing	U.G. 1st Yr.
	17328 Introduction to Digital Computer Organization	3rd & 4th Yr. (Electrical, Instr.)
1996 - 1997 Autumn	172001 Programming & Data Structures	2nd Yr. (EE etc.)
Spring	172006 Discrete Structures	2nd Yr. (CSE)
	17328 Introduction to Digital Computer Organization	3rd & 4th Yr. (Electrical, Instr.)

Academic Year & Semester	Course No Name	Students
1997 - 1998 Autumn	173001 Computer Org. & Architecture I	B.Tech. 3rd Yr. (CSE)
	17401 Compiler Design	B.Tech. 4th Yr. (CSE)
Spring	171002 Introduction to Computing	U.G. 1st Yr.
	172006 Discrete Structures	2nd Yr. (CSE)
1998 - 1999 Autumn	173003 Compiler Design	B. Tech. 3rd Yr. (CSE)
Spring	172006 Discrete Structures	2nd Yr. (CSE)
1999 - 2000 Autumn	173003 Compiler Design	B. Tech. 3rd Yr. (CSE)
2000 - 2001 Autumn	173003 Compiler Design	B. Tech. 3rd Yr. (CSE)
Spring	174016 Theory of Progr Languages	4th Yr. (CSE)
2001 - 2002 Autumn	CS21001 Discrete Structures	B. Tech. 2nd Yr. (CSE)
Spring	CS21004 Formal Lang. & Automata Th	2nd Yr. (CSE)

Academic Year & Semester	Course No Name	Students
2002 - 2003 Autumn	CS30053 Foundations of Computing	B. Tech. 3rd Yr. (IT Elec.)
Spring	CS13002 Prog. & Data Structures	1st Yr.
2003 - 2004 Autumn	CS30053 Foundations of Computing	B. Tech. 3rd Yr. (IT Elec.)
Spring	CS21004 Formal Lang. & Automata Th	2nd Yr. (CSE)
2004 - 2005 Autumn	CS40013 Adv. Computer Architecture	B. Tech. 4th Yr.
Spring	CS21004 Formal Lang. & Automata Th	2nd Yr. (CSE)
2004 - 2005 Autumn	CS33007 Operating System	B. Tech. 3rd Yr.
2005 - 2006 Autumn	CS33007 Operating System	B. Tech. 3rd Yr.
Spring	CS21004 Formal Lang. & Automata Th	2nd Yr. (CSE)
2006 - 2007 Autumn	CS33007 Operating System	B. Tech. 3rd Yr.
Spring	Special Lectures on Theory of Computation	Course was not taken by sufficient number of students

There are one or two laboratory courses per semester which I have not mentioned explicitly for the recent years.

Laboratory Courses

- Computing Laboratory
- Programming & Data Structures Laboratory
- Compiler Constructions Laboratory
- Operating System Laboratory
- Pulse & Switching Laboratory
- Computer Organization Laboratory
- Microprocessors Laboratory
- Operating System Laboratory

Additional Teaching/ Lectures

- Microprocessor Training Programme for Engineering College Teachers (HRD).
- Teachers Training Programme for CLASS project.
- Visiting Lecturer in B.E. College, Shibpur for part of the year 1985-86.
- Training for Engineers of South Eastern Railway.
- Advanced Microprocessor course for Engineering College teachers.
- Special Lecture UP Technical University - 2001
- Special Lecture Tezpur Central University - 2002
- Special Lecture Siliguri Institute of Technology - 2002