P S G College of Technology, Coimbatore
Five Year Integrated
M.Sc Software Engineering,
M.Sc. Theoretical Computer Science

Eligibility for Admission

An excellent academic record in Higher Secondary Examination or equivalent (above 85% after normalizing CBSE/HSC/ICSE streams) with Mathematics and Physics / Computer Science as two of the four subjects of study.

Admission Procedure

Based on the ranking in the plus two examination (after normalizing CBSE / HSC / ICSE Stream), short listed candidates will be called for a personal interview to be conducted at the college during the first week of June 2008. A call for interview does not however confer any right of admission. Only successful candidates will receive communication about the selection for admission.

The Department

The Department of Mathematics and Computer Applications comprises of dedicated faculty members who are undoubtedly the assets, worthy of mention. The Department is known for its discipline and for the importance it gives to the overall development of students in grooming them towards good software professionals. The Department has its own library with latest books, national and international journals and magazines. The computer centre is well equipped with the latest hardware and software. To keep in touch with the ever - growing technology, the faculty members participate regularly in refresher courses and symposia conducted by various Universities, Research institutions and professional bodies like Computer Society of India. The Department organizes technical symposia at national and international levels at regular intervals. The Department also encourages the faculty members and students to undertake research activities in various fields of Computing. Apart from stressing on consistent and good academic performance, the Department encourages participation in co-curricular and extracurricular activities to bring out the latent talents in its students. The students are provided with ample opportunities to improve their organizational skills and group dynamics. They are motivated to handle seminars and to participate in group discussions.

Apart from these Integrated courses, the Department offers two other PG Programmes : a two year MSc (Applied Mathematics) programme with Computer Science specialization and a three year MCA Programme.

The Programmes

PSG College of Technology introduced Five year integrated M.Sc. Software Engineering programme for the first time in the country during the year 1997 which has been well received by leading software industries across the globe with an average salary of Rs.5.5 lakhs per annum. Five year integrated M.Sc. Theoretical Computer Science is yet another innovative programme introduced by PSG Tech in collaboration with leading software houses. Any industry grows only if it has a strong R&D division. In order that Research be fruitful, the R&D Team should have persons with strong theoretical background. “It is the theory that describes what can be observed”, said Albert Einstein.

The Programmes are a ten semester post graduate course after higher secondary, designed to meet the needs of the IT Industry and gain a deeper understanding of Software Engineering principles so that they could be absorbed in the software houses as tailor made products and as human resources of the R&D divisions of software industries.

The MSc Software Engineering course aims to develop the students with the knowledge and skill to apply computers for productive work in business, scientific applications in industry and research laboratories, and for higher learning.

The role of theoretical computer scientists today is to examine the fundamental problems of the field through modeling, performance analysis and solving by experimentation. General computer science research has also changed very significantly as well. Because modern computer systems are often too large to be studied solely through experimentation, even “practical” computer scientists find themselves using models and analysis, the tools of theoretical computer science, to study these systems.

Theoretical computer scientists have driven the development of science of computing and make up the majority of the winners of the Turing Award (the “Nobel Prize” in the field of computing). Without these scientists the world of computing as we know it, would not exist.

The field of theoretical computer science is interpreted broadly so as to include algorithms, data structures, computational complexity theory, distributed computation, parallel computation, secured computation, data mining, machine learning, computational biology, computational geometry, information theory, cryptography, quantum computation, computational number theory and algebra, program semantics and verification, automata theory and the study of randomness. Work in this field is often distinguished by its emphasis on mathematical technique and rigor.

CURRICULUM

M.Sc. (Software Engineering)

SEMESTER 1

Theory	English
	Mathematical Methods
	Applied Physics
	Analog & Digital Electronics
	C Programming
Practical	Engineering Drawing
	Programming Lab (Pascal and C)
	Applied Physics and
	Digital Electronics Laboratory

SEMESTER 2

Theory	Probability and Statistics
	Applied Scientific Computing
	Data Structures and Algorithms - I
	Object Oriented Programming
	Computer Organisation
Practical	Object Computing Lab
	Data Structures Laboratory - I (C, C++)
	Data Processing Laboratory

M.Sc. (Theoretical Computer Science)

SEMESTER 1

Theory	English
	Mathematical Methods - I
	Applied Physics
	Analog & Digital Electronics
	Problem Solving & C Programming
Practical	Applied Physics Lab
	PC Software & Computing Lab
	Digital Electronics Lab

SEMESTER 2

Theory	Probability and Statistics
	Mathematical Methods - II
	Linear Algebra and its Applications
	Object Oriented Programming
	Computer Organisation and Assembly Language Programming
Practical	Object Oriented Programming Lab (C++ & Java)
	Mathematical Computing Lab
	Assembly Language Programming Lab

SEMESTER 3

Theory	Discrete Structures
	Quality Control and Reliability
	Structured System Analysis & Design
	Data Structures & Algorithms - II
	Microprocessor Systems & Programming
Practical	Windows Programming Lab
	Data Structures Laboratory - II (C, C++)
	Assembly Language Programming Laboratory

SEMESTER 4

Theory	Accounting & Financial Management
	Data Communication Networks
	Database Management System
	Operating Systems
	Computer Graphics
Practical	Computer Networks Laboratory
	RDBMS Laboratory
	Computer Graphics Lab

SEMESTER 5

Theory	Unix Architecture & Programming
	Java Programming
	Multi-Tier Computing
	TCP/IP Networks and Applications
	Object Oriented Analysis & Design
Practical	Multi-Tier Computing Lab
	TCP/IP Applications Lab
	Unix Shell and System Programming Lab

SEMESTER 6

Theory	Distributed Component Architecture
	System Software
	Enterprise Computing
	Software Testing
	Elective - I
Practical	Communication Skills
	Enterprise Computing Lab
	System Software Lab
	Distributed Component Architecture Lab

SEMESTER 7

Industry Project Work and Viva Voce - I

SEMESTER 8

Theory	Software Process Management
	Soft Computing
	Software Project Management and Quality Assurance
	Applied Combinatorics
	Elective - II - Self Study
Practical	Applied Combinatorics Lab
	Soft Computing Laboratory
	Elective Laboratory - I

SEMESTER 9

Theory	Principles of Management
	Security in Computing
	Elective - III - Self Study
	Elective - IV
	Elective - V
Practical	Security in Computing Laboratory
	Elective Laboratory - II
	Elective Laboratory - III

SEMESTER 10

Industry Project Work and Viva Voce - II

ELECTIVES : • Data Mining • Human Computer Interaction • Information Life Cycle Management • Knowledge Management • Mobile Computing • Multimedia Communication Systems • Open Source Systems • Requirements Engineering • Semantic Web • Service Oriented Architecture • Software Metrics • Software Patterns • Storage Networks • Web Services • XML and its Applications.

SEMESTER 3

Theory	Abstract Algebra
	Mathematical Programming Techniques
	Discrete Structures
	Operating Systems
	Data Structures and Algorithms
Practical	Operating Systems Lab
	Data Structures Lab
	Mathematical Programming Techniques Lab

SEMESTER 4

Theory	Advanced Data Structures
	Graph Theory and Combinatorics
	Data Base Design
	Computer Networks and TCP/IP Programming
	Stochastic Processes
Practical	Computer Networks & TCP/IP Lab
	RDBMS Lab
	Advanced Data Structures Lab

SEMESTER 5

Theory	Computational Number Theory & Cryptography
	Computer Graphics
	Principles of Compiler Design
	Software Engineering
	Theory of Computing
Practical	Principles of Compiler Design Lab
	Computer Graphics Lab
	Software Engineering Lab

SEMESTER 6

Theory	Security in Computing
	Design and Analysis of Algorithm
	Software Patterns
	Program Semantics & Verification
	Elective - I
Practical	Security in Computing Lab
	Software Patterns Lab
	Elective Lab - I

SEMESTER 7

Industry Project Work and Viva Voce - I

SEMESTER 8

Theory	Parallel and Distributed Algorithm
	Mathematical Modelling
	Soft Computing
	Elective - II
	Elective - III
Practical	Parallel and Distributed Computing Lab
	Soft Computing Lab
	Elective Lab - II

SEMESTER 9

Theory	Software Quality Assurance and Testing
	Data Mining
	Computational Geometry
	Elective - IV
	Elective - V
Practical	Software Quality Assurance and Testing Lab
	Elective Lab - III
	Elective Lab - IV

SEMESTER 10

Research and Development Project and Viva Voce - II

ELECTIVES : • Digital Image Processing • Modelling and Simulation • Data Compression • Rough Sets • Quantum Computing • Wavelet Transforms and Applications • Machine Learning • Randomized Algorithms • Formal Methods in Theorem Proving • Advanced Computer Graphics • Multi Paradigm Programming Languages • Stochastic Modelling

Faculty

Dr. R. Nadarajan M.Sc., Ph.D.
Object Computing, DBMS, Queueing Theory, Data Mining

Dr. R. Arumuganathan M.Sc., M.Phil., Ph.D.
Number Theory, Queueing Theory, Quantitative Techniques

Dr. R. Anitha M.Sc., M.Phil. Ph.D.
Graph Theory, Theoretical Computer Science, Cryptography

Dr. G.A. Vijayalakshmi Pai M.Sc., M.Phil., Ph.D.
Computational Intelligence, Computational Finance

Ms. N. Geetha M.C.A., M.Phil.
UNIX, DBMS, Machine Learning

Dr. A. Sankar M.Sc., M.Phil., Ph.D.
Software Engineering, Interconnection Networks, Discrete Structures, MIS.

Dr. G. Arulmozhi M.Sc., M.Phil., Ph.D.
Quantitative Techniques, Applied Statistics, Reliability Theory

Dr. R. Manavalan M.Sc., M.Phil., Ph.D.
Component based Software Engineering, Model driven development, Enterprise Computing.

Mr. M. Balasubramanian M.Sc., M.Phil.
Operations Research, Queueing Theory

Mr. N. Mohanraj M.C.A., M.Phil.
Object Oriented Computing, Software Engineering

Dr. G. Sai Sundara Krishnan M.Sc., M.Phil., Ph.D.
Applied Mathematics, General Topology

Ms. C. Porkodi M.Sc.,M.Phil.
Cryptography, Applied Statistics

Ms. K. Sangavai M.Sc., M.Phil.
Applied Mathematics, Graph Theory

Ms. A. Kalyani M.C.A., M.Phil.
Computer Networks

Ms. T. Vasanthi M.Sc., M.Phil.
Reliability Theory, Optimization Techniques

Mr. M. Haridass M.Sc., M.Phil.,
Applied Mathematics, Queueing Theory

Ms. M. Suganthi M.Sc.
Stochastic Processes, Functional Analysis

Mr. RM. Periakaruppan M.Sc., M.C.A.
Web Technology, Mobile Computing

Mr. V. Venkatesan M.Sc., M.Phil., M.B.A.
Software Engineering, Operating Systems, Security in Computing, OOPS

Ms. V. Jailaxmi M.Sc., M.Phil.
Fluid Dynamics, Applied Mathematics

Ms. B. Sridevi M.Sc., M.Phil.
Fuzzy Logic, Combinatorics

Ms. R.S. Lekshmi M.Sc., M.Phil.
Applied Mathematics, Graph Theory

Mr. P. Senthil Kumar M.Sc., M.Phil.
Linear Algepra, Wavelet Analysis

Mr. M. Senthil Kumar M.Sc. M.Phil.,
Retrial Queue, Computer Networks

Mr. A. Muthusamy M.Sc., M.Phil.
Theoretical Computer Science, Data mining, Rough Sets

Ms. S. Geetha M.Sc., M.Phil.,
Operating System, Soft Computing

Ms. R. Vijayalakshmi M.C.A., M.Phil.,
Data Mining, Software Engineering, OOPS, Data Structures

Mr. V. Senthil Kumaran M.Sc.M.Phil., M.Tech,
Web Services, Semantic Web, OOPs

Mr. R.S. Sankarasubramanian M.Sc.
Computer Graphics, Security in Computing, Cryptography, Applied Mathematics

Mr. N. Ilayaraja M.C.A.
DBMS, OOPS, Pervasive Computing

Mr. N. Rajamanickam M.C.A
Enterprise Computing,Computer Organization

Ms. G. Priyalakshmi M.C.A.
OOPS, RDBMS, Operating Systems

Ms. N.C. Suganya M.Sc.
Applied Mathematics, Operations Research, Computational Finance

Ms. A. Muthulakshmi M.Sc.
Cryptography

Ms. Shina Sheen M.C.A.
Computer Networks

Ms. B. Malar M.C.A., M.Phil.
Data Structures, OOPS, C++

Ms. M. Radhiga M.Sc., M.Phil.
Graph Theory

Ms. M. Bagyalakshmi M.Sc., M.Phil
Fluid Dynamics

Ms. R. Latha M.Sc., M.C.A., M.Phil
Image Processing, Operating Systems Data Structures and Alogorithms, Distributed databases

Ms. N. Geetha M.C.A.
Programming Languages, OOPS

Mr. P. Muthu Kumar, M.Sc., M.Phil
Mathematics

Mr. V. Suresh Kumar M.Sc., M.Phil
Applied Mathematics

Mr. R. Vijayakumar M.Sc., MCJ, M.Phil
Java and Internet Programming

Ms. G. Venkateswari M.Sc., M.Phil
Fuzzy Mathematics and its applications

Ms. S. Anandhi MCA., M.Phil
Web Technology

Visiting Faculty

Mr. K. Murali Mohan B.E., FCA
Chartered Accountant
M/s. S. Krishnamoorthy and Co. Coimbatore

Mr. A. Kalyana Sundaram. M.Com, AICWA
Manager-Finance
PSG Industrial Institute

Internship

As part of the curriculum, the students are required to undertake two projects each of duration six months, which provide them hands on training, thereby exposing them to the requirements and the pre-requisites of the Industry. The Seventh Semester (May – October) and Tenth semester (November - April) are devoted entirely to project work, which is usually taken up by the students at software industries and research institutions, thereby enabling them to have industrial and R&D exposure. This not only gives the students an opportunity to work in a challenging environment with state-of-the-art technology, but also, supplements their work culture through which they gain a mélange of managerial and technical skills.

Students have done their internships in companies like Microsoft, Intel, Honeywell, HP, Cisco, Novell, Oracle, Motorola, Texas Instruments, TCS, CTS, HCL, Wipro, Satyam Infoway, DE Shaw, ANZ IT, Goldman Sachs, IBM, Thorogood, Juniper Networks and are paid an attractive stipend during the period.

Extra Curricular Activities

In addition to the academic and curricular activities, the students actively participate in co-curricular and extra curricular activities. The Computer Applications Association, which is exclusively for the students of MCA, MSc (Applied Mathematics), MSc (Software Engineering) and MSc(Theoretical Computer Science) conducts various activities for the benefit of the students. Special lecture meetings, invited talks and seminars are held regularly, for which experts in various fields from the industry and other institutions are invited to present their views regarding the latest trends and developments in the field of Information Technology. From avery humble beginning, the Association has, under the able guidance of the faculty advisors and the staff members of the Department, grown into being one of the most active associations in the college today.

The Association also brings out a quarterly newsletter “COMAPP COMMUNICATIONS”, which publishes papers and articles from its members, the Alumni of the Department and students from other branches of study within the college. The Editorial Board of Comapp Communications consists of students guided by a faculty member acting as the Chief Editor. COMAPP COMMUNICATIONS is released by the students themselves and each issue highlights a recent trend in the IT field, thus enabling the students to keep abreast of the ever-changing technology.

Under the auspices of the Association, the students organize a National Level Technical Symbosium, titled “LOGIN” every year. LOGIN, which was first hosted in 1990, has now grown into a national level Inter-collegiate Computer Festival, and has always attracted active participation from the students of MCA, MSc (Software Engineering) and MSc (Computer Science) from the various Universities and Institutions throughout the country.

The Association also encourages the students to participate in similar meets conducted by other Institutions. As a result of such constant support, the students have, over the years, been winning laurels outside the campus. Periodical industrial visits and active industry - institution interaction are a boon to the students in enhancing their skills.

Infrastructure

The College has a well equipped state-of-the art computer centre with latest software and Hardware. The Department has an Object Computing Lab, Multilingual Computing Lab, Soft Computing Lab, Mathematical Computing Lab, PSG - TCS Centre of Excellence in Software Engineering and Smart and Secure Environment Lab.

In addition to the Computer Centre, the college also has a well-equipped TIFAC-CORE Centre, CAD / CAM Centre, Virtual Reality Centre, Virtual Instrumentation Centre, Project IMPACT Centre, DSP Lab in Collaboration with Texas Instruments, PSG - Siemens Centre of Excellence in Automation and PSG Cognizant Open Source Lab with state-of-the-art facilities.

Internet Facilities

The College has a VSNL earth station which is one of its kind in Coimbatore. The College also possesses three Web Servers, namely www.psgtech.edu, www.psgtech.org and www.psgtech.ac.in. The college has a 8 Mbps leased line internet facility to which the students have round the clock access.

Library

The College has a well stocked, fully automated library. The library is one of the best equipped in terms of the number of books, back volumes and current journals subscribed. Apart from catering to the needs of the faculty and students, the library allows access to industrial associates of PSG College of Technology. The library has an excellent collection of more than one lakh books and more than four hundred international and national journals and magazines. The library has a good collection of CD-ROMs, to which students have free access. In addition to this, each Department maintains its own well-equipped library catering to the needs of its students.

Campus Placements

Students from PSG Tech have been absorbed by leading software houses of India and abroad through campus recruitment.

Partial list of IT organizations which visit PSG Tech for campus recruitment are :

- Accenture
- Birlasoft Ltd
- Celstream Technologies Pvt. Ltd.
- Cognizant
- DE Shaw
- Google
- HP India Software Operations
- IBM (I) Ltd
- Infosys Technologies
- Juniper Networks
- Motorola
- Oracle Software Development India Ltd.
- Satyam Computers
- Thorogood Associates
- Verizon Data Services
- Yahoo!
- ANZ IT
- Caritor India Pvt. Ltd.
- Cisco Systems
- Computer Associates
- Goldman Sachs
- HCL Technologies
- Huawei Technologies
- iflex Solutions
- Intel Technologies
- Microsoft (I) Dev. Centre
- Novell Software Development India Ltd
- OAT Systems
- Tata Consultancy Services
- Trilogy
- Wipro Technologies

Alumni Speak : Feedback about the Programme


(Batch: 1997 – 2002)

K Goutham

Cognizant, Chennai

The five year M.Sc Software Engineering programme designed and incorporated in 1997 by PSG Tech has been received well by the Industry over the past few years. The TWO SIX-Month projects that a student undergoes during the period of study enables him/her to know the nitty-gritty of the IT industry and that paves way for his/her betterment in the organization as and when he/she joins. The fundamental knowledge that a candidate gains over the 5-year period stays for ever as the foundation is strong-enough. I would strongly recommend this course for a candidate willing to explore in their academic and professional career.


(Batch: 1997 – 2002)

S R Malathy Priya

DELL Computers , Austin, USA

The five year course covered wide range of subjects in software field. The courses are structured to address the immediate demand and also futuristic needs of the software industry. The faculty helped us hone our soft skills (Presentation skills, interview skills to name a few) as well during the course work. During the course we did two six months internship in the industry which gave us a taste of the real world and played a major role in helping us make the transition from student phase to software professional life. This five year course prepared us to be competitive, analytical and street smart.


(Batch: 1997 – 2002)

A Satish

Reckitt-Beckinser, New Delhi

It was a very challenging 5 year period as we were the first batch of students from this course. The syllabus we had was always one step ahead of any course in any other college. This gave us an edge over every other course we had to compete with. Our two 6 months industrial training built a very strong team which had industry experience while going into Placements. This interaction with the corporate world set the tone for the placements. I am very proud to say that we have guys from our batch, present in almost all walks of the IT world.


(Batch: 1997 – 2002)

R Ranjeet

Cisco Systems, Bangalore

The course, with its right mix of strong theory base and industry hands-on, equips its students with the right attitude to excel in a wide variety of work domains in the software industry. An able leader assisted by his well-read staff, state-of-the-art infrastructure, a well-stocked world class library, a syllabus updated based on current industry trends, enviable placement opportunities and above all, an amazing college makes this course, one of the most sought after courses amongst students.


(Batch: 1997 – 2002)

Rohit M Bansal

Intel Technology India Pvt Ltd, Bangalore

Integrated M.Sc. Software Engineering course is one of the best gateways available today to the IT Corridors in India and abroad. Vast coverage of up-to-date electives and 2 full semester Internship programmes make this course a perfect fit to the demands of the industry. Besides, this course also provides sound insight into fundamentals that helps one to choose his/her own specialized area of interest to pursue.


(Batch: 1997 – 2002)

V Srirram

Motorola, Bangalore

The M.Sc. Software Engineering program 'produces' professionals with a strong foundation of technical and management skills that is required by the IT industry. Students of this program, gain practical experience in the industry during the five year tenure and are guaranteed with minimum one offer before they complete graduation. I'm pursuing the executive general management education program (PGSEM) offered by IIM Bangalore; with this background, I've taken up a new role as a technical marketing engineer - all within 4 years from the day I graduated.

K S Santhanalakshmi

SAP Global Delivery, Bangalore

(Batch : 1998 - 2003)

The MSC.(SE) course helps an individual to soar to great heights and achieve their true potential. At the outset, to be outdated of technology is a bane and hence the department ensures that the course curriculum is revised, thus providing the students with the capabilities to tackle any kind of challenges at work. The curriculum has a variety of basic/advanced subjects, wide range of electives and two internship programmes that helps a student to understand the culture of an IT firm so that the student can best fit in any IT firm once he/she graduates. And I would definitely recommend this single degree post-graduation course as the best course to anyone who would like to pursue their career in IT.

B Ajay

Infibeam.com, Ahmedabad

(Batch : 1998 - 2003)

A strong career in the software industry can only be built over a deep foundation in education. To my career, M.Sc. Software Engineering has provided that foundation. The curriculum is a perfect blend of the time tested fundamental computer science concepts and new technology, which is constantly upgraded with changing times. Over the last few years, I have worked on various challenging projects and on diverse technologies - but in the end, I always found myself going back to the basics I learnt as part of this course. Last but not the least, this course attracts great minds, creating an environment conducive to learning. All these qualities make this course "an offer you cannot reject".

L P Sathya

Motorola, Bangalore

(Batch : 1999 - 2004)

Being in a product oriented company, I am able to comply to the software quality standards of the industry; Thanks to the strong fundamentals which I got as part of the course. The course has given me great confidence to think dynamically from day one, and to come out with suggestions on various industry practices followed. The internship assignments provided me with practical exposure on the industry, helping me to be better equipped to build a successful career in this industry. In all, the course was instrumental in making me completely prepared to face the challenges which came to me and in being professionally sound in the industry.

R Gokul Raj

IBM, Hyderabad

(Batch : 1999 - 2004)

I am proud to be a part of the M.Sc. (Software Engineering) programme. The course offered me to explore the cutting edge technologies with excellent guidance from dedicated professors and lectures. The two internships played a vital part in the course, as it gave me an exposure to the IT industry. This shaped my profession that provided the zeal to face the global challenges in the IT world. Hats off to the Department for making me reach these heights.

V Vidya

Intel Technology India Pvt Ltd, Bangalore

(Batch : 1999 - 2004)

MSc (SE) is truly an integrated course that has helped me gain expertise in the IT domain both from the academic and the industry perspective. The curriculum is comprehensive and exhaustive and has the right balance of technical content and practical hands on work in the form of internship programmes. The course moulds a student into a Complete Software Professional and makes the transition from student to software professional smooth and easy.

(Batch : 2000 – 2005)

P Deepraj

Thorogood Associates, Bangalore

M.Sc. Software Engineering is an excellent, thought provoking course that helps you develop yourself, tackle problems in the real world. The judicious blend of theory and practice gives one the right platform to develop his/ her skills in various dimensions that would help him grow in today's IT industry. The course also builds within the student, a strong sense of leadership and team work that would give him a clear edge over his counterparts in the industry.

(Batch : 2000 – 2005)

Sangeeth Saravanaraj

Cisco Systems, Bangalore

This program is not just for career; this is for life where career is a part of it. The exposure we got from this program was phenomenal. The atmosphere in the department is great and it is one of the best places to learn and grow. All I can say is that this program gave us a third eye to see how world is moving and where we can position ourselves globally.

(Batch : 2000 – 2005)

P Sankarasivasubramanian

Novell, Bangalore

M.Sc. Software Engineering is a versatile course that offers students a lot of autonomy and provides exciting learning opportunities that helps in shaping up the careers of many a people. Driven by the values of innovation, problem-solving and team-work, the students experience distinctive education that gives them tools to pioneer solutions that typically software companies look for, that make us the much sought-after hot-cakes in the industry. It's always proud to be an alumnus of this course.

(Batch : 2000 – 2005)

Surekha Parvatham

Thorogood, Bangalore

M. Sc. Software Engineering, a course specially designed to nurture the future IT generation, provides the right blend of theory and practical courses to the students and transforms them to promising, young professionals. The course is customized to build in each student, a strong foundation for the technical and management needs of the software industry and also for pursuing higher education. I'm successful today and it makes me happy and proud to say that my wish to join this course in PSG College of Technology has borne fruits!

(Batch : 2001– 2006)

R Aparna

Intel Technology India Pvt Ltd, Bangalore

The M.Sc Software Engineering is a 5 year integrated course that gives an insight of both the academics and the industry. This course moulds a student to be a good professional. The unique feature of this course is the internship programme which gives an excellent opportunity to apply the theoretical knowledge in practice. If you want to be placed in a leading software company this is the right course for you!!

(Batch : 2001– 2006)

R Sathiya Priya

Microsoft, Hyderabad

I would say our course is the most efficient, effective and productive course that I know of. I learnt extensive areas in first year and (gradually) much anticipated areas deeper in second & third year. Then I gained real world experience in fourth & fifth year, figured out my major mistakes and rectified them before I entered the industry. Our course gave me the basics of everything that I need to know and by this I'm confident enough to place my hands on whatever I desire for.


(Batch : 2001– 2006)

S Kirubakaran

EMC^2, Bangalore

The 5 years integrated course Masters in Software Engineering is a unique programme in many aspects. The 2 six month internships provide invaluable experience and give the student an edge over his/her peers. The students are provided with an excellent environment and infrastructure to develop and sharpen their technical and soft skills and are well-supported by the distinguished faculty of the department.


(Batch : 2001– 2006)

R Madhumitha

Tata Consultancy Services, Chennai

I am proud to say that I was a student of this prestigious course in an esteemed institute. This course truly molds a beginner to a complete software engineer. The motivation for any value added activities comes from each and every staff of the department and you gain self interest by observing your fellow mates who are the creams selected from different geographic areas. The 2 semester projects to be done externally are one of the best parts of the curriculum. Being in India's top most company, I could feel myself outstanding in the team. The softies are stars who shine where ever they are.


(Batch : 2002– 2007)

D K Arun

DE Shaw, Hyderabad

M.Sc. (Software Engineering) is a wonderful course that can perfectly mold a fresh student from school into a competent software engineer. The trump card of this course is the seventh semester internship for 6 months. This is the only course that offers a 6-month industry experience prior to the placement interviews, thus providing a leading edge over other candidates. The laboratory sessions are really challenging and sharpen our software skills to fit into the creamy layer of the industry. From a personal standpoint, I feel this course has made me more mature and adaptive to the industry.


(Batch : 2002– 2007)

T Arun Raghavendar

Yahoo, Bangalore

"The only source of knowledge is experience" - Albert Einstein. The Five years integrated M.Sc.(Software Engineering) at PSG Tech believes this and helps you to gain the true knowledge through experience. This course provides its students with an excellent blend of practical and theoretical knowledge of all the aspects in Software Engineering. The course syllabus is rightly framed to meet the requirements of the competitive industry and it is maintained up to date. The two industry based internship gives the students a very good exposure towards the software industry and makes them experienced before they graduate, which no other course can offer.


(Batch : 2002– 2007)

S A Gopalakrishnan

Yahoo!, Bangalore

MSc Software Engineering is one of the rarest courses in india which gives students exposure to industry projects even before they complete the course. The biggest strength lies in the dedicated department which gives standard exercises / assignments to students which is the best way of continuous assessment. Equal importance is given to lab exercises on par with theory classes with state of the art lab facilities. The course gives enough time to do practical work as compared to other courses which have continuous theory classes for the whole day. All these good things are backed up by a great alumni strength spread across various IT firms.

G Haarish Komar

(Batch : 2002– 2007)

Thorogood Associates, Bangalore

I joined as a student with raw, untapped potential to be transformed into a true professional carrying the beacon that has forever been the pride of my PSGians over the years. Internships in the seventh and tenth semesters that help students to face and understand the industry, dedicated staff members, laboratory sessions for each subject that help blend theory with practice, the focus on the emerging trends in the industry by proper interaction with industrial experts and adding them to the syllabus, development of soft skills apart from the technical expertise gathered using seminars, workshops, technical symposiums, encouraging students to take up research while in college, etc. are a snapshot of the many positives of the course and these distinguish this course from the rest.

Parul Jalota

(Batch : 2002– 2007)

Goldman Sachs, Bangalore

MSc. Software Engineering has been a rewarding experience. This is a very well-structured course which, apart from making me a thorough technical expert, taught me to think critically and handle time-sensitive situations very well. There is immense focus on 'hands-on' learning in this course, which is one of the prime factors that helped me make the transition into the corporate world seamlessly. This course has seen arguably the best campus recruitments in the country. MSc. Software Engineering helped me shape up as an individual, and I am extremely proud to have been a part of it!

M Rajalakshmi

(Batch : 2002– 2007)

Juniper Networks, Bangalore

The M.Sc. Software Engg Course happened to be the perfect platform to kick start my career and eventually made it easier for me to adapt to the IT industry. The way in which the course is structured provided me an easy transition from a novice student to a budding IT professional. The quality that my department imparts in every individual helps them to increase their problem solving capabilities, which is the need of the hour. This course stands out among the rest, given the opportunity to work in leading IT companies for 2 terms , for a tenure of six months. This course is the main source of inspiration and has perfected the art of identifying talents hidden in students and provides the perfect environment to excel.

N K Shruthi

(Batch : 2002– 2007)

Motorola, Bangalore

M.Sc. Software Engg is a great course for those aspiring for a bright career. As a student of this course, I would say it has helped me a great deal in developing my technical skills by imparting the best of both theoretical and practical knowledge. Under the guidance of a skilled set of professors, I was able to get hands-on experience on whatever I studied. The unique and best part of the course is the 6-month internship during the 7th semester, which enabled me to get industrial experience that boosted up my confidence and added a great value during my placements. Now I find myself well molded right from when I joined to the completion of this course.

T Lokesh

(Batch : 2003– 2008)

Thorogood Associates, Bangalore

The course is well structured and designed ,has a clear flow from first year to final year which includes two intership programmes. Students are groomed and made adapted to constant technological changes. All kinds of industrial exposure and freedom to learn apart from course structure will motivate the students to establish their own identity. Quality of teaching and facilties provided by department, helps students to actively participate in various academic and extra-curricular events. Overall one can dream of a good course which perfectly tunes the student into professional.


(Batch : 2003– 2008)

R Padmasini

Cognizant, Chennai

I consider myself privileged for having done Msc SE at PSG Tech. The fascinating things I would like to mention are: The course structure - the organization of different subjects at different semesters is so appropriate. We cover almost all basic technologies and also the SDLC process which helps us in the industry. The packages we implement and submit develops our self learning and time management, which helps a lot in industry.


(Batch : 2003– 2008)

P K Preethi

Efficient Frontier, Bangalore

The course made me flexible enough to accustom and easily overcome the rapid changes in current IT industry. Apart from the bookish knowledge, it improved my lateral thinking which distinctly identifies me and my work in the industry. The course structure and the coaching strengthened my self confidence to excel in my career.


(Batch : 2003– 2008)

D Sowmiya

Oat Systems, Bangalore

The excellent coaching and dedicated services of the faculty members provided me a good opportunity to work in any industry / any environment around the globe. The course helps us to develop our technical skills which help to shape our career. There are lot of opportunities for other activities such as research work, extra curricular activities etc. The goodwill and reputation of the institution add more credit to establish a sound base for the career. I really feel proud and happy to have successfully completed my M.Sc Software Engineering in such a prestigious institution.


(Batch : 2003– 2008)

G Sreekanth

Tata Consultancy Services, Chennai

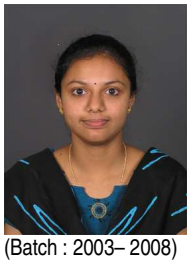
The student gets enough opportunity to get practical exposure in all the theoretical courses in the form of packages (mini project). The department encourages its students to actively involve in extra curricular activities. The department also got excellent faculty who are very good in technical aspects and also share a very good relationship with students. There are numerous placement opportunities. The two major internships are very unique to this course and the students get the opportunity to do internships at various big software industries. On the whole, this is the one course which shapes the future of a student with perfection.


(Batch : 2003– 2008)

N. Varunkumar

DE Shaw, Hyderabad

M.Sc (SE) is one of the most valuable programmes organized by Department of Mathematics and Computer Applications of PSG Tech. It served as a good platform for me to bring out my talent and skills. The kind of exposure we got with the industry during this programme was splendid. Each of us was given individual focus and was molded to succeed in life. Definitely, this programme will serve as a good start to the career for youngsters. Various events we organized during the course of this programme helped us improve our management skills. In short, M.Sc(SE) is a boon for youngsters like me. :)


(Batch : 2003– 2008)

S.P. Vinithra

Intel Technology India Pvt Ltd, Bangalore

M.Sc.(SE) is one of the prestigious courses offered by PSG College of Technology and I am privileged to be a part of it. The course curriculum that is constantly revised and upgraded to meet current industry needs makes it more unique and challenging. The one year internship period provides insight into the industry and helps to make smooth transition from a student to a software professional. Besides, this course provides excellent opportunity for students to improve their technical and soft skills, leadership qualities, problem solving capabilities and brings out the best in them.