

**PONDICHERRY UNIVERSITY**  
**PROFILE OF THE DEPARTMENT**  
**(FOR REACCREDITATION PURPOSE OF NAAC)**

(Wherever applicable select the closest option and strike out the others which are not applicable.  
 If something is Not Applicable write NA. Please use Separate Sheets wherever necessary)  
**(Information shall be given for the period from July 2004 to June 2009)**

**GENERAL INFORMATION**

1. Name of the Department		Department of Computer Science									
2. Location of Institution		Science and Humanities Block II									
3. Name and Address of Institution		Department of Computer Science Ramanujan School of Mathematics and Computer Science Pondicherry University Kalapet Pondicherry									
Web/URL Home page		<a href="http://www.pondiuni.edu.in">www.pondiuni.edu.in</a>									
Email											
4. Year (Date if available) of Establishment		1990									
5. Built-up Area in Sq. Ft.		20736									
6. Institutional Autonomy		Constituent department of this university									
7. Total Student Strength of the Department (2009)		323									
8. Programs Offered: M.Tech(CSE), M.Tech(NIE), MCA, M.Sc(CS) & M.Sc(C.S. integrated)											
8.(i) Post-Graduate: (Please specify courses. If necessary use additional sheets)											
Total Intake	Total Student Strength		Students from Pondicherry University		Students from Other Universities		Students from Other States		NRI Students		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	F	
MCA 107	86	21	18	12	68	9	62	8	NIL		
M.Sc 65	32	33	24	27	8	6	10	2			
M.Tech(CSE) 42	22	20	12	6	10	14	12	6			
M.Tech(NIE) 27	21	6	7	5	14	1	12	-			
M.Sc(Ing) 6	2	4	-	2	2	2	2	2			
MCA (KKL) 59	40	19	14	14	26	5	27	3			
8.(ii) Ph.D.: (Please specify subjects. If necessary use additional sheets)											
Total Intake	Total Student Strength		Students from Pondicherry University		Students from Other Universities		Students from Other States		NRI Students		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
17	10	7	5	6	5	1	5	1	Nil	Nil	
9. Number of Permanent Teaching Faculty		Male: 11 Female: 10      Total: 21									
10. Number of Teaching Posts Sanctioned		Professor: 4                      Reader: 4 Lecturer: 20									

	Others (Please specify): Sr.Tech Asst. 2 Lab. Assistant: 1(on contract)						
11. Number of Teaching Posts Occupied				Professor: 2 Reader: 1 Lecturer: 17 Others (Please specify): Professor(contract) - 1			
12. List of Technical Staff:							
Sl. No.	Name	Sex	Date of Birth	Date of Super-annuation	Technical	Designation	Highest Qualification
1	S. Parthiban	M	03-05-70	31-05-2030	Yes	Sr. Technical Assistant	MCA
2	K. Suresh	M	08-11-79	30-11-2039	Yes	Sr. Technical Assistant	MCA
13. Number of Administrative Staff				Clerical: Male: 1 Female: 1 Total: 2 Attenders: Male: 1 Female: - Total: 1 Peons: Male: Female: Total:			
14. Whether the Institution has been assessed and accredited by any Agency like NAAC/NBA/AICTE/DEC/etc.?				Accredited by NAAC. Approved by AICTE			
15. What are the admission policies in your institution? (Please strike our whichever is not applicable)							
(i) <b>Admission based on (i) and Entrance exam (University /State / National level):Yes , National level entrance exam.</b>							
(ii) Counselling for students done before Admission: No							
(iii) Counselling for students done after Admission: No							
(iv) Percentage of Reservations available for Admission under categories SC-27/ST-7/OBC 27/Sports-1/NRI-2/ Women / Category Percentage Internal students /Physically Challenged 3%/Domicile of State 25%/ Other State students / Wards of employees, etc.							
(v) Any others (please specify):							
16. Is there any review of the Admission Policy?				Yes			
17. When was the Admission Policy reviewed of late?				2008-09			
18. How are the courses / programmes advertised?				Through advertisements in Leading national level newspapers and in the university website.			
19. Number of Working days per semester?				104			
20. Number of Teaching days per semester?				90			
21. Are there any policy guidelines for curriculum revision?				Yes			
22. Is there any academic body for design and / or review of curriculum?				Board of Studies, School Board			

23. When was the curriculum last revised?	May, 2009
24. Are the curricula revised for all programmes simultaneously or partially?	Simultaneously
25. Does the institution have credit transfer system?	No
26. Methods of Instruction followed	Lectures, Tutorials
27. Exam. System followed	Written Exam, Laboratory Exams and Viva-Voce
28. Is there Internal Assessment? If yes, what percentage of the total is this and in what faculty?	Yes. 40 % Internal and 60% External for theory 75 % Internal and 25% External for Lab
29. Is there external valuation?	Yes
30. Has the institution introduced any innovations in exam?	Open book exams are conducted based on the subject requirements.
31. Are the exams held as per schedule? If not, give reasons.	Yes
32. Are the results declared as per schedule? If not, give reasons.	Yes
33. Grants received from various sources	UGC
34. Fee structure per annum: <b>Details Provided in Enclosure I</b> MCA - M.Sc - M.Tech - Ph.D -	

### GENERAL AND INFRASTRUCTURAL FACILITIES

35. Does the Institution have Dept. Libraries? Are these connected with the main Library?	Yes.
36. Area of the Library in Sq. Ft.	31,204 Sq.Feet. (Central Library)
37. Number of Books in the Library Number of Text books in the Library Number of Reference books in Library Number of Audio cassettes Number of Video cassettes Number of CD ROMS	5,152(including text and reference books in computer Science)  Nil Nil 150(kept in central library)
38. Number of Books purchased last year by Library	1,681(including text and reference books in computer Science)
39. Is there a Computer Laboratory?	Yes
40. Area of the Computer Laboratory in Sq.Ft.	3641
41. Number of Computers in the Institution	175
42. Number of Computers Available for use by Students	155
43. Number of Computers Available for Staff	20
44. Is the Administration of the Institution computerized?	No
45. Does the Institution have an Auditorium?	Yes
46. Does the Institution have Canteen facilities?	Yes
47. Does the Institution have a Student Centre?	No
48. Does the Institution have facilities for Indoor Games / Reading Room / etc. ?	Yes
49. Number of Class Rooms in the Institution Number of Laboratories Number of Reading Rooms Number of Staff Rooms Number of Common Rooms Number of Rest Rooms	9 6 -- 12 3 --

### RESEARCH AND DEVELOPMENT

50. Are the Faculty Members Active in Research?		Yes				
51. Research Projects Completed during last 5 years with Details: Nil						
52. Ongoing Research Projects, if any, with Details: (Please use separate sheet if necessary)						
Name of the Project	Name of the Principal Investigator	Funding Agency	Total Grant	Duration with Years	Number of Publications under the Research Project	Number of Patents, if any.
Collaborative Directed Basic Research in Smart and Secure Environment	Prof. S. Kuppuswami	NTRO (National Technical Research Organization)	Rs. 2,00,00,000	3 Years	--	--
Specialised Computer system, for Visually handicapped	Dr.S.Kuppuswamy	AICTE	Education skill	15 lakhs	3 years	
Optimal Parallel Scheduling Algorithm for Robotic ARM	Dr.R.Subramanian	AICTE		5 lakhs	3 years	
53. Has the Institution organized any Research Meetings During the last 5 years?				Yes		
54. Details of Research Meeting, if any, organized during last 5 years. (Please give separate list with full details, wherever necessary)						
Name of the Meeting	Level (National / International)	Type of Meeting (Seminar/ Workshop/ Conference/ Symposia/ Other (specify)	Number of Persons who attended (Male: Female: Total: )	Dates of the Meeting		
IACITS 2008 4 <sup>th</sup> Indo- Australian Conference on IT Security	International	Conference	198 (Male : 138 Female : 60)	27- 28 March 2008		

55. Has the Department Participated in any Special Schemes like UGC DRS / DSA / COSIP / ASIST / DST FIST / DBT , others. (Please Specify).	No
56. Has the Institution introduced any Innovations in Teaching (Please give details)	No

### INSTITUTIONAL / DEPARTMENTAL INFORMATION

57. Annual Budget of the Institution / Department during last 5 years.	04-05	Rs.28,51,996
	05-06	Rs.49,36,579
	06-07	Rs.23,93,071
	07-08	Rs.33,25,650
	08-09	Rs.56,67,211
58. Research Funds per Faculty Member during last 5 years		Rs.36,66,666
59. Ratio of Students to Faculty during last 5 years	04-05	6 : 1
	05-06	6 : 1
	06-07	7 : 1
	07-08	8 : 1
	08-09	8 : 1
60. Ratio of Number of Applications to Available Intake during last 5 years	09-10	7 : 1
	MCA :	1:50
	M.Sc :	1:15
	M.Tech:	1:40
61. Ratio of Number of Students Appearing for Exam. to Number of Successful Candidates during last 5 years (Final exam. Only)	04-05	100%
	05-06	100%
	06-07	100%
	07-08	99.5%
	08-09	100%

62. Number of Students Admitted to Various Programs (UG /PG / Certificate/ Diploma Courses)

Program	Year	General		SC		ST		Cat. I		OBC		Total	
		M	F	M	F	M	F			M	F	M	F
MCA	05-06	13	3	3	2		2			5	2	23	7
	06-07	15	6	4	1	1	1			4	2	24	10
	07-08	13	3	3	2		2			5	2	23	7
	08-09	7	2	4	-	1	1	1	--	11	5	24	8
	09-10	11	--	8	1	--	1	--	1	20	3	39	6
MSC	05-06	4	3	2	3		2			4	9	10	17
	06-07	4	4	1	5					9	7	14	16
	07-08	5	5	4	1	1	--			7	4	17	10
	08-09	2	4	3	1		-	-	1	8	8	14	13
	09-10	4	1	2	2					12	17	18	20
M.TECH NIE(Started during 07-08)	07-08	2	3	2		1				2	-	7	3
	08-09	3	3	2	-					-	1	5	4
	09-10	4	-	4	-	1	-			7	2	16	2
M.TECH CSE	05-06	6	3	3		1				3	2	13	5
	06-07	7	1	2	2	1				3	3	13	6
	07-08	6	3	-	1	-	-			2	2	8	6
	08-09	2	-	3	4					5	6	10	10
	09-10	2	2	3	1	2				5	7	12	10
MCA(KKL) Started during 07-08	07-08	1	1	2	2					5	7	8	10
	08-09	9	2	2	-					2	1	15	3
	09-10	11	1	2						6	5	19	6

during the last 5 years



63. Number of Student Drop-outs in Various Programs (UG /PG / Certificate/ Diploma Courses) during the last 5 years

Program	Year	General		SC		ST		Cat. 1		OBC		Total	
		M	F	M	F	M	F	M	F	M	F	M	F
<b>MCA</b>	<b>05- 6</b>												
	<b>06-07</b>	<b>2</b>	<b>2</b>	<b>2</b>						<b>1</b>	<b>1</b>	<b>5</b>	<b>3</b>
	<b>07-08</b>	<b>3</b>	<b>1</b>								<b>1</b>	<b>2</b>	<b>2</b>
	<b>08-09</b>			<b>2</b>						<b>4</b>	<b>1</b>	<b>6</b>	<b>7</b>
	<b>09-10</b>		<b>1</b>									---	<b>1</b>
<b>MSC</b>	<b>05- 6</b>												
	<b>06-07</b>				<b>1</b>							---	<b>1</b>
	<b>07-08</b>									<b>3</b>		<b>3</b>	---
	<b>08-09</b>			<b>2</b>						<b>2</b>	<b>5</b>	<b>4</b>	<b>5</b>
	<b>09-10</b>			<b>3</b>						<b>2</b>	<b>1</b>	<b>5</b>	<b>1</b>
<b>M.TECH NIE</b>	<b>07-08</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>
	<b>08-09</b>		<b>2</b>									<b>2</b>	---
	<b>09-10</b>			<b>1</b>	<b>1</b>							<b>1</b>	<b>1</b>
<b>M.TECH CSE</b>	<b>05- 6</b>												
	<b>06-07</b>			<b>1</b>	<b>1</b>					<b>1</b>		<b>2</b>	<b>1</b>
	<b>07-08</b>	<b>2</b>		<b>1</b>	<b>1</b>						<b>2</b>	<b>3</b>	<b>3</b>
	<b>08-09</b>	<b>2</b>	<b>2</b>									<b>2</b>	<b>2</b>
	<b>09-10</b>	<b>1</b>										<b>1</b>	---

	06-09	13	4	2	1	1	1			3	1	19	7
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64. Number of Students who Appeared for Final Exam. In Various Programs (UG /PG / Certificate/ Diploma Courses) during the last 5 years

Program	Year	General		SC		ST		Cat. 1		OBC		Total	
		M	F	M	F	M	F	M	F	M	F	M	F
MCA	01-04	21	1	3	2		2			1		25	5
	02-05	13	2	3	1		1			3	1	19	5
	03-06	20	2	2	3					1		23	5
	04-07	15	6	4	1	1	1			4	2	24	10
	05-08	13	3	3	2		2			5	2	23	7
	06-09	13	4	2	1	1	1			3	1	19	7
M.Sc.	03-05	6	3	1	1					5	3	12	7
	04-06	4	3	2	3	-	2			4	9	10	17
	05-07	4	3	1	2					6	8	11	13
	06-08	4	4	1	4					9	7	14	15
	07-09	6	5	4		1	1			6	4	17	10
M.TECH NIE	07-09	2	3	2		1				2	-	7	3
M.TECH CSE	03-05	6	3	1	1	1						8	4
	04-06	6	3	3		1				3	2	13	5
	05-07	7	1	2	2	1				3	3	13	6
	06-08	7	1	1	1	1				2	3	11	5
	07-09	5	3	1	1					2	2	8	6

65. Number of Students who Passed Final Exam. In Various Programs (UG /PG / Certificate/ Diploma Courses) during the last 5 years

Program	Year	General		SC		ST		Cat. 1		OBC		Total	
		M	F	M	F	M	F	M	F	M	F	M	F
MCA	01-04	21	1	3	2		2			1		25	5
	02-05	13	2	3	1		1			3	1	19	5
	03-06	20	2	2	3					1		23	5
	04-07	15	6	4	1	1	1			4	2	24	10
	05-08	13	3	3	2		2			5	2	23	7
	06-09	13	4	2	1	1	1			3	1	19	7
M.Sc.	03-05	6	3	1	1					5	3	12	7
	04-06	4	3	2	3	-	2			4	9	10	17
	05-07	4	3	1	2					6	8	11	13
	06-08	3	4	1	4					9	7	13	15
	07-09	6	5	4		1	1			6	4	17	10
M.TECH NIE	07-09	2	3	2		1				2	-	7	3
M.TECH CSE	03-05	6	3	1	1	1						8	4
	04-06	6	3	3		1				3	2	13	5
	05-07	7	1	2	2	1				3	3	13	6
	06-08	7	1	1	1	1				2	3	11	5
	07-09	5	3	1	1					2	2	8	6

66. Number of Students who Secured University Ranks (please specify) in Various Programs (UG /PG / Certificate/ Diploma Courses) during the last 5 years

Program	Year	General		SC		ST		Cat. 1		OBC		Total	
		M	F	M	F	M	F	M	F	M	F	M	F
MCA	05-06	1										1	
	06-07		1										1
	07-08										1		1
	08-09												
	09-10												
MSC	05-06		1										1
	06-07		1										1
	07-08										1		1
	08-09												
	09-10												
NIE	07-08												
	08-09												
	09-10												
CSE	05-06										1		1
	06-07		1										1
	07-08										1		1
	08-09												
	09-10												

67. Number of Students who won Recognitions in Various Fields (Academic / Cultural / Sports, etcetera (please specify) in Various Programs (UG /PG / Certificate/ Diploma Courses) during the last 5 years

Program & Field of Recognition	Year	General		SC		ST		Cat. 1		OBC		Total	
		M	F	M	F	M	F	M	F	M	F	M	F
		NIL		NIL		NIL		NIL		NIL		NIL	

68. Any Other Information

69. Contact Information of Institution / Department

Name of Contact Person	Prof. R. Subramanian
Address for Communication	Head, Dept. of Computer Science, Pondicherry University, Kalapet, Pondicherry.
FAX Numbers	
Telephone Numbers (please include codes)	0413-2654452
E-Mails	head.csc@pondiuni.edu.in

70. Any efforts made by the Department to promote Campus Recruitment -

- Training has been provided to the students by the alumni regularly
- Mock-interviews are conducted to make the students face the interviews efficiently
- Department has successfully maintained 100% placement record for all the eligible students.

71. Healthy practices of the Department.

- Department conducts a national level students meet every year called “Recursion”
- Department encourages students to participate in national level technical meets.
- Curriculum is updated regularly to catch-up the needs of the industry
- Coaching classes are conducted to assist the students appearing for various examinations like NET, SLET etc.

#### ADDITIONAL INFORMATION

Are there any overseas students? Nil

Department had overseas students under Study India Program (SIP) for specific subjects. Nil

Has the department organized

- Lectures:
  - MAC OS for Beginners
  - Wireless Network Security
  - Contour based circular objects extraction
  - Technical Writing and Information Modeling
  - Computers Past Present and future
  
- Workshops:
  - Train the Trainers
  - Sun Solaris Training
  - Introduction to Grid Computing
  - Data mining and Warehousing
  - Grid Computing: Technology and Future Research
  
- Seminars:
  - Research Methodologies in the field of Computer Science
  - Radio Frequency Identification
  - Data Warehousing and Data Mining
  - Leveraging The Curriculum And Building The Competency Of UG And PG Students
  - Service Oriented Architecture
  
- Conferences:
  - 4th Indo-Australia Conference on Information Assurance

If yes, what is the nature and extend of student participation?

All the departmental events have student's participation in both technical and managerial aspects.

No. of students who have passed the following during the last six years

- NET : 3
- SLET :
- CAT :
- TOEFEL :
- GRE :
- G-MAT :
- KAS :
- IAS :

- Defense entrance :
- Others : 5 Students have passed examinations conducted by Banks.

**Titles of Research Projects :**

Is there any Student Counseling center in the department? : Yes

Is there any Grievance Redressal cell? : Yes

When did the Alumni – Association of the department got established? How many members are actively involved ? Give enrolment statistics. :

Alumni association was started in the year 2001. It is named “Footprints”. Footprints is a registered association. Association conducts its meeting every year in the month of September. The participant’s details are as listed below

Place: Pondicherry

Date:

Signature with Seal of Chairperson

## Enclosure I – Fees Details

### Ph. D. Programme

Sl. No	Item	Ph. D. (all figures in Indian Rupees)		Account No
		Full-Time & Part-time Internal	Part-time External	
1	Research Fee: (p.s.):  For Foreign national (p.s.): SAARC/Developing Countries South-East Asian Countries Others:	1000 (Humanities) 12000 (Sciences)  US \$250 US \$500 US \$750	2000 2400  US \$250 US \$500 US \$750	201
2	Registration Fee	100	100	
3	Matriculation Fee	50	50	
4	Recognition Fee: For degrees from Indian Universities For Degrees from foreign universities	200 500	200 500	
5	Identity Card Fee	25	25	204
6	Sports Fee (p.a.)	100	100	
7	Medical examination Fee (p.a.)	50	50	
8	Library Fund (p.s.)	600	600	
9	Laboratory Fee Science Courses having laboratories (p.s.)	500	500	
10	Internet Fund (p.s.)	250	250	
11	Students' Welfare Fund (p.a.)	100	100	
12	Alumini Association Fund (to be paid before submission of thesis)	100	100	
13	Caution Deposit (Refundable) Laboratory (Science Courses) Library	500 500	500 500	



14	Group Medical Insurance (for full-time candidates only)	432	--	
15	University Development Fund	500	500	213

**M.Tech/ M.sc. (Computer Science)/ MCA**

<b>Sl. No</b>	<b>Item</b>	<b>M.Tech.</b>	<b>M.Sc. (CS), M.C.A.</b>	<b>Account No</b>
1	Tuition Fee: For Indian national (per credit) For Foreign national (p.s.) SAARC/Developing countries Non-SAARC countries	100 US \$500 US \$750	100 US \$500 US \$750	201
2	Registration Fee	100	100	
3	Matriculation Fee	50	50	
4	Identity Card Fee	25	25	
5	Recognition Fee: For degrees from Indian Universities For Degrees from foreign universities	200 500	200 500	204
6	Sports Fee (p.a.)	100	100	
7	Medical examination Fee (p.a.)	50	50	
8	Library Fund (p.s.)	250	250	
9	Computer Lab Fund (p.s.)	1250	1250	
10	Internet Fund (p.s.)	100	100	
11	Students' Welfare Fund (p.a.)	100	100	
12	Alumini Association Fund (to be paid during the final semester along with tuition fees)	100	100	
13	Caution Deposit (Refundable) Library Computer Lab	500 500	500 500	

14	Group Medical Insurance	304	304/432	
15	University Development Fund	1000	1000	213