

**PONDICHERY 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		<i>Centre for Pollution Control &amp; Energy Technology</i>									
2. Location of Institution		<i>Pondicherry University campus</i>									
3. Name and Address of Institution		<i>Pondicherry University</i>									
Web/URL Home page Email		<i>www.prof-abbasi.com</i>									
4. Year of Establishment		<i>1991</i>									
5. Built-up Area in Sq. Ft.		<i>10,000 Sq ft</i>									
6. Institutional Autonomy		-									
7. Total Student Strength of the Department (2009)		<i>56</i>									
8. Programs Offered:											
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	Female	
<i>MTech</i>											
<i>15</i>	<i>7</i>	<i>8</i>	<i>2</i>	<i>1</i>	<i>5</i>	<i>7</i>	<i>5</i>	<i>5</i>	-	-	
<i>MPhil</i>											
<i>9</i>	<i>4</i>	<i>5</i>	<i>1</i>	-	<i>3</i>	<i>5</i>	<i>2</i>	<i>2</i>	-	-	
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	
<i>3</i>	<i>2</i>	<i>1</i>	<i>2</i>	-	-	<i>1</i>	<i>2</i>	-	-	-	
9. Number of Permanent Teaching Faculty						Male:	Female:	Total:			
						<i>2</i>	<i>2</i>	<i>4</i>			
10. Number of Teaching Posts Sanctioned						Professor: <i>2</i>		Reader: <i>2</i>			

	Lecturer: 4 Others (Please specify): Lab. Assistant: 1						
11. Number of Teaching Posts Occupied	Professor: 1 Reader: — Lecturer: 3 Others (Please specify): —						
12. List of Technical Staff:							
Sl. No.	Name	Sex	Date of Birth	Date of Super-annuation	Technical	Designation	Highest Qualification
				Nil			
13. Number of Administrative Staff					Clerical: Male: — Female: 2 Total: 2 Attenders: Male: 2 Female: — Total: 2 Peons: Male: — Female: 2 Total: 2		
14. Whether the Institution has been assessed and accredited by any Agency like NAAC/NBA/AICTE/DEC/etc.?							
15. What are the admission policies in your institution? (Please strike out whichever is not applicable)							
(i) <del>Admission based on Marks in Qualifying exam alone :</del>							
(ii) Admission based on (i) and Entrance exam (University/State / National level):							
(iii) <del>Admission based on (i) and / or (ii) and / or (iii) and / or Interview / Group Discussion:</del>							
(iv) Counselling for students done before Admission:							
(v) Counselling for students done after Admission:							
(vi) Percentage of Reservations available for Admission under categories SC-2 + 1/ST-1+1/OBC /Sports-1/NRI-2/ <i>As per GoI norms</i> Women / Category Percentage Internal students /Physically Challenged /Domicile of State / Other State students / Wards of employees, etc.							
(vii) Any others (please specify):							
16. Is there any review of the Admission Policy?					Yes, every year		
17. When was the Admission Policy reviewed of late?					In 2009		
18. How are the courses / programmes advertised?					In national newspapers, web-site, direct correspondence		

19. Number of Working days per semester?	<i>150 (this centre functions 6 days a week)</i>
20. Number of Teaching days per semester?	<i>80</i>
21. Are there any policy guidelines for curriculum revision?	<i>Yes, through Board of Studies and School Board</i>
22. Is there any academic body for design and / or review of curriculum?	<i>Academic Council 2007</i>
23. When was the curriculum last revised?	<i>2007</i>
24. Are the curricula revised for all programmes simultaneously or partially?	<i>Simultaneously</i>
25. Does the institution have credit transfer system?	<i>No</i>
26. Methods of Instruction followed	<i>Continuous assessment</i>
27. Exam. System followed	<i>Semester-based external exam</i>
28. Is there Internal Assessment? If yes, what percentage of the total is this and in what faculty?	<i>Yes, 40%</i>
29. Is there external valuation?	<i>Yes, 60%</i>
30. Has the institution introduced any innovations in exam?	<i>Yes. Some parts are open-book.</i>
31. Are the exams held as per schedule? If not, give reasons.	<i>Yes</i>
32. Are the results declared as per schedule? If not, give reasons.	<i>Yes</i>
33. Grants received from various sources	<i>The usual UGC, grants</i>
34. Fee structure per annum:	<i>The general university norm</i>

### GENERAL AND INFRASTRUCTURAL FACILITIES

35. Does the Institution have Dept. Libraries? Are these connected with the main Library?	<i>Yes</i>
36. Area of the Library in Sq. Ft.	<i>250</i>
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	 — — <i>35</i>
38. Number of Books purchased last year by Library	
39. Is there a Computer Laboratory?	<i>Yes</i>
40. Area of the Computer Laboratory in Sq.Ft.	<i>750</i>
41. Number of Computers in the Institution	
42. Number of Computers Available for use by Students	<i>6</i>
43. Number of Computers Available for Staff	<i>4</i>
44. Is the Administration of the Institution computerized?	<i>Yes</i>
45. Does the Institution have an Auditorium?	<i>Yes</i>
46. Does the Institution have Canteen facilities?	<i>Yes</i>
47. Does the Institution have a Student Centre?	<i>Yes</i>
48. Does the Institution have facilities for Indoor Games / Reading Room / etc. ?	<i>Yes</i>
49. Number of Class Rooms in the Centre Number of Laboratories Number of Reading Rooms Number of Staff Rooms Number of Common Rooms Number of Rest Rooms	 <i>2</i> <i>5</i> <i>1</i> <i>4</i> — —

**RESEARCH AND DEVELOPMENT**

50. Are the Faculty Members Active in Research?	<i>Yes</i>
---	------------

51. Research Projects Completed during last 5 years with Details:

Name of the Project	Name of the Principal Investigator	Funding Agency	Thrust Area	Total Grant	Duration with Years	Number of Publications under the Research Project	Number of Patents, if any.
Hydrological and ecological studies on Oussudu (S. A. Abbasi)	S. A. Abbasi	Ministry of Water Resources, GOI	Ecorestoration	16.47	4	Book 1 Papers 8	-
Do develop a multi-module... (S. A. Abbasi)	S. A. Abbasi	Department of Science & Technology GOI	Risk assessment	10.69	4	Papers 6	-
To develop guidelines for the EIA of water resources projects (S. A. Abbasi)	S. A. Abbasi	Ministry of Water Resources, GOI	EIA	8.6	4	Books 2 Papers 5	-
Environmental Biotechnology (S. A. Abbasi)	S. A. Abbasi	AICTE	Environmental biotechnology	7.0	3	Papers 13	-
Landscape...city (S. A. Abbasi)	S. A. Abbasi	UGC	GIS	5.33	3	Papers 2	-
Water pollution control with high rate reactors (S. A. Abbasi)	S. A. Abbasi	CSIR	Pollution Control	5.64	3	Papers 3	-
Design and performance ... utilization (S. A. Abbasi)	S. A. Abbasi	CSIR	Pollution Control	5.64	3	Papers 2	-
Ecological Studies on the Conservation and Sustainable Management of Kaliveli Wetland	S. A. Abbasi	UGC	Environmental management	3.50	4	Book 1 Papers 7	-

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.
R&D -cum- action-cum- demonstration Project on Rainwater Harvesting... (S. A. Abbasi)	S. A. Abbasi	Ministry of Water Resources, GOI	30.51	4	Papers 4	1 (applied)
Design and optimization of vermireactors based on experimentation and modeling (S. A. Abbasi)	S. A. Abbasi	Department of Biotechnology GOI	14	4	Papers 8	-
Assessment of pollution control measures by the industries	Tasneem Abbasi	Government of Puducherry	3.0	1	Just started	-
Opening a new frontier: Termigration (just auctioned)	S. A. Abbasi	Government of Puducherry	50.0	3	Just started	-

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
Refresher Course in Environmental Education	National	Refresher Course for faculty	M-15, F-16 Total 31	October 2006
Workshop on CFD	National	Workshop	M-10, F-13 Total 23	September 2008

55. Has the Department Participated in any Special Schemes like UGC DRS / DSA / COSIP / ASIST / DST FIST / DBT , others. (Please Specify).	<i>AICTE - MODROBS</i>
56. Has the Institution introduced any Innovations in Teaching (Please give details)	<i>Several textbooks and reference books have been prepared</i>



### INSTITUTIONAL / DEPARTMENTAL INFORMATION

57. Annual Budget of the Institution / Department during last 5 years.	<i>Rs 15 lakhs</i>
58. Research Funds per Faculty Member during last 5 years	<i>Rs 5-15 lakhs</i>
59. Ratio of Students to Faculty during last 5 years	<i>14</i>
60. Ratio of Number of Applications to Available Intake during last 5 years	<i>25</i>
61. Ratio of Number of Students Appearing for Exam. to Number of Successful Candidates during last 5 years (Final exam. Only)	<i>24</i>

62. Number of Students Admitted to Various Programs (UG /PG / Certificate/ Diploma Courses) during the last 5 years

Program	Year	General		SC		ST		Cat. 1		OBC		Total	
		Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.
<i>MPhil</i>	<i>2005-06</i>	<i>1</i>	<i>2</i>	<i>3</i>	<i>2</i>	-	-	-	-	<i>1</i>	<i>3</i>	<i>5</i>	<i>7</i>
"	<i>2006-07</i>	<i>2</i>	<i>1</i>	-	-	-	<i>1</i>	-	-	<i>1</i>	<i>1</i>	<i>3</i>	<i>3</i>
"	<i>2007-08</i>	-	<i>1</i>	<i>3</i>	-	-	-	-	-	<i>1</i>	<i>1</i>	<i>4</i>	<i>2</i>
"	<i>2008-09</i>	<i>1</i>	<i>1</i>	<i>3</i>	-	<i>1</i>	-	-	-	-	<i>3</i>	<i>5</i>	<i>4</i>
"	<i>2009-10</i>	<i>2</i>	<i>3</i>	<i>1</i>	<i>1</i>	-	-	-	-	<i>1</i>	<i>1</i>	<i>4</i>	<i>5</i>
<i>MTech</i>	<i>2007-08</i>	<i>1</i>	<i>1</i>	-	<i>1</i>	-	-	-	-	<i>5</i>	<i>2</i>	<i>6</i>	<i>4</i>
"	<i>2008-09</i>	-	<i>1</i>	<i>3</i>	-	<i>1</i>	-	-	-	<i>3</i>	<i>3</i>	<i>7</i>	<i>4</i>
"	<i>2009-10</i>	<i>3</i>	<i>5</i>	<i>2</i>	<i>1</i>	-	-	-	-	<i>2</i>	<i>2</i>	<i>7</i>	<i>8</i>

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	
		Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.
<i>MPhil</i>	<i>2005-06</i>	<i>1</i>	-	-	-	-	-	-	-	<i>1</i>	<i>1</i>	<i>2</i>	<i>1</i>
"	<i>2006-07</i>	-	-	-	-	-	<i>1</i>	-	-	-	-	-	<i>1</i>
"	<i>2007-08</i>	-	-	-	-	-	-	-	-	<i>1</i>	-	<i>1</i>	-
"	<i>2008-09</i>	-	-	-	-	<i>1</i>	-	-	-	-	-	<i>1</i>	-
"	<i>2009-10</i>	-	-	-	-	-	-	-	-	<i>1</i>	-	<i>1</i>	-
<i>MTech</i>	<i>2007-08</i>	-	-	-	-	-	-	-	-	<i>1</i>	-	<i>1</i>	-
"	<i>2008-09</i>	-	-	-	-	-	-	-	-	<i>1</i>	-	<i>1</i>	-
"	<i>2009-10</i>	-	-	-	-	-	-	-	-	-	-	-	-

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	
		Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.
<i>MPhil</i>	<i>2005-06</i>	-	<i>2</i>	<i>3</i>	<i>2</i>	-	-	-	-	<i>1</i>	<i>3</i>	<i>4</i>	<i>7</i>
"	<i>2006-07</i>	<i>2</i>	<i>1</i>	-	-	-	-	-	-	<i>1</i>	<i>1</i>	<i>3</i>	<i>2</i>
"	<i>2007-08</i>	-	<i>1</i>	<i>3</i>	-	-	-	-	-	-	<i>1</i>	<i>3</i>	<i>2</i>
"	<i>2008-09</i>	<i>1</i>	<i>1</i>	<i>3</i>	-	-	-	-	-	-	<i>3</i>	<i>4</i>	<i>4</i>
"	<i>2009-10</i>	<i>2</i>	<i>3</i>	<i>1</i>	<i>1</i>	-	-	-	-	-	<i>1</i>	<i>3</i>	<i>5</i>
<i>MTech</i>	<i>2007-08</i>	<i>1</i>	<i>1</i>	-	<i>1</i>	-	-	-	-	<i>5</i>	<i>2</i>	<i>6</i>	<i>4</i>
"	<i>2008-09</i>	-	<i>1</i>	<i>3</i>	-	<i>1</i>	-	-	-	<i>3</i>	<i>3</i>	<i>7</i>	<i>4</i>
"	<i>2009-10</i>	-	-	-	-	-	-	-	-	-	-	-	-

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	
		Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.
MPhil	2005-06	All pass											
"	2006-07												
"	2007-08												
"	2008-09												
"	2009-10	On going											
MTech	2007-08	All pass											
	2008-09												
	2009-10			On going									

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	
		Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.	Male	Fem.
MPhil	2004-05	1	-	-	-	-	-	-	-	-	-	1	-
"	2005-06	-	-	-	-	-	-	-	-	1	-	-	1
"	2006-07	-	-	-	-	-	-	-	-	1	-	1	-
"	2007-08	-	-	-	-	-	-	-	-	1	-	-	1
MTech	2007-09	-	1	-	-	-	-	-	-	-	-	-	1

67. Number of Students who won Recognitions in Various Fields (Academic / Cultural / Sports, et cetera (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	
		Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem

68. Any Other Information

69. Contact Information of Institution / Department

Name of Contact Person	Prof S. A. Abbasi
Address for Communication	Centre for Pollution Control & Energy Technology
FAX Numbers	
Telephone Numbers (please include codes)	0413-2655263/2654398
E-Mails	prof.s.a.abbasi@gmail.com

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

71. Healthy practices of the Department.

ADDITIONAL INFORMATION FROM FRANCE TOOK 3-MONTH

Are there any overseas students? *Yes. One student from France did 3-month training in 2007*

Has the department organized

▪ Lectures: *Yes, regularly*

▪ Workshops: *Yes. The last was in September 2008*

▪ Seminars: *Till this date the department has organized 5 national seminars, 6 industrial training programs, and 3 refresher courses (for faculty)*

▪ Conferences: *As above*

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

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

- NET : 5
- SLET : 1
- CAT : —
- TOEFEL : 2
- GRE : 2
- G-MAT : —
- KAS : —
- IAS : —
- Defense entrance : —
- Others : —

**Titles of Research Projects :**

Is there any Student Counseling center in the department. *Every student has a Faculty Adviser*

Is there any Grievance Redressal cell? *Yes*

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

*An association is being formed  
now*

Place:

Date:

Signature with Seal of Chairperson