



JERUSALEM COLLEGE OF ENGINEERING

DEPARTMENT OF SCIENCE AND HUMANITIES

R&D ACTIVITIES (2011-2012)

1. Doctorates in the department & recognized as research guides:

1. Dr. P. Anuradha (Recognized supervisor).
2. Dr. S. Deepa (Recognized supervisor).
3. Dr. M. Sangeetha (Recognized supervisor).

2. Faculty Pursuing Ph.D:

No. of Faculty Pursuing Ph.D: 6 nos.

S.No	Name of the faculty	University	Year of Registration
1.	Mr. R. Vaidyanathan	Anna University	2006
2.	Ms. V. Lata	Anna University	2007
3.	Mr. M.P. Natarajan	Anna University	2007
4.	Ms. G Priya Merlin	Anna University	2010
5.	Mr. K. Subramanian	Anna University	2010
6.	Ms. Beula Shanthi John	Anna University	2012

3. Ph.D's Awarded in the last year with their area of specialization :

1. Dr. S.C. Bama Rani (English)

4. Paper/journal Publications by the Faculty (2011-2012)

International Journals : 1 No.
International Conferences : 5 Nos.
National Conferences : 4 Nos.

International Journal:

1. Ms. Lata Vasudevan (2012), "Non nature Students communication is affected due to the lack of Pragmatic Communication" in an International Journal titled "Canadian Journal of ELT" on 2nd Feb, 2012, pp 45.

International Conference:

1. Vaidyanathan.R (2012), "Optimization studies on the Photocatalytic Decolourization of Textile Azo Dyes over Titania Based Composite Catalysts" in the International Conference on Global Trends in Pure & Applied Chemical Sciences conducted by Asian journal of Chemistry at Udaipur, India on 3-4 March, 2012, pp 24 -25.
2. Lata Vasudevan (2011), "Humour in the English Classroom" in the International Seminar on "Humanistic Language and Literature Teaching" on 19th Feb, 2011 at Anna University, Chennai, pp 36.
3. Lata Vasudevan (2011), "A survey on the perception of Teacher's Independence and their accountability to teach English at Tertiary Level" in the 6th International and 42nd ELTAI Conference on Teacher Development on 17th June, 2011 at VIT University, Vellore, pp 26.
4. Lata Vasudevan (2011), "Non nature Students communication is affected due to the lack of Pragmatic Communication" in an International Journal titled "Canadian Journal of ELT" on 2nd Feb, 2012, pp 87.
5. .Natarajan.M.P (2011), "Effect of Ingredients on Mechanical and Tribological characteristics of different brake lining materials" in an International Conference on Advanced Material and Processing on 19-20th December, 2011 at RMK Engineering College, pp. 132-141.

National Conference:

1. Sangeetha.M (2012), "Innovative Strategies for managing the tannery effluent for the growth of economically valuable plant-marigold (*Tagetes erecta*)" and got best paper award in the National Seminar on Innovative Strategies for Corporate Management in the Globalised Scenario held at Gurunanak college, Chennai on 25th January, 2012,pp 35.
2. Lata Vasudevan (2012), "Grammar Teaching through TBLT" in the National Conference IELT – 2012 held at Easwari Engineering College on March 30, 2012, pp 24-25.
3. Bamarani.S.C and Vanitha.S (2012), "Communication Language Teaching" in the National Conference IELT – 2012 held at Easwari Engineering College on March 30, 2012, pp 17.
4. Natarajan.M.P (2011), "Studies on Mechanical Friction and Wear of Non-Asbestos Organic Brake Lining" in the National Conference on Advancement and Recent Innovations in Mechanical Engineering held at Easwari Engineering College on 9th September, 2011, pp 33-35.

5. Research Proposals sent by the Faculty

S.No	Name of the Investigator	Title	Duration	Funding Agency	Fund Proposed
1.	Dr. M. Sangeetha	Waste Water Treatment by using Nano Technology on Magnetic Activated Carbon.	2 yrs	TNSCST	Rs. 1,36,000/-
2.	Dr. N. John Jebarathinam & Dr. M. Sangeetha (Co-investigator)	Supported nano spinel oxide catalyst for the decomposition of organic matter presented in leachate	2 yrs	TNSCST	Rs. 1,50,000/-

6. Research Workshops / Community oriented Seminars / FDPs Organized / Participated

1. Mr. R. Jayaprakash attended a Two-day Workshop on “Instrumental Techniques in Chemical Research – ITCR 2012” organized by B.S. Abdur Rahaman University on 23-24th February, 2012.
2. Ms. Lata Vasudevan attended a workshop on Enlivening English Classrooms: Challenges and Responses on Dec 9, 2011 at VIT, Chennai.

7. Consultancy services provided by the Department (free of cost and/or remunerative). Who are the beneficiaries of such consultancy?

S. No.	Client	Work Type	Area	Month & Year
1.	ABC Environ Solutions, Anna Nagar	Empanelled member from NEBART	Paint Industry	2010 - till date
2.	Empres Consultancies	Empanelled member from NEBART	Noise and Vibration studies – B category projects	2011 - till date

8. Awards / Rewards:

Dr. M. Sangeetha presented a paper entitled “Innovative Strategies for managing the tannery effluent for the growth of economically valuable plant-marigold (*Tagetes erecta*)” and got **Best Paper Award** in the National Seminar on Innovative Strategies for Corporate Management in the Globalised Scenario held at Gurunanak college, Chennai on 25th January, 2012.

9. Any other achievements:

Dr. M. Sangeetha, is a member in paper scrutinizing committee for conferences held by Asia Pacific Chemical, Biological and Environmental Engineering Society (APCBEES).