

# Dr. R. Vasudevan

Dean & Prof, TCE  
Coordinator ENVIS TCE

Email: [deaneca@tce.edu](mailto:deaneca@tce.edu)

## Educational Qualification

DEGREE	BRANCH	INSTITUTE	YEAR
BSC	Chemistry	Madras University	1965
MSC	Chemistry	Madras University	1967
PHD	Chemistry	Madras University	1974

## Experience

PERIOD	NO OF YEARS	DESIGNATION	INSTITUTION
1975-1985	10	Lecturer	Thiagarajar College Of Engineering
1986-1988	2	Senior Grade Lecturer	Thiagarajar College Of Engineering
1988-1998	10	Selection Grade Lecturer	Thiagarajar College Of Engineering
1998- 2006	8	Professor	Thiagarajar College Of Engineering
2006-Till Date	3	Dean ECA	Thiagarajar College Of Engineering

## Journals

1. R. Vasudevan, Utilization of Waste Plastics In Construction Of Flexible Pavement, Indian Plastics journal, 2004

2. R.Vasudevan, Utilization Of Waste Plastics For Construction Of Flexible Pavements, Indian Roads Congress Journal, 2003

3. R.Vasudevan, Use Of Waste Plastics For Road Construction, Hiways Research Journal, 2002

## Conferences

1. R.Vasudevan, Utilization Of Waste Polymers In Flexible Pavement And Easy Disposal Of Waste Polymer In A Green Way, Solid Waste Management, 2009

2. R.Vasudevan, Utilization Of Waste Plastics In Flexible Pavement, Modern Plastics And Polymers, 2009

3. R.Vasudevan, Utilization Of Waste Plastics In Flexible Pavement, Civil Engineering And Construction Review, 2009

4. R.Vasudevan, Plastic Hit The Road, Modern Plastics And Polymers, 2007

5. R.Vasudevan, Reuse Of Waste Plastics For Road Laying , Indian Roads Congress, 2006

6. R.Vasudevan, Polymer Modified Road Construction Mixture or Flexible Pavement, Twelfth National Convention Of Electro Chemist, 2005

7. R.Vasudevan, Plastics Waste Management, Environmental Challenges In India, 2005

8. R.Vasudevan, Polymer Composite Materials, ICMAT Conferences , 2005

9. R.Vasudevan, Utilization Of Waste Plastics For Road Construction, Wessex Institute, 2005

10. R.Vasudevan, Utilization Of Waste Plastics For Road Construction, Global Plastics Environmental Conference, 2005

11. R.Vasudevan, Structural Composites Using Waste Polymers, Twelfth National Convention Of Electro Chemist, 2005

12. R.Vasudevan, Use Of Plastics Waste In The Construction Of Tar Road, Eco- Echoes , 2004

13. R.Vasudevan, Recycling And Management Of Plastics Waste, Recycling And Management Of Plastics Waste, 2003

14. R.Vasudevan, Role Of Plastics And Polymers In Infrastructural Development, Indian Plastics Institute , 2003
15. R.Vasudevan, Reuse Of Waste Plastics For Road Laying, Reuse Of Waste Plastics For Road Laying, 2003
16. R.Vasudevan, Utilization Of Flyash In Construction Materials, Indian Institution Of Engineers, 2003

17. R.Vasudevan, Plastic Hit The Road, Modern Plastics And Polymers, 2003

### Sponsored Research

<b>TITLE</b>	<b>SPONSORING AGENCY</b>	<b>AMOUNT</b>	<b>RESPONSIBILITY</b>
MODROBS-Modern Electrochemical Lab	AICTE, New Delhi	Rs. 9.50 lacs	Principal Investigator
MODROBS-Conducting Polymer Characterization	AICTE, New Delhi	Rs. 9.00 lacs	Principal Investigator
Study on the Characterization and Utilisation of Waste Plastics- Green Technology	Department Of Science And Technology, New Delhi	31.98 lacs	Principal Investigator
Utilization of waste flexible packaging films and study on bitumen emulsions	Department Of Science And Technology, New Delhi	42.08 lacs	Principal Investigator
MoU on Preparation of Status Report on Reuse of Plastics Waste in Road Construction	Central Pollution Control Board, New Delhi	14.00 lacs	Principal Investigator

## Consultancy

NAME OF INDUSTRY	DETAILS	PERIOD
DRDA, Tamil Nadu	--	2000-TillDate
High Ways Research Station, Chennai	--	2000-TillDate
Thiagarajar Mills, Kappalur	--	2000-TillDate
Madurai Corporation, Madurai	--	2000-TillDate
Rafisons Pvt. Ltd., Chennai	--	2000-TillDate
Parry (India) Ltd, Chennai	--	2000-TillDate
Bharat Petroleum Limited, Chennai	--	2000-TillDate
Sundarsan spinning mills, Rajapalayam	--	2000-TillDate
M/s. Beard sell Limited Chennai	--	2000-TillDate
Sri Chakra Rubber Industries, Madurai.	--	2000-TillDate
Tvs Sewing Needles, Madurai.	--	2000-TillDate
Coimbatore paper mill association	--	2000-TillDate
All Corporations in Tamil Nadu	--	2000-TillDate

## Seminar, Conference, Workshop Organised

1. One Day Work Shop On "Recent Trends In Green Chemistry", Thiagarajar College Of Engineering, Madurai, February 2009

**Ph.D Guidance / Supervisorship**

<b>NAME OF SCHOLAR</b>	<b>COURSE</b>	<b>AREA OF RESEARCH</b>	<b>STATUS</b>
S. Rajasekaran (M. Phil)	M.E/M.S	Utilization of waste plastics	Ongoing
R. Thanu Iyappan (M. Phil)	M.E/M.S	Annatto Dye extraction and Characterization	Ongoing
A. Ramalinga Chandra Sekar (M. Phil)	M.E/M.S	Thermal Characterization of waste flexible polymers	Completed
R. Velkennedy (PhD )	M.E/M.S	Investigation of polymer modified flexible pavement and its characterization	Ongoing

**Lectures Delivered**

<b>TOPIC</b>	<b>DELIVERED AT</b>	<b>PERIOD</b>
Waste Plastics For Road Construction	Corporation Of Chennai, Chennai	17-9-2002
Waste Plastics For Road Construction	Symposium Conducted By Chepmma	19-9-2002
Waste Plastics For Road Construction	Enviro 2002: Confederation Of Indian Industry	15-11-2002
Waste Plastics For Road Construction	Tuticorin Port Trust, Tuticorin	5-12-2002
Waste Plastics For Road Construction	High Ways Research Station, Chennai	11-12-2002
Waste Plastics For Road Construction	Vnational Seminar An Waste Management By Ficci Mumbai	26-2-2003
Waste Plastics For Road Construction	IPF Calcutta	20-8-2004
Waste Plastics For Road Construction	CPE & Mumbai Corporation, Mumbai	8-10-2004
Waste Plastics For Road Construction	CII & IIT, Chennai	26-7-2004