



RVS COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

(Accredited by NAAC and an ISO 9001:2008 Certified Institution)

COIMBATORE - 641 402.

R&D Annual Report

2015 -2016

Dr.K.M.Karuppannan

Dean R&D

RVS college of Engineering and Technology

Coimbatore-641402

Staff Committee:

Sl.No	Department	Staff coordinator
1	CSE	1. Dr. K.Karuppasamy 2. Prof. S .Alagumuthukrishnan
2	EEE	1. Dr.S.S Sivaraju 2. Prof.K.Thangarajan
3	ECE	1. Dr.M.Umaparvathi 2. Prof.D.SamdevidJero
4	MECH	1. Dr.V.R Sivakumar 2. Prof.K.K.Ponsenthil
5	PCE	1. Dr.R.Kannan 2. Prof Vijayakumar
6	S & H	1. Dr.P .Gopalakrishnan 2. Prof.K.Kalaivani

Student Committee:

SL.NO	DEPARTMENT	STUDENT MEMBERS
1	CSE	BHARATH RAJ P V - III YEAR ABINISHA.R -III YEAR KAMESH ARAVIND P -II YEAR JISHNU P -II YEAR
2	EEE	ANITHA A-II YEAR KARTHIKEYAN S -II YEAR SAMANTHA ANN VISWAS-III YEAR RIJO LEEN LOPEZ-III YEAR
3	ECE	AMI RISWANA J P- III YEAR GANESHAMOORTHY M -III YEAR SHOBHA MOURYA J- II YEAR

		JEGANATH S- II YEAR
4	MECH	AJAY KRISHNAN K P – III YEAR NAVEN RAJ P S – III YEAR MANI KUMAR V – II YEAR PUGALARASAN S- II YEAR
5	PCE	ABIJITH K M – III YEAR SELVAPRAKASH P – III YEAR GEETHA PRIYA M – II YEAR MOHAMMED SHAHINSHA P U – II YEAR
6	S & H	C.K ANU LEKSHMI –I YEAR M.AJITHKUMAR-I YEAR A.DIVYABARATHI-I YEAR G.CHANDRU-I YEAR

1. Grants received from Government and non-governmental agencies for research projects, endowments in the institution (INR in Lakhs)

Name of the Project/ Endowment s, Chairs	Name of the Principal Investigator/Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)
NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

2. IIT Kharagpur & IIT Bombay Activities

S.No	Name of the Workshop	No.of Days	Period	Workshop Coordinator Name with Department	No.of Participants
1	Two Week ISTE for Environmental Studies	5	2/06/2015 to 12/06/2015	Prof. Selvakumar , Chemistry	29
2	One Week ISTE STTP on Technical Communication	6	30/11/2015 to 05/12/2015	Prof. A. Sarah Helan Sathya, English	30

3	One Week ISTE STTP on Engineering Physics	11	08/12/2015 to 18/12/2015	Prof. A. Prakash , Physics	33
4	One Week ISTE STTP for Structure Engineering	6	4/1/2016 to 9/1/2016	Prof. Ganesan, Civil	22

3. Number of papers published per teacher in the Journals

Sl.No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
1	A Dynamic Interoperability Mobility Management Architecture for Mobile Personal Networks'	Mugunthan, SR & Palanisamy, C	Computer Science and Engineering	Wireless Personal communications	2015	1683-1697
2	Fresh, micro- and macrolevel studies of metakaolin blended self-compacting concrete	O.R.Kavitha, V.M.Shanthi, G.Prince Arulraj, P.Sivakumar	Petrochemical Engineering	Applied Clay Science	2015	0169-1317
3	Secure Cooperative Packet Sharing In Mobile Ad-Hoc Networks	S.Srithar,Dr. K.Karuppasamy	Computer Science and Engineering	International Journal of Computer Science and Mobile Computing	2015	2320-088X
4	Analysis of an interline power flow controller in grid connected pv system	G. Radhakrishnan, T.VinothKumar, K.Kathiresan, M.Manojkumar	Electrical and Electronics Engineering	International Journal of Applied Engineering Research	2015	0973-4562
5	Improved Transformerless Switched Inductor boost converter with full bridge Inverter for high efficient PV Applications	T.VinothKumar, G.Radhakrishnan , A.Mohandoss	Electrical and Electronics Engineering	International Journal of Applied Engineering Research	2015	0973-4562
6	Differential Protection of Power Transformer for internal Faults Using Improved Digital Relay	K.Kathiresan, F.Vijay Amirtha Raj, T.Vinothkumar	Electrical and Electronics Engineering	International Journal of Applied Engineering	2015	0973-4562

	with Second Harmonic Restraint			Research		
7	Photovoltaic Array Using High Step up Transformer less Dc-Dc and Dc-Ac Converter	T.VinothKumar, G.Radhakrishnan, K.Saravanan,D. Nathiya	Electrical and Electronics Engineering	International Journal of Applied Engineering Research	2015	0973-4562
8	Coordination of Energy Storage Units for Voltage and Distribution Network Loading Management by Distributed Control Strategy	G. Radhakrishnan, T.VinothKumar, F.Vijay Amirtha Raj, P.S.Anithakumar	Electrical and Electronics Engineering	International Journal of Applied Engineering Research	2015	0973-4562
9	Online Amperometric Analyses of Pesticide Monitoring Using Virtual Instrumentation Package	T.VinothKumar, G.Radhakrishnan, F.Vijay Amirtha Raj	Electrical and Electronics Engineering	International Journal of Applied Engineering Research	2015	0973-4562
10	Position Based Opportunistic Routing for Highly dynamic Mobile Adhoc Networks	T.Vinothkumar, S.Tamizharasi, G.Radhakrishnan, E.Velusamy	Electrical and Electronics Engineering	International Journal of Applied Engineering Research	2015	0973-4562
11	Optimal Censoring Scheme Selection Based on Artificial Bee Colony Optimization(ABC) Algorithm	K.Kalaivani, S.Somasundaram	Mathematics	Research Journal of Applied Sciences, Engineering and Technology	2015	2040-7459
12	Privacy Preserving Multiview Point Based Bat Clustering Algorithm and Graph Kernel Method For Data Disambiguation On Horizontally Partitioned Data	Anitha.J, Dr. R.Rangarajan	Electronics and Communication Engineering	Research Journal of Applied Sciences, Engineering and Technology	2015	0174-0681