



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

2017 -2018

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.Srithar
2	EEE	1. Dr.S.S Sivaraju 2. Prof.K.Thangarajan
3	ECE	1. Dr.D.Jeyakumar 2. Prof.Tamilarasi
4	MECH	1. Dr.V.R Sivakumar 2. Prof .P.Rajeshkumar
5	PCE	1. Dr.R.Kannan 2. Prof .B. Vijaya Kumar
6	S & H	1. Prof. A.Prakash 2. Dr. R.Ganesh

Student Committee:

Sl.No	Department	Student Members
1	CSE	C.K ANU LEKSHMI -III YEAR S.DEEPAK-III YEAR M.GOKULA RAJA VARMA -II YEAR R.JACKSON-II YEAR
2	EEE	M.AJITHKUMAR-III YEAR S.PRAVEENKUMAR -III YEAR D.DEEPIKA-II YEAR R.DEEPIKA-II YEAR

3	ECE	A.DIVYABARATHI-III YEAR M.JENISH-III YEAR B.ABIRAMI-II YEAR K.RANJITH -II YEAR
4	MECH	G.CHANDRU-III YEAR E.MUTHU-III YEAR P.AJISH-II YEAR K.S RAHUL-II YEAR
5	PCE	P.ASWIN-III YEAR B.BALA NITHISH-III YEAR A.SHATHESH-II YEAR S.PERUMALSAMY-II YEAR
6	S & H	C.K ANU LEKSHMI -I YEAR A.DIVYABARATHI-I YEAR G.CHANDRU-I YEAR E.MUTHU-I YEAR

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

Sl.No	Name of the Project/ Endowments, 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)
1	Kinetics and Thermodynamics Of Oil Extraction From Calophyllum Inophyllum Using Soxhlet Extractor	A.Sakthisaravanan	Petrochemical Engineering	2017-18	0.1	6 Months	TNSCST (Tamil Nadu State Council for Science and Technology)	Government
2	Smali Code Protection for android Packages	D.Suganthi	Computer Science and Engineering	2017-18	0.095	6 Months	TNCST (Tamil Nadu State Council for Science and Technology)	Government

2. IIT Kharagpur & IIT Bombay Activities

S.No	Name of the Workshop	No.of Days	Period	Status	Workshop Coordinator Name with Department	No.of Participants
1	Two Week ISTE STTP on Electric Power System	Two weeks (6 days face to face)	12/06/2017 to 15/07/2017	Completed	Prof. K. Kathiresan	25
2	Eight week courses on College to corporate program	8 weeks	4th sep 2017 to 12 Nov 2017	Completed	Prof. F. Vijay Amirtha Raj	36
3	Sci Lab Lecture Demonstration	2 hrs	12th October 2017	Completed	Prof. A. T. Rajadurai	27
4	Foundation program in ICT for Education	2 days	3rd Aug 2017 to 07th Sep 2017	Completed	Prof. C. Vimal Raj	88
5	Pedagogy for online and blended teaching learning process	4 days	14th sep 2017 to 12th oct 2017	Completed	Prof. C. Vimal Raj	Ph. 1-81, Ph. -2 - 6
6	Eight week courses on College to corporate program	8 weeks	15th Jan 2018 to 23rd March 2018	Completed	Prof. F. Vijay Amirtha Raj	36

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 study on the rotational behavior of a Savonius wind turbine in low rise highways during different monsoons	S.Senthilvel	Mechanical Engineering	Energy For Sustainable Development - Elsevier	2017	0973-0826
2	An experimental study on combined effects of glass fiber and Metakaolin on the rheological, mechanical, and durability properties of self-compacting concrete	Dr.V.R.Sivakumar	Mechanical Engineering	Applied Clay Science,	2017	0169-1317
3	A novel method of unburned	Kannan	Petrochemical	Separation	2017	1520-

	hydrocarbons and NOx gases capture from vehicular exhaust using natural biosorbent	Radhakrishnan, Sruthi Kalyanasundharam, Nandini Ravichandran, Thyagarajan S & Wilson Richard Thilagaraj	Engineering	Science and Technology		5754
4	An inventory model for deteriorating items with constant, linear and quadratic holding cost – a comparative study in third order equation	C. Krishnamoorthi & V. Choudri	Mathematics	International Journal Operational Research	2017	1745-7645

4. Incubation & Innovative Cell Activities

S.No	Name of the Activity	Date	Resource Speaker
1	One day Orientation program on Essentials of Start-Ups and Entrepreneurs	11-07-2017	Mr.AnandRaj , Software Architech, Entrepreneur, Chennai.
2	Guest Lecturer on Entrepreneurship	27-08-2017	Mr.SampathKasirajan, HYDRA Consulting Service pvt Ltd, Bangalore.
3	Orientation program on Entrepreneurship WF-100 in association with Anna University	27-12-2017 to 29-12-2017	Team EDC
4	One Day Seminar on IPR & Innovations	30-01-2018	Mr.R.Ravichandran Director, Technical, JRS Renew Power pvt ltd, Coimbatore.