3.1.1 Grants for research projects sponsored by the non government sources such as industry, corporate houses, international bodies, endowments, chairs in the institution during academic year 2016-17.

DEPT	2016-17
CE	4
CSE	2
ECE	0
EEE	3
ME	4
TOTAL	13

Sl.No	Name of the project / endowments, Chairs	Name of the Principal Investigator	Department of Principal Investigator	Year of award	Funds provided	Duration of the Project
1	Analysis of image fusions for medical images	MAHENDER .V	CSE	2016-17	87692	3 Months
2	Air polution analysis in Hyderabad	M.Sowmya	CSE	2016-17	77943.76	4 Months
3	Design & Development Of Turbine Blades	Dr.A Rajamani	ME	2016-17	170000	6 Months
4	Remaining life assessment life extension of power plants	Dr.TR Choudhary	ME	2016-17	152000	7 Months
5	condition monitoring of large thermal power plants	Dr.U M Chaudhari	ME	2016-17	175000	5 Months
6	Non destructive Testing	Dr.B Lakshmanaswamy	ME	2016-17	120000	4 Months
7	Layout of building	T Divya	CE	2016-17	56834	3 Months
8	Design of urban interchange	N Naveen	CE	2016-17	67852	4 Months
9	Advance earthquake resistance techniques	E Madhavi	CE	2016-17	80253	3 Months
10	Design of Sewage treatment plant	Syed Eashan Adil	CE	2016-17	54635	4 Months
11	A Solar based Multi level inverted design for induction motor	M Narender Reddy	EEE	2016-17	60000	3 Months
12	Grounding design for 11/33 kv substation	GV Rajashekhar	EEE	2016-17	60000	4 Months
13	Dielectric oil testing for distribution transformers	GVSSNS sarma	EEE	2016-17	30000	4 Months

3.1.3 Average number of research projects per teacher funded by government and non-government agencies during academic year 2016-17.

DEPT	2016-17
CE	4
CSE	2
ECE	0
EEE	3
ME	4
TOTAL	13

Sl.No	Name of Principal Investigator	Duration of the Project	Name of the research project	Amount / Fund received	Name of funding agency	Year of Sanction	Department of reciepient
3	MAHENDER .V	3 Months	Analysis of image fusions for medical images	87692	Spark Hospital	2016-17	CSE
4	M.Sowmya	4 Months	Air polution analysis in Hyderabad	77943.76	Eureka Group	2016-17	CSE
5	Dr.A Rajamani	6 Months	DESIGN & DEVELOPMENT OF TURBINE BLADES	170000	Blue wings pvt ltd	2016-17	ME
6	Dr.TR Choudhary	7 Months	Remaining life assessment life extension of power plants	152000	Global constructions pvt ltd	2016-17	ME
7	Dr.U M Chaudhari	5 Months	condition monitoring of large thermal power plants	175000	Brigade Enterprises	2016-17	ME
8	Dr.B Lakshmanaswamy	4 Months	Non destructive Testing	120000	Almera Tech Solutions & products	2016-17	ME
9	T Divya	3 Months	Layout of building	56834	Sai Constructions	2016-17	CE
10	N Naveen	4 Months	Design of urban interchange	67852	Proud Urban Developers	2016-17	CE
11	E Madhavi	3 Months	Advance earthquake resistance techniques	80253	Aren Mtrix Pvt Ltd	2016-17	CE
12	Syed Eashan Adil	4 Months	Design of Sewage treatment plant	54635	Karthikeya Constructions	2016-17	CE
13	M Narender Reddy	3 Months	A Solar based Multi level inverted design for induction motor	60000	Bhavani Electronics and Supllies	2016-17	EEE
14	GV Rajashekhar	4 Months	Grounding design for 11/33 kv substation	60000	Garuda Electrical Solutions	2016-17	EEE
15	GVSSNS sarma	4 Months	Dielectric oil testing for distribution transformers	30000	ARGA heavy Machineries Pvt Ltd	2016-17	EEE

3.2.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry - Academia Innovative practices during academic year 2016-17.

Sl.No	Year	Name of the workshop/ seminar	Date From - To	Link to the activity report on the website	No. of participation
1	2016-17	Java Training Program	21/11/2016 - 24/11/2016	aurora.ac.in	50
2	2016-17	Mysql and PHP Training Program	12/08/2016 - 17/08/2016	aurora.ac.in	38
3	2016-17	Android Application Development	03/03/2016 - 05/03/2016	aurora.ac.in	56
4	2016-17	Advance JAVA Program	08/02/2016 - 11/02/2016	aurora.ac.in	37
5	2016-17	Android Development	14/09/2016 - 16/09/2016	aurora.ac.in	45
6	2016-17	Guest lecture on cloud computing	20/07/2016 - 22/07/2016	aurora.ac.in	34
7	2016-17	matlab and its applications	18/01/2016 - 21/01/2016	aurora.ac.in	20
8	2016-17	non conventional energy sources	22/04/2016 - 24/04/2016	aurora.ac.in	60

3.3.1 The institution has a stated code of Ethics to check malpractices and plagiarism in Research

The college has got its unique mechanism to check the malpractices and plagiarism in research.
It is mandatory to follow certain code of ethics and also strictly adhered in implementing them, which will enhance the quality of the published works.

INSTITUTIONAL GUIDELINES AND CODE OF ETHICS FOR RESPONSIBLE CONDUCT OF RESEARCH AND PUBLICATION

1. Plagiarism: Authors who present the words, data, or ideas of others with the implication that they own the same, without attribution in a form appropriate for the medium of presentation, are committing theft of intellectual property and may be guilty of plagiarism and thus of research misconduct.

2. Use and Misuse of Data: Research integrity requires not only that reported conclusions are based on accurately recorded data or observations but that all relevant observations are reported.

3. Ownership of and Access to Data: Institute preserves all the rights of ownership and access to data carried out as part of research by an individual or group of faculty and students.

4. Authorship and Other Publication Issues: Publication of research results is important as a means of communicating to the scholarly world so that readers may be informed of research results and other researchers may build on the reported findings.

5. Conflict of Interest: Academic members may not allow other professional or outside activities to distract their attention from their primary responsibilities towards the Institution.

6. Obligation to Report:

    a. Reporting Suspected Misconduct: Reporting suspected research misconduct is a shared and serious responsibility of all members of the academic community

    b. Correction of Errors:If a finding of error, either intentional or inadvertent, or of plagiarism should be made subsequent to publication.

7. Responsibilities of a Research Investigator: An investigator serves not only as a research manager with respect to members of the research group but also as a mentor responsible for the intellectual and professional development of graduate students and junior faculty in the group, including awareness and sensitivity to issues in research ethics.

8. Responsibilities to Funding Agencies: An investigator must submit progress and final research reports to sponsor at times specified in the award.

All the works carried out by the students and faculty as part of research, university academic projects, extension projects, journals or papers to be submitted in national/ international journals or conferences is scrutinized by the research and development cell and the mechanism used is as below.

- ❖ Submission of abstract.
- ❖ Online verification of the title.
- ❖ Scrutinizing the abstract by 3 senior faculties.
- ❖ Recommendations of the committee for next level of work.
- ❖ Pre-final assessment after completing the entire work.
- ❖ Presentation of work through PPT to the committee.
- ❖ Plagiarism check.
- ❖ Submission of the work in International/national conference or journals for publication or university for award of the degree.

The tools used for conducting the above mechanism are as listed below.

ANTI-PLAGIARISM SCANNER SOFTWARE

- ▪ CopyCatch: www.copycatchgold.com
- ▪ TurnItout: www.turnitout.com
- ▪ Plagiarism.com: www.plagiarism.com
- ▪ Jplag: www.jplag.de
- ▪ Copyscape: www.copyscape.com
- ▪ ArticleChecker: www.articlechecker.com
- ▪ PlagiarismDetect.com: www.plagiarismdetect.com
- ▪ Duplichecker.com: www.duplichecker.com
- ▪ Smallseotools: http://smallseotools.com/plagiarism-checker/
- ▪ scanmyessay & viper &wcopyfind : http://www.scanmyessay.com/

3.3.4 Number of research papers per teacher as per list of journals notified on UGC website during academic year 2016-17.

DEPT	2016-17
CE	19
CSE	6
ECE	0
EEE	1
H & S	3
TOTAL	29

SL.NO	Title of the paper	Name of the author/s	Department of the teacher	Name of journal	Year of Publication	ISBN / ISSN number
1	Coordination of Positive and Negative Sequence Voltage Control by STATCOM in FSIG based Wind Farm	• GVSSN Srirama Sarma, V. Madan Mohan Rao	EEE	", International Journal & Magazine Of Engineering, Technology, Management and Research	2016-17	ISSN:2348-4845, Volume No.3, Issue No.7, July 2016.
2	Arrangement a Replica of heat and mass transfer process for portable solvent vapor phase of freshening equipment	Pratyush kumar Patnaik and Dr. Shailnder D. Deo	Humanities and Sciences	Pezzottaite Journals	2016-17	2319-9032
3	A Study on the effect of Plyometric Training for development of speed among long jumpers of hyderabad district in	J. Ravinder	Humanities and Sciences	International Jounal of Health, Physical Education and Computer Science in Sports	2016-17	2231-3265

		Telangana					
4	The approach to implement visous dissipative couelle flow between vertical permeable plates with thermal radiation effect on Magneto Hydro Dynamic	Pratyush kumar Patnaik	Humanities and Sciences	International Journal of Research (IJR)	2016-17	2348-6848
5	Analysis of Skewed 3-Lane Slab Bridge Deck	Syed Eashan Adil	CE	IJIRSET	2016-17	2319-8753
6	study on partial replacement of cement with rha and metakaolin	Syed Eashan Adil	CE	International Journal of Advanced Research	2016-17	2320-5407
7	Study on Copper Slag as replacement for aggregate in concrete	Syed Eashan Adil	CE	International Journal Of Civil Engineering & Technology	2016-17	ISSN Online: 0976-6316
8	study on partial replacement of cement with rha and metakaolin	T. Divya Bhavana	CE	Engineering and Technology	2016-17	2320-5407
9	Pervious Concret Pavement	T. Divya Bhavana	CE	International Journal Of Civil Engineering & Technology	2016-17	ISSN(Online) : 2319-8753
10	study on light weight concrete	T. Divya Bhavana	CE	IJCIET	2016-17	0976-6308
11	Experimental investigation on bituminous mix using coconut coir	T. Divya Bhavana	CE	ijcseierd	2016-17	2249-6866
12	Investigation On	T. Divya Bhavana	CE	Ijcseierd	2016-17	2249-6866

	Modified Bitumenious Mix Using Hdpe, Crumb Rubber & Coconut Coir					
13	Re-using of Waste Tyre Materials as Coarse and Fine Aggregate in concrete	R. Bhanusri	CE	IJERGS	2016-17	ISSN 2091-2730
14	Design of railway track with prototype	N Naveen Kumar	CE	IJCIET	2016-17	ISSN: 0976-6316
15	Road Safety Audit Of A Rural Road	N Naveen Kumar	CE	IJCIET	2016-17	ISSN: 0976-6316
16	Parking Design For A Hospital	N Naveen Kumar	CE	IJARSE	2016-17	ISSN: 2319-8354
17	Carpooling System in Hyderabad	N Naveen Kumar	CE	IJSTM	2016-17	ISSN: 2394-1537
18	Corridor Management Of An Urban Road	N Naveen Kumar	CE	IJARSE	2016-17	ISSN: 2319-8354
19	Pavement Management System on Hyderabad Roads	N Naveen Kumar	CE	IJRET	2016-17	ISSN: 2455-1341
20	Impacts of Roadway Condition, Traffic and Manmade Features on Road Safety	N Naveen Kumar	CE	IJSER	2016-17	ISSN: 2229-5518
21	Analysis and Execution of WBM and Bituminous Premix Roads	N Naveen Kumar	CE	IJIRSET	2016-17	ISSN : 2319-8753

22	Traffic Management of an Urban Road by Designing Coordinated Traffic Signal System	N Naveen Kumar	CE	IJRET	2016-17	ISSN: 2319-1163
23	Study on partial replacement of cement with RHA & Met kaolin	K Madhu	CE	International Journal of Advanced Research	2016-17	2320-5407
24	Computational Modeling of Electricity Consumption using Econometric Variables based on Neural Network Training Algorithms	Dr. T.M.Usha, Dr. S.Appavu alias Balamurugan	CSE	Neural Network World	2016-17	1210-0552
25	Exploratory study on failure factors and success models of knowledge management systems	Mr. A. AbdulRahman	CSE	International Journal of Electrical and Computer Engineering	2016-17	2088-8708
26	A comparative Study on State of the Art Picture Coding Evaluation for Medical Image Compression	D. Ravichandran	CSE	International Science Press, I J C T A	2016-17	0974-5572
27	Contemplate on Identifying the best Wavelet Filter and Filter Order for Medical Image Compression	D. Ravichandran	CSE	International Journal of Computer Aided Engineering and Technology	2016-17	1757-2665

| 28 | A Study on State of the Art in Security and Privacy Issues on Cloud Computing | D. Ravichandran | CSE | International Journal of Computer Aided Engineering and Technology | 2016-17 | 1757-2666 |
| 29 | A Study on Performance of Wavelet Based Image Compression on Medical Images for Cloud Computing | D. Ravichandran | CSE | Journal on Application and Theory of Computer Technology (ATCT) | 2016-17 | 2347-2820 |