

**ANNUAL REPORT
FOR THE
ACADEMIC YEAR 2015-16**



J.C. Bose Block



Ramanujan Block



**Dr. Sarvepalli Radhakrishnan
Learning Resource Centre**



C.V. Raman Block



Visvesvaraya Block



**Vasavi College of Engineering
(Autonomous)**

(Sponsored by Vasavi Academy of Education)
(Affiliated to Osmania University & approved by AICTE)

Ibrahimbagh, Hyderabad – 500 031

December, 2016



Our Vision.....

"Striving for a symbiosis of
technological excellence and human
values"

Shri Pendekanti Venkatasubbaiah

Shri Pendekanti Venkatasubbaiah, one of the veteran statesmen of Independent India, held many important positions in his lifetime. He served in the capacities of the Union Minister of State for Home & Parliamentary Affairs (1980-84), the Governor of Bihar and later, of Karnataka.

Shri Pendekanti Venkatasubbaiah was born in an affluent family of agriculturists on 18th June, 1921 at Sanjamala, a village in the erstwhile Princely State of Banaganapalli in Kurnool District of Andhra Pradesh.

He took keen interest in the national movement while he was a student in Nandyal which constituency he represented subsequently for 27 years in Lok Sabha.

He dedicated himself to the national movement and fought against oppression, braving imprisonment. A Gandhian as he was, he had passionate interest in Education, Khadi and Co-operation. He started several educational institutions, Poor Boys' Hostels and Co-operative Societies. Shri Venkatasubbaiah was secular in his outlook throughout his life and fought firmly against all kinds of inequalities and oppression. His vision for an egalitarian and progressive future reflects in the institutions that he founded and inspired.



FOUNDER

Late Shri Pendekanti Venkatasubbaiah

*Former Union Minister of State
for Home & Parliamentary Affairs
and*

Former Governor of Bihar and Karnataka

Our mission.....

“To arm young brains with competitive technology and nurture holistic development of the individuals for a better tomorrow”

Our Quality Policy

“Education without quality is like a flower without fragrance. It is our earnest resolve to strive towards high standards of teaching, training and developing human resources.”

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FOREWORD:

We are proud to present the Annual Report of Vasavi College of Engineering, Ibrahimbagh, Hyderabad – 500 031, Telangana State, for the year 2015-16. This report summarizes the achievements and progress over the last year to improve our academic contribution and student services.

Our faculty is making progress towards providing a conducive learning environment by adopting holistic curricular reforms and innovative pedagogical practices. We are working hard to create a dynamic research environment to promote research excellence. This year, we have embarked upon a significant governance reform initiative to adopt good governance practices.

We would like to extend our sincere thanks to our stakeholders for their continued support and invaluable contribution. Looking ahead, we will continue to work towards realizing our vision to be a leader in engineering education, and advancing research and innovation to support socio-economic development of the region.

INTRODUCTION:

Vasavi College of Engineering which was established in 1981 by Vasavi Academy of Education, under the stewardship of Late Sri Pendekanti Venkatasubbaiah, a veteran statesman of independent India and by a few eminent people from different walks of life, represents a rich tradition of excellence in technology-based education in a stimulating environment. From a modest beginning with just three undergraduate programmes, viz., B.E. degree programmes in Civil, Mechanical and Electronics & Communication Engineering, with dedicated efforts for over 33 years, it has now grown into a mighty centre of learning with excellent and well-developed infrastructural facilities, offering 6 undergraduate programmes viz., B.E. in Civil, Mechanical, Electrical & Electronics, Electronics & Communication Engineering, Computer Science & Engineering and Information Technology, in addition to a 3-year Postgraduate Programme in Computer Applications (MCA) and 2-Year Postgraduate Programmes in CSE, ECE, EEE and Mechanical Engineering.

The College attained Autonomy Status from University Grants Commission for a period of six years with effect from the academic year 2015-16.

GROWTH IN ACADEMIC PROGRAMMES & INTAKE:

Year	COURSE	SECTIONS	INTAKE
1981	Civil Engineering (UG)	01	60
1981	Mechanical Engineering (UG)	01	50
1981	Electronics & Communication Engineering (UG)	01	60
	Addition of new programmes, increase in intake		
1994	Computer Science & Engineering (UG)	01	60
2000	Computer Science & Engineering (UG) (2 nd Section)	01	60
1999	Electrical & Electronics Engineering (UG)	01	60
2000	Electronics & Communication Engineering (UG) (2 nd Section)	01	60
2000	Information Technology (UG)	01	60
2005	Mechanical Engineering (UG) (2 nd Section)	01	60
2012	Information Technology (UG) (2 nd Section)	01	60
1994	Master of Computer Applications (MCA)	01	60
2003	M.E (Mech.) Advanced Design & Manufacturing (PG)	01	18
2003	M.E (ECE) Embedded Systems & VLSI Design (PG)	01	18
2011	M.E (ECE) Communication Engineering & Signal Processing (PG)	01	18
2011	M.Tech (CSE) Computer Science & Engineering (PG)	01	18
2012	M.E (EEE) Power Systems & Power Electronics	01	24

STUDENT ENROLMENT (UG & PG):

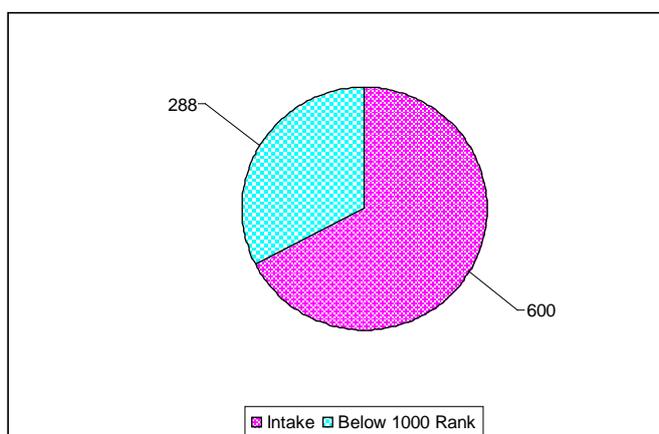
The admission rules of the college are as per the regulations of the State Government. The students have to appear for the State Level Entrance Tests conducted by Government, TSEAMCET for BE, TSECET for lateral entry students, TSICET for MCA and All India Entrance Test-GATE/ State-Level Test TSPGECET for M.E/M.Tech.

The State Government regulations for filling-up of seats in various UG and PG programmes for the current academic year are as follows:

- **Category-A seats** : 70% of the sanctioned intake (by the respective Convenor)
- **Category-B seats** : 30% (Management Quota).

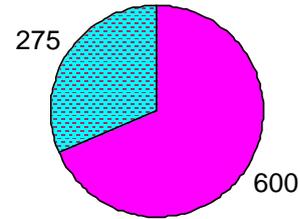
ADMISSIONS INTO I-YEAR COURSES:

In terms of the level of academic achievements also, the students admitted into the college are a very heterogeneous set. For instance, during the academic year **2015-16**, almost 70% of seats in all the programmes are filled from the top 10% of TSEAMCET (Engineering Agriculture and Medical Common Entrance Test) qualified students.



Course	Intake	Rank		No. of students (Below 10,000 rank)
		Opening	Closing	
BE-Civil	60	2477	77384	24
BE-CSE	120	1226	46929	63
BE-ECE	120	1485	72555	63
BE-EEE	60	2353	50286	31
BE-IT	120	1915	94648	60
BE-Mech	120	2519	106535	47
Total				288

In terms of the level of academic achievements also, the students admitted into the college are a very heterogeneous set. For instance, during the academic year **2014-15**, almost 70% of seats in all the programmes are filled from the top 10% of EAMCET (Engineering Agriculture and Medical Common Entrance Test) qualified students.



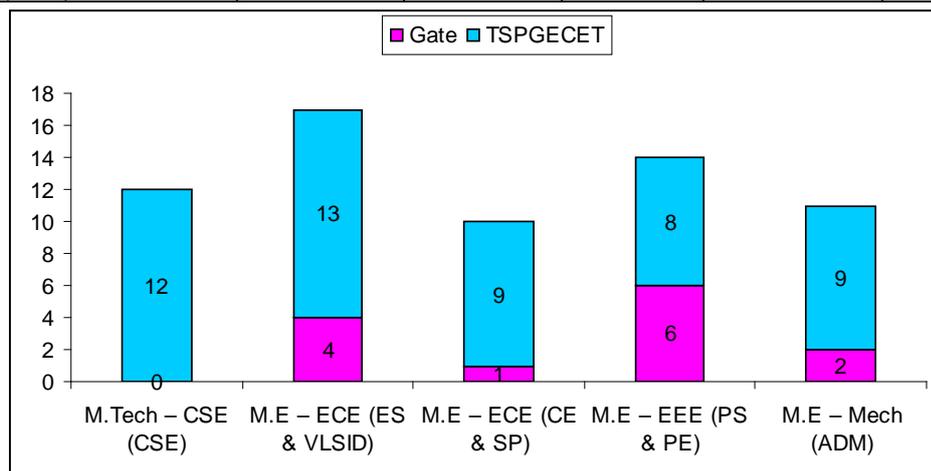
■ Intake ■ Below 1000 Rank

Course	Intake	Rank		No. of students (Below 10,000 rank)
		Opening	Closing	
BE-Civil	60	3917	32915	24
BE-CSE	120	2778	31743	64
BE-ECE	120	2492	32865	59
BE-EEE	60	3420	45459	25
BE-IT	120	5062	58310	54
BE-Mech	120	3395	59288	49

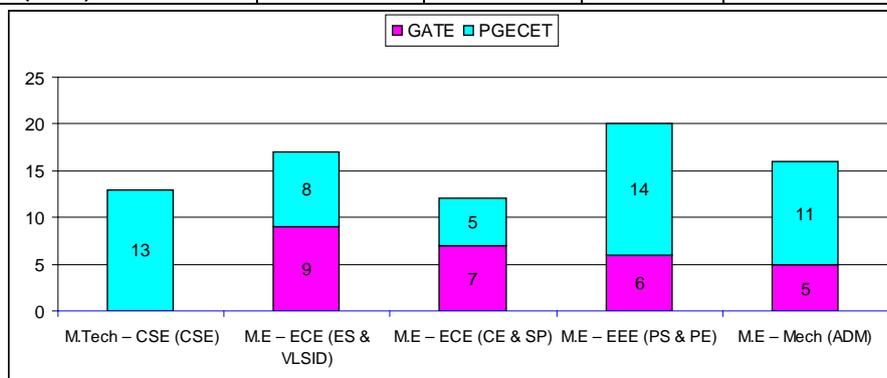
Postgraduate Programmes:

The data with regard to course-wise cutoff/last candidate admitted (through GATE/TSPGECET) into PG courses during the academic years 2015-16 & 2014-15 is furnished below:

2015-16					
Course	Intake	Starting Rank		No. of students admitted through	
		GATE	PGECET	GATE	PGECET
M.Tech – CSE (CSE)	18	0	333	0	12
M.E – ECE (ES & VLSID)	18	342	21	4	13
M.E – ECE (CE & SP)	18	13559	124	1	9
M.E – EEE (PS & PE)	24	8608	187	6	8
M.E – Mech (ADM)	18	21535	116	2	9



2014-15					
Course	Intake	Starting Rank		No. of students admitted through	
		GATE	PGE CET	GATE	PGE CET
M.Tech – CSE (CSE)	18	---	230	---	13
M.E – ECE (ES & VLSID)	18	24350	51386	09	08
M.E – ECE (CE & SP)	18	8068	630	07	05
M.E – EEE (PS & PE)	24	9683	513	06	14
M.E – Mech (ADM)	18	590	163	05	11



MCA	Year	Intake	I-CET starting rank
	2015-16	60	368
	2014-15	60	2646

ORIENTATION PROGRAMME FOR 1st YEAR STUDENTS:



The students admitted into I-Year of Undergraduate Programme have been given an Orientation Programme. During the Academic Year 2015-16, the Programme was organized on 03.09.2016 and eminent persons from "Infiniteism" were invited to deliver expert lectures for overall development of the students.

ACADEMIC QUALITY:

Higher education is essential to India's long-term social progress and economic growth. The core characteristics of Indian Private Un-Aided Engineering Colleges being extraordinary diversity, institutional autonomy, have produced an array of dynamic, innovative institutions that provide students with access to a huge range of opportunities. Simply providing access to higher education is not enough, but academic quality, top-flight educational programmes that provide value to the student is essential and without a central focus on quality, access is an empty promise.

To provide quality education, Vasavi College of Engineering is the first Engineering College in the State to establish/introduce

Event	Starting year
LAN covering entire campus	1995
World Wide Web via leased line	1998
Extra periods in the timetable for specific subjects for enhancing the performance of students	2000
Phonetics and Interactive Communication Skills Laboratory	2000
Advanced Data Communication & Networking lab under the aegis of CISCO	2003
Value-Added Courses : CISCO, CAD/CAM, GIS, VLSI to bridge curriculum gaps	2003
Structured Pre-placement Training	2003

MAGAZINES/NEWSLETTERS:

Departmental Newsletters:

Over the past three decades, the College has been publishing newsletters consisting of departmental achievements, student/staff articles for providing information on the developments and initiatives taken place in the College and Departments in particular.

Following are the newsletters published by various Departments:

S No.	Department	Name of the Newsletter
1	Civil Engineering	"Nirmaan"
2	Computer Science & Engineering	"Techgyan"
3	Electronics & Communication Engineering	"Newton's Apple"
4	Electrical & Electronics Engineering	"Electtrico Rivista"

Reminiscence:

Reminiscing has never been so easy!

Therefore, besides the above newsletters, College publishes Reminiscence every year containing the data pertaining to outgoing students with their photographs, List of University Rankers etc..

MODE OF TEACHING METHODOLOGY ADOPTED:

In our College, mode of teaching is primarily blackboard and chalk. It is supplemented by Models, OHPs and LCD Projectors, where diagrams and illustrations are required. Further the College has also introduced NPTEL video lectures in the timetable where the students can view the recorded lectures by IIT professors.

We are also now part of Quality Enhancement in Engineering Education (QEEE) where live lectures by eminent professors from IITs are being webcasted directly to the students. Our students have registered for the following modules:

- Engineering Drawing & Machine Drawing
- Basics of Design of Machine Elements
- Control Systems
- Electromagnetic Waves
- Solar DC
- Space Time codes
- MIMO and Massive MIMO
- Graphs and Strings
- Program Testing (Software Engineering)
- Site Investigation and Exploration
- Physical and Mathematical Foundations
- Fluid Mechanics
- Solid State Devices

Besides all these, the faculty members are also using video lectures/animations from the internet, to enable them more effective and informative.

INFRASTRUCTURE:

College has excellent infrastructure with spacious class rooms (43 Nos.), Tutorial Rooms (21 Nos.), Laboratories (73 Nos.), Drawing Halls (3 Nos.); Seminar Halls (7 Nos.); Workshops (2 Nos.) etc., with a total built-up area of 33,460 sq.m.



General computing facilities:

The College has established a high-speed campus-wide network that connects all the computer systems located in the campus. A fully distributed computing environment-based on clusters of workstations and PCs provides the staff and students ready access to computing resources, services, software and applications. The environment is tailored to the specific teaching-learning needs of each Department. Full access is provided to email, internet, online journals, e-content, QEEE facilities, departmental Intranets and other online sources of services and information through BSNL leased-line internet connectivity of 30 Mbps and a separate line of 30 Mbps from Beam Fiber is also provided. The college main computer centre houses 66 latest computer systems and 14 servers.

The server Room houses various servers – windows Server, LINUX Server, Oracle Database Server are connected to the LAN, thereby providing diverse computing platforms to the students, across the campus. The Internet Gateway comprises a Web Server, Symantec Protection Suite Enterprise 3.0, Fortigate 310B UTM, Fortianalyzer 100C, CISCO Router 2800, CISCO Switch and the other networking components required for an efficient LAN.

All the systems in the college campus are networked through LAN. Well-established intranet supports the faculty and the administration for online data retrieval of student details, marks, attendance, faculty publications etc..



Computer laboratories	No. of computer systems	Area of the lab (Sq.m)
Servers	14	224
Computer Centre	66	
Civil Engineering	46	102
Computer Science & Engineering	221	467
Electronics & Communication Engineering	197	697
Electrical & Electronics Engineering	56	272
Mechanical Engineering	88	347
Information Technology	170	427
Humanities & Social Sciences	42	139
MCA	110	298
Other Depts. (Maths, Phy., Chem., R & D, Exam.Br., Library etc)	163	
Total	1159	

Library:

The college library is kept open upto 6.00 p.m. and the main computer center is kept open upto 6.30 p.m. for the benefit of the students staying in the campus beyond college hours either for using the library, for working in the computer center, for taking part in any co-curricular and extra-curricular activities, or for attending any of the value-added courses. The college has also provided free transport facility upto Mehdiapatnam where a large number of city buses are available to all parts of the twin cities of Hyderabad and Secunderabad.

Book Lending Scheme:

In the academic year 2001-2002, "Book Lending Scheme" of giving one complete set of textbooks to each student for the entire semester/year, at a nominal rent, has been introduced and now Library Cards are issued @ 4 for UG and 6 for PG students besides the above Scheme.

SC/ST Book Bank Scheme:

For the past few years the State Govt. has not been supplying books under this Scheme. The College is therefore providing one set of textbooks to these students under BLS at free of cost/without charging any fees.

Particulars	Available in the Institution
Built up Area	4,136 Sq. Mtrs.
Total area of Library	2,977 Sq. Mtrs.
Reading Space	770 Sq. Mtrs.
Digital Library space	38.48 Sq. Mtrs.
Number of Titles (as on 30.10.2016)	12,010 Nos.
Number of Volumes (as on 30.11.2016)	1,03,432 Nos.
Number of online Journals (ASCE, ASME, IEEE-ASPP, POP, DELNET Consortium)	2,186 Nos.
IEEE Conference and Proceedings	2,695 Nos.
DELNET e-books	335 Nos.
Total seating capacity	250
Number of Journals (Print)	106 Nos.
Computers with Internet facility	27 Nos.



Dr. Sarvepalli Radhakrishnan Learning Resource Centre

Power Back-up:

In addition to the power supply of 11 KV HT supply from the State Electricity Board, 3 Nos. of generators (625 KVA, 500 KVA and 125 KVA) have been installed for uninterrupted power supply



In January, 2014, the college had placed work order on M/s. Aditya Green Energy Private Limited, Latur, Maharashtra State for design, manufacture, supply, erection, testing and commissioning of 200 KWP Grid connected Roof Top Solar PV System at a total cost of Rs.1.20 crores as per the recommendations of the Committee constituted for the purpose. Erection & Commissioning of the system has been completed by the supplier and now the solar power is in usage with effect from June, 2014.



Installation of 200 KWP solar PV Power generation resulted in a substantial savings of Rs.2.50 lakhs per month in the energy charges. The payback period for the investment of Rs.1.20 crores with the above savings is within 4 – 4 ½ years. Installation of PV generation also resulted in diesel saving of Rs.34,000 per month. The net savings in energy charges and diesel consumption together is Rs.2.80 lakhs per month.

ADVANCES IN CURRICULUM:

The college has undertaken a comprehensive curricular reform process by adopting Outcome Based Education framework. Each programme formulated Programme Outcomes (Pos) in line with PEOs. These relate to the knowledge, skills, and behaviors that students acquire as they progress through the programme. A methodology to map the outcomes through curriculum and assessment of attainment of outcomes is established by the college. For each course, a set of Course Learning Outcomes were defined and mapped to the Pos.

To create healthy teaching-learning process, each student was provided with an academic calendar comprising the schedule of assignments, mid-semester tests, distribution of valued scripts. The members of faculty maintain course files, lesson plan and lesson record to conduct classes and laboratory courses as per the curriculum requirement. The quality of assignment tests and semester examinations is maintained to meet the programme education objectives. The tutorial classes/remedial classes are conducted as per the schedule in the timetable.



Proctorial System:

The management and administration of Vasavi College of Engineering firmly believe that their students should be a happy and contented lot, if they are to study well and develop into good Engineers and good human beings. Hence several mechanisms have been built into the system whereby it would be possible for the students or even their parents to bring to the notice of the Principal and the management regarding any problems faced by them, so that appropriate steps can be taken to solve them.

One important mechanism of that nature is the Proctorial System. To monitor the academic progress and holistic development of students intimately, Proctorial system (mentoring system) has been introduced in the college. In this system, each student is kept under the care and guidance of a faculty member who acts as a 'Loco Parentis'. For every faculty member twenty students are allotted. The proctor continuously monitors the progress and welfare throughout the stay of the student in the college. The class coordinator of each class monitors classwork schedule, discipline of students coming on time, etc..

Professional Practice School:

The college has introduced 'Professional Practice School' to associate 2nd year B.E. students with an industry during their summer vacation.

MoUs:

The college has been building purposive partnership with the industry to provide practical learning experience and to expose the students to the emerging trends and contemporary technologies. The college has signed MoUs with the following industries:

- Geomap Solutions Pvt. Ltd.,
- Innifidects Software Devpt. & Mktg.
- Microsoft Corporation (India)Pvt. Ltd.
- Infosys Technologies
- Computer Science Corporation (CSC)
- Merxius Software Private Limited
- Navaratan Technologies
- Siemens PLM Software
- Innfidects Software Devpt. & Marketing Pvt. Ltd.,
- Susanji Consultants Struct. Engg.& Architects
- UberGrad Inc.
- Progress Software Development Pvt Ltd
- EMC² Corporation
- UberGrad Inc (SMS Country)
- Computer Associates
- UberGrad Inc
- Geomap Solutions Private Limited

ALUMNI:

The college has developed and established an alumni portal (www.vcealumni.org) and to strengthen the alumni interaction, the Faculty Coordinator of Alumni Activities of each department continuously interacts with alumni, invite them to organize sessions on technical, non-technical, softskills, industry expectations etc., to guide their junior students at college. An active list of over 2000 alumni is in place and efforts are on to strengthen their database.

An annual get-together of alumni from across the globe takes place in December every year and it was held on 19.12.2015 during the academic year 2015-16.



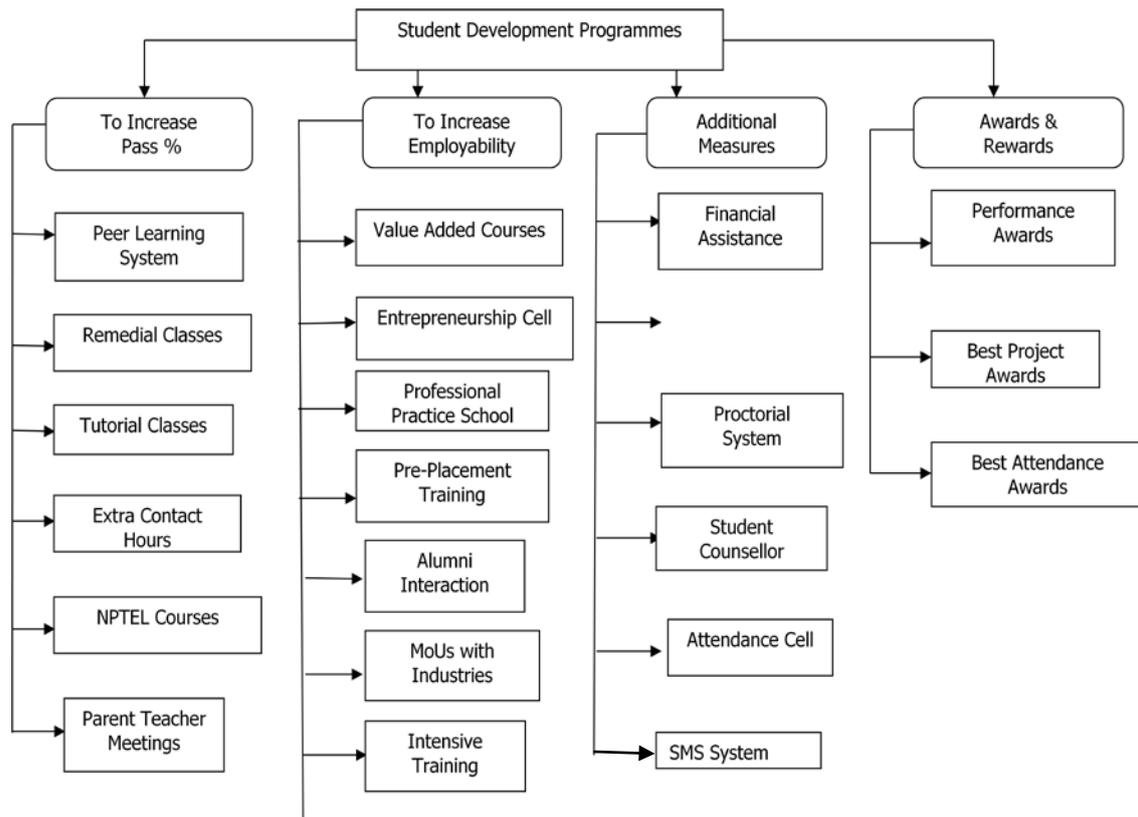
Following is the partial list of our distinguished Alumni:

- Mr. Hasan Ali Khan, CEO, Merxius Software, alumnus of 2009 won the 'Aegis Graham Bell Award' in Mumbai for their tech innovation on Augmented Reality platform.
- N.Srinath Reddy, alumnus of 2009, CMO, Innfidects Software Development and Marketing Pvt. Ltd. Have started his start-up company in the VCE incubation centre.
- Ms. Deepthi, student of ECE Branch, (2002 passed out batch) got selected for IFS.
- Mr. J. Vinod, student of Mechanical Engineering Branch : Promoter & Mentor, Sri Balaji Plastics, Bangalore
- Mr. V. Govardhan Reddy, student of Mechanical Engineering Branch : Managing Director, Chandravardhana Organics Pvt Ltd., Solapur
- Mr. E. Ramesh, student of Mechanical Engineering Branch : Bharat Dynamics Limited
- Mr. Krishna Bhargava (CSE - 2006) : 4D Security Solutions, New Jersey
- Mr. Rahul Kishore Singh (CSE - 2010) studying in IIM Kolkata
- Mr. Chandrakanth (CSE-2009), working in Citrix India, Bangalore
- Mr. Ramsuman working in Twitter
- Dr. R. Pradeep Kumar (Civil-1995): Head, Centre for Earthquake Research, IIIT, Hyd.
- Mr. N. Satya Prasad, Practice Head, Geo-Spatial Technology, TCS, Hyderabad

- Mr. Akella Sarma (Mech-1988), General Manager, Ashok Leyland
- Mr. Suman reddy Eudunuri (ECE-1996), Corporate Vice President, Country Head & Managing director, Pega systems.
- Mr. Uma Mahesh Mudigonda (CSE-1998), Programme Manager, Microsoft
- Mr. Ravi Kumar Tirumala (EEE-2007), got selected for IFS
- R. dodde anjaneyulu, (CSE-2005), Assistant Collector, Jharkhand
- Mr. Abhishek Mohanty, (CSE-2007), IPS, Hyderabad

MAJOR ACADEMIC INITIATIVES UNDERTAKEN:

The college has taken various student development programmes to improve student performance and employability.



Awards:

To encourage merit and to develop competition among the students, the College has instituted awards as detailed below:

- **Best Academic Performance Awards** are given to top 3 students of each section, for all the courses, based on their performance in the University Examination in the preceding year. (Details of student awardees are furnished in **Annexure-B**).
- **Best Project Awards** are given for final year students to encourage innovativeness for the projects relevant to their respective fields of engineering. A total No. of 19 students have received the 1st Best and 16 students have received the 2nd Best Award. (Details of student awardees are furnished in **Annexure-C**).
- **Best Attendance Awards** are given to all those students who have secured 98% to 100% of attendance in the preceding academic year. (Details of student awardees are furnished in **Annexure-D**).
- In token of their all-round performance, **Young Leader Awards** are given to the following 4th year B.E. students:

S.No.	Roll.No.	Name of the Student	Branch
1	1602-12-732-035	SAI ANOOP ADITYA V	CIVIL
2	1602-12-733-079	KRISHNA SINDHURI V	CSE
3	1602-12-734-009	K DURGA SRI SAI	EEE
4	1602-12-735-059	VISHAL MUNDADA	ECE
5	1602-12-736-102	SAI VARUN GOLLAPALLI	MECH
6	1602-12-737-018	MOUNIKA KUDARAVALLI	I.T

Mementos along with certificate and gifts are given to the young leaders at 5.00 pm on 02.04.2016.

Gold Medals:

Vasavi Academy of Education has instituted Gold Medals to the toppers of each discipline based on their cumulative performance (from 1st year to final year) in the University Examinations. In addition, Gold Medals have also been instituted by industry partners, alumni, parents and individuals and the total No. of Gold Medals is 17. Details of student awardees are furnished in **Annexure-E**).

Entrepreneurship Development Cell:

The College is an Institutional Member of NEN and TiE who are globally known organizations for entrepreneurial leadership programmes.

The Entrepreneurship Development Cell of the College is functional since 2002. The ED Cell organized different programmes to motivate and guide the students for entrepreneurship development and equips them with information and opportunities. As a part of E-week, college has organized an E-Summit 2016 with 23 eminent CEOs of different startup companies from Telangana have participated and shared their experience with the students. College has also organized 'Made in India' contest for school children of twin cities. The College was participated in E-Week India the country's largest campaign to celebrate entrepreneurship 2016 and we received **Championship Award** and **E-week 2016 School Innovation Award** in southern region. Some of the important activities organized and attend by the ED Cell are:

- SWAYAM GAON UDAYAMI – Rural Micro entrepreneurs capacity building programme (1-Day workshop)
- NEN Successful Leadership Workshop (E-Leader workshop)
- NEN Kick-starting the entrepreneurial campus (FDP)
- Candle Making Workshop
- E-Summit at IETE auditorium hall, Osmania University
- Swayam Prayanam
- e-Week 2016
- Bharati Yuva Shakti Trust (BYST) – Student Mentoring Session
- Started the ED Cells, provided the guidance to start the new ED cells at VJIT and Aurag Group of Institutions, Hyderabad

Innovation Centre:

The College has established **Innovation Center** in the year 2010-11 for nurturing innovative ideas from the students. An amount of Rs.48.50 Lakhs has been sanctioned by DST to establish IEDC in the college for five years starting from the academic year 2010-11. As a part of this initiative, Ideation contests were conducted every year. The college provides necessary facilities and financial support upto Rs.1.00 lakh to carry out each projects. A Committee consisting of experts from diverse industries is involved in the selection of ideas. As a part of this, the College has received a work order for manufacturing of 10 products of a Pilot Project **Clean It All** from Govt. of India under Swatch Bharat Scheme. These 10 products we are supplying to the nearby Panchayats under the clean and green of the twin cities.

The following are the students' innovative ideas which were converted into the product during 2015-16:

S No.	Idea	Names of the students in the Team (Mr./Ms.)	Mentor Name
1	Energy from dried leaves	K. Srinivas Mohan, Vaishnavi.D, TNDP Charita, T. Sai Sushanth, Priyanka Chander	Dr. A. Srinivas, Prof., MED
2	Bird scarer by using solar power	Sai Krishna Prasanth, Santosh Sagar, Ravi Teja	Mr. N.B. Samba Murty, Asst. Prof., MED
3	Smart Drip Irrigation	V. Keerthi, Ch. Venkata Naresh, Y. Mahikanth Nag, V. Keerthi	Dr. T. Adilakshmi, Prof. & HoD-CSE
4	LPG Doctor!	Gouthami Mogili, Chintam Tarun, Sarath Chandra	Mr. S. Vinay Kumar, Asst. Prof., CSE
5	Foldable Cycle	Bhavya Sree, Narender, Srinidhi, P. Rahul	Mr. J. Anjaneyulu, Asst.Prof., MED
6	Smart Bin	Y. Sangeetha, V. Vathsalya, P. Vyshnavi Sai Amritha	Mr. M. Shashi Kumar, Asst. Prof., CSE



E-Summit



SWAYAM Gaon Udayami



Foldable Cycle



Candle Making Workshop

Microsoft Inc. has recognized Vasavi College of Engineering as a Microsoft Innovation Centre and out students have developed around 250 Apps and uploaded to Microsoft.

Incubation Centre:

The College has set-up an Incubation Centre to provide platform to startup and entrepreneurs to convert their innovative ideas into commercially viable products.

STUDENT ACHIEVEMENTS:

Gist of student achievements is as follows:

- Mr. Chintam Tarun (CSE) Ms. Gouthami Mogili (CSE) and Mr. Sharath Chandra (EEE) have built an IoT (Internet of Things) product, named LPG Doctor, that can measure the cooking gas level and accordingly send an alert to the consumer as well as to the gas distributor, so that the consumer can book Cylinder. It can also send alerts on the customer's mobile on gas leakages, if any.

This is aimed at building awareness, make the students build prototypes/ products that are useful to the society and encourage them to become entrepreneur.

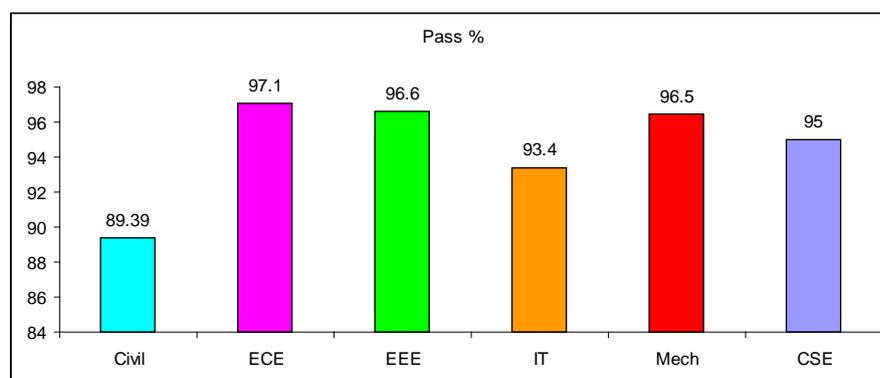
The LPG Doctor was adjudged as the 7th best in the workshop organized by JNTUH. This innovative project which was carried out by our above students is published in the leading newspapers viz., The Hindu Business Line and The Hindu newspapers.

Students performance B.E.

Our students have performed well in the University Examinations. Following is the data with regard to student performance in the examinations:

Undergraduate Courses (B.E) - (2015-16):

S No.	Branch	No. Regd.	No. passed	% Pass
1	Civil Engineering	66	59	89.39
2	Electrical & Electronics Engineering	69	67	97.10
3	Electronics & Communication Engineering	148	143	96.60
4	Information Technology	137	128	93.40
5	Mechanical Engineering	143	138	96.50
6	Computer Science & Engineering	142	135	95.00
Overall pass percentage				95.04



Postgraduate Courses (M.E/M.Tech) - (2015-16):

Sl. No.	Name of the Course/ Specialization	No. of Candidates Registered	Distinction	No. Passed	
				First Class	Second Class
1	ME- ECE (ES & VLSID)	16	5	10	---
2	ME- ECE (CE & SP)	15	10	4	---
3	ME - MECH (ADM)	17	10	7	---
4	ME - EEE (PS&PE)	17	14	3	---
5	M.TECH - CSE	14	11	3	---
		79	50	27	---

University Ranks: (2015-16 results yet to be announced by Osmania Univ.)

Our students have been consistently achieving good academic results and ranks in the University Examinations. They have secured first ranks in ECE, IT and Mechanical Engineering during the year 2014-15. We showed an improvement of No. of ranks with respect to 2013-14.

Department	University Ranks (2013-14)	University Ranks (2014-15)
Civil Engineering	4 (1,3,5,8)	1 (3)
Electrical & Electronics Engineering	1 (8)	3 (7,9,10)
Electronics & Communication Engineering	2 (1,7)	4 (1,3,5,10)
Mechanical Engineering	2 (3,10)	3 (1,2,10)
Computer Science & Engineering	6 (3,5,7,8,9,10)	5 (3,4,6,8,10)
Information Technology	3 (1,5,7)	5 (1,2,3,6,8)
Total Ranks	18	21

Student Placements:

The Department of HR organizes pre-placement training programmes every year to the students for better placements in association with reputed organizations.

During the month of July, the Department of HR, in association with M/s. Talent Sprint had organized a training programme for BE students during July, 2016.

Based on the data furnished below in respect of campus placements, it may be observed that almost 90% of the eligible students got placements in reputed companies that have visited the campus for recruitment. The Tier-I organization viz., Host Analytics has offered our students a pay package of 15.00 Lakhs/pa. Other major companies that

selected our students during the year 2015-16 include Infosys, Cognizant, Accenture and Accolite Software.

A total no. of 567 students got placement from 2015-2016 batch, securing 988 offers.

No. of students with (1) one offer	302	×	1	=	302
No. of students with (2) two offers	157	×	2	=	314
No. of students with (3) three offers	66	×	3	=	198
No. of students with (4) four offers	36	×	4	=	144
No. of students with (5) five offers	6	×	5	=	30
	<u>567</u>				<u>988</u>

A total of 62 companies have visited during the year 2015-16.

List of companies that visited our campus this year are

S. No.	Name of the organization	Pay package per annum (Rs. lakhs)
1.	Host Analytics (Internship)	15.00
2.	Progress Software Devpt. Pvt. Ltd., (Internship)	12.50
3.	Customfurnish India Pvt. Ltd., (Internship)	12.00
4.	Accolite Software India Pvt. Ltd.,	10.00
5.	Oracle India Private Ltd.,	7.50
6.	UURMI Systems Pvt. Ltd., (Internship)	7.50
7.	Samsung R & D Institute India	7.50
8.	Huawei technologies India Pvt. Ltd.,	7.50
9.	Kony Labs	7.20
10.	Pega Systems	7.20
11.	AMD R & D Centre India Pvt. Ltd.,	7.20
12.	Deloitte Consulting (India) Pvt. Ltd.,	6.20
13.	Pramati Technologies Pvt. Ltd.,	6.00
14.	Callidus Cloud India Pvt. Ltd.,	6.00
15.	Avaya India Pvt. Ltd.,	6.00
16.	Capital IQ India	5.84
17.	FMC Technologies India Pvt. Ltd.	5.54
18.	NetCracker	5.20
19.	Zetagile (Internship)	5.00
20.	Appalaud solutions India Pvt. Ltd.	5.00
21.	Hexagon Capability Centre India Pvt. Ltd.,	4.75
22.	CDK Global	4.50
23.	Mu-Sigma	4.30
24.	Hitqachi Consulting Software Services India Pvt. Ltd.,	4.25
25.	ADP India	4.00

S. No.	Name of the organization	Pay package per annum (Rs. lakhs)
26.	Thomson Reuters (Internship)	4.00
27.	Hyundai Mobis India Ltd.,	3.75
28.	Atria Convergence Technologies Pvt. Ltd.	3.75
29.	Mytrah Energy (India) Ltd.	3.75
30.	Persistent Systems Ltd.	3.75
31.	FTD India Pvt. Ltd.	3.75
32.	Aarvee Associates Arch. Engrs. & Consultants Pvt. Ltd.	3.60
33.	Accenture	3.50
34.	Computer Science Corporation	3.50
35.	Polaris Financial Technology Ltd.	3.50
36.	United Health Group	3.50
37.	RedPine Signals Inc.,	3.50
38.	Rubicon Red Software India Pvt. Ltd.	3.50
39.	Value Momentum Software Services	3.50
40.	Cognizant	3.35
41.	Infosys	3.25
42.	CapGemini India	3.15
43.	UX Reactor	3.00
44.	NTT Data	3.00
45.	SoCtronics	3.00
46.	SKS Microfinance Ltd.	3.00
47.	Agile CRM	3.00
48.	Infor Global Solutions India Pvt. Ltd.	3.00
49.	Cybage Software India Pvt. Ltd.,	2.80
50.	Reva Solutions (Internship)	2.40
51.	PamTen Inc., (Internship)	2.40
52.	Abacus Service Corporation	2.40
53.	Unistring Tech Solutions Pvt. Ltd., (Internship)	2.00
54.	KTree Computer Solutions India Pvt. Ltd.	2.00
55.	Value Labs	2.00
56.	Ashoka Developers & Builders Ltd.	2.00
57.	BlackKnight Financial Services (Internship)	1.80
58.	Value Labs (Internship)	1.80
59.	Safal Solutions (Internship)	1.80
60.	Genpact	1.80
61.	Raster Technologies	1.80
62.	Arana Power Systems	1.80

RESEARCH & DEVELOPMENT:



During the academic year 2015-16, the College was able to generate Rs.92.30 lakhs through R & D and Consultancy projects awarded by various Government and public sector organizations. Details of completed and ongoing projects are furnished at **Annexure – F**.

Ranks obtained in competitive examinations:

A total number of 100 students from various branches have obtained notable ranks in different competitive examinations viz., GATE, CAT and GRE.

Ranks awarded to the College by reputed magazines:

Following are the ranks awarded to the College by reputed magazines after conducting their survey on all Self-financed Private Engineering Colleges considering various parameters:

Magazine	Date, Month & Year		Rank	
	2014	2015	2014	2015
The Week	June 22	June	85 th Rank among top 100 Engineering colleges	93 rd All India Rank
Edu and Rank	2014	Sept	77 th Rank among top 500 Engineering Colleges 5 th Andhra Pradesh State Rank	98 th Top 100 Engineering Colleges
Digital Learning	June 2014	---	AAA – Andhra Pradesh Private Engineering Colleges, 36 th Private Engineering Colleges	---
Times Engineering	---	June	---	68 th position in Top 100 Engineering Colleges
Hawa Best Research Survey	---	---	---	69 th South Zone Rank

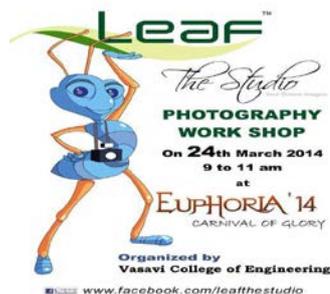
EXTRA-CURRICULAR ACTIVITIES:



The Management and the administration of the college sincerely believe that active participation by the students in co-curricular and extra-curricular activities is essential for the wholesome development of their personality and success in life. Students of Vasavi College of Engineering have ample opportunities to participate in these activities. Student Chapters of professional bodies like ACM, IEEE, CSI and IE exist in the college and are quite active.

Since the students' talent in extra-curricular activities is also one of the parameters while recruiting them by the employers, various clubs have been formed where students take active part.

- **Vasavi-talkies** --- *to encourage innovative talents of students in short film making and photography based on themes of community interest*



- **Music** --- *to encourage talent of students in music*

- **Traditional Day:**

Traditional day, the first of its kind in the history of Vasavi, was introduced. The day started with Ganesh Pooja, performed by the esteemed Principal. During the year 2015-16, it was celebrated on 2nd April, 2016 and the response was simply amazing with nearly 90% of the students and the staff turning up in traditional attire, representing different cultures. It was a welcome change for all the Vasavians, who looked awesome in the colourful sarees, sherwanis, kurtas, etc.



- **EUPHORIA** --- *College Annual Day Celebrations*

Over the years, Euphoria has hosted celebrity events including a high profile fashion show and celebrated artists like Shivamani, Parikrama and Ryan beck. Euphoria is set to follow this tradition and become yet another zest filled celebration of the spirit of youth.

This is the time for students to exhibit their talents in various areas other than the academic activities. The events during this festival of creativity are quiz, catwalk, mock press conference., choreography, solo singing, dumb charades, treasure hunt, antyakshari, pot-pourrie, movie quiz, mad ads, elocution, rangoli, mosaic and many more events.

- **TechFest:**

The pace of progress in the field of Science & Technology in this millennium has overshadowed the speed of Technological changes in the past decades. In this millennium, this pace would intensify and may even reach a state beyond our imagination. Technical Symposiums like Acumen are an effort to catch up with the pace of technological innovation.

Acumen (TechFest) triggered off in the year 1996. It was the first of its kind in Hyderabad and had an overwhelming response. It paved way to Acumen '99, which was a great success, too. Around 180 papers from various parts of the country were received and students from various universities and prestigious institutes like IIT, NIT etc. participated in this symposium.

ACUMEN is a two-day festival. The event seeks to achieve communication of innovative ideas that promote the cause of the technological advantage among the students, and also keep them abreast with the latest advances in their respective fields. It also opens a window to the participants to interact with people from different backgrounds and upgrade their knowledge.

The theme "YOUTH-TECHNOLOGY-FUTURE" asserts the fact that the future of technology lies in the hands of the youth.



During the year 2015-16, the students explored & exhibited their talents in the areas related to scholastic activity. The events conducted during this festival are Technical Grand Prix, Poster Presentation, Rocketry, LAN Party, Constructors Championship, Technocraftz and spot events like Techno Witz, MineSweeper, Puzzle 'O' Mania, and PotPouri.

- **Abhinay** --- *to encourage acting talents*
- **Kriti** --- *to encourage creative talents of students in arts and painting*
- **Speakeasy** --- *to improve communication skills*

- o **ECO Club** --- *to undertake environmental awareness programmes*

The College management encourages our students to participate in games & sports with sponsorship, attendance etc., and wishes them to bring many more laurels to the College.

The college has been actively encouraging students to participate in various sports & games as it believes that there should be a holistic development of the students. The Department of Physical Education has conducted sports and games for the staff and students in events like Cricket, Football, Volleyball, Throw Ball, and individual events like Tennis, Table tennis, Carroms, Shuttle, Chess, and Athletics.

Mr. Aditya Reddy, Assistant Physical Director, has been nominated as Manager for OU Table Tennis Team (Men & Women) Competitions – South Zone, held at KAVALI, Nellore District and he has been nominated as “OBSERVER” for “Telangana State Physical Education Common Entrance Test-2015” conducted by O.U., at Gachibowli Stadium.

Our students have participated in various games and sports organized by JNTU, Osmania University, and other colleges.

Some of the remarkable achievers of our College, during the academic 2015-16 are:

Name of the student	Dept.	Year	Event details	Prizes won
Mr. V. Snehith Reddy	Civil	2/4	Swimming Competition in OU Inter-Collegiate Tournaments held during Sept, 2015	1 Gold 2 Silver
Mr. K. Prudhvi Prashanth	ECE	2/4	All-India Universities Swimming Competitions conducted by Punjab University, Amritsar during Oct, 2015	1 Gold 1 Bronze
Ms. Priyanka Rathod	EEE	4/4	Inter-Collegiate Swimming Competition in OU Inter-Collegiate Tournaments held during Sept, 2015	1 Bronze
Mr. C.V. Vinay	Civil	3/4	OU Inter-Collegiate Boxing Tournament	Bronze Medal



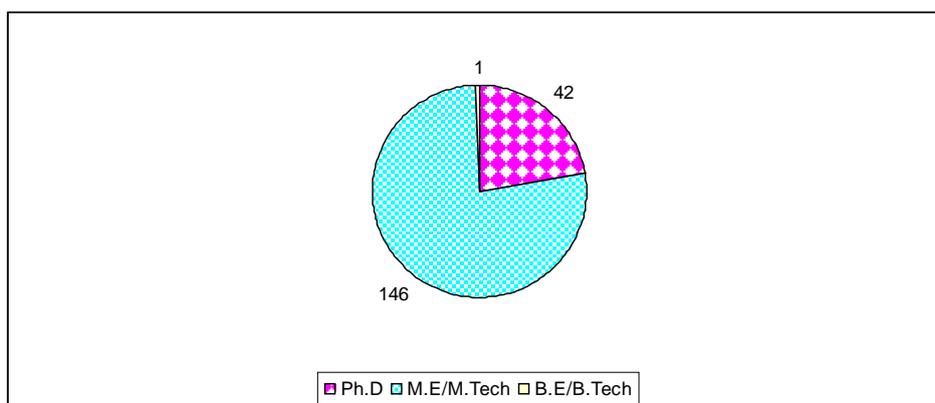
FACULTY DEVELOPMENT:

In a rapidly changing technological world, it is imperative that the faculty and staff need to constantly upgrade their knowledge and skills to remain effective. For the success of any educational reform initiative, provision of high-quality professional development is necessary.

As a part of continuous improvement and to cope with the present need, the college deputed faculty members to Seminars/Conferences/Workshops organized by reputed institutions/establishments under TEQIP-II. The registration fee, to & fro travel expenses, board & lodging charges are borne by the college.

FACULTY (as on 30.11.2016):

Out of a total No. of 189 qualified faculty, 42 were Ph.D, 146 PG and 1 UG degree holders.



Workshops/Conferences attended:

171 faculty members attended various events during the year 2015-16. The department-wise break-up is shown below:

S No.	Department	No. of faculty attended
1	Civil Engineering	24
2	Mechanical Engineering	40
3	Electronics & Communication Engineering	50
4	Computer Science & Engineering	17
5	Electrical & Electronics Engineering	8
6	Information Technology	23
7	Master of Computer Applications	8
8	Chemistry	1

Workshops/Conferences conducted:

During the year 2015-16, the college organized a total No. of 112 seminars/workshops/guest lectures/personality development programmes/staff development programmes by inviting eminent persons/organizations from academia/industry.

The Department-wise break-up is shown below:

S No.	Department	No. of seminars/workshops/ guest lectures/PDP/SDP organized during 2015-16
1	Civil Engineering	02
2	Mechanical Engineering	19
3	Electronics & Communication Engg.	15
4	Electrical & Electronics Engineering	08
5	Computer Science & Engineering	38
6	Information Technology	29
7	Master of Computer Applications	01



Guest Lecture by Mr. R. Ramakrishna, Director, Usha technologies on "How to think out of the box (Lean six sigma)" under IE(I) Mechanical Engineering Students' Chapter



Two day workshop on IoT conducted in the 21-22 August, 2015 conducted by Department of CSE

Qualification upgradation:

Faculty are encouraged to pursue higher studies (either full-time/part-time) and are given financial support.

- o Faculty pursuing M.E/M.Tech are entitled for reimbursement of tuition fee upto Rs.5,000/- per annum and given paid leave and/or reduction of workload.
- o Faculty pursuing Ph.D degree are eligible for reimbursement of tuition fee upto Rs.10,000/- per annum towards contingency, thesis preparation, Academic Leave (upto 6 months) and reduction of workload.

The list of faculty pursuing higher studies department-wise is given below:

S. No.	Name (Mr./Ms.)	Designation	Department	Remarks
1	Mr. M. Bhasker	Asso. Prof.	Civil	Pursuing Ph.D
2	Mr. S. Vijaya Kumar	Asso. Prof.	Civil	Pursuing Ph.D
3	Mr. M.V.S.S. Sastri	Asso. Prof.	Civil	Pursuing Ph.D
4	Ms. Ch. Pavani	Asst. Prof.	I.T	Pursuing M.Tech
5	Ms. D. Kavitha	Asst. Prof.	I.T.	Pursuing Ph.D
6	Ms. S.K. Chaya Devi	Asst. Prof.	I.T.	Pursuing Ph.D
7	Mr. K. Shyam Sunder Reddy	Asst. Prof.	I.T.	Pursuing Ph.D
8	Ms. R. Sudha	Asso. Prof.	MCA	Pursuing Ph.D
9	Ms. S. Srilakshmi	Asso. Prof.	MCA	Pursuing Ph.D
10	Mr. K. Rama Krishna	Asso. Prof.	MCA	Pursuing Ph.D
11	Mr. M. Jithender Reddy	Asso. Prof.	MCA	Pursuing Ph.D
12	Ms. P. Sukanya	Asst. Prof.	Chem.	Pursuing Ph.D
13	Ms. M. Sunitha Reddy	Asst. Prof.	CSE	Pursuing Ph.D
14	Ms. V. Sireesha	Asst. Prof.	CSE	Pursuing Ph.D
15	Mr. K. Jairam Naik	Asst. Prof.	CSE	Pursuing Ph.D
16	Mr. R. Sateesh Kumar	Asst. Prof.	CSE	Pursuing Ph.D
17	Mr. MSV Sashi Kumar	Asst. Prof.	CSE	Pursuing Ph.D
18	Mr. S. Vinay Kumar	Asst. Prof.	CSE	Pursuing Ph.D
19	Ms. G.R. Padmini	Asso.. Prof.	ECE	Pursuing Ph.D
20	Mr. G. Venkateswarlu	Asso.. Prof.	ECE	Pursuing Ph.D
21	Ms. A. Srilakshmi	Asso.. Prof.	ECE	Pursuing Ph.D
22	Ms. R. Leelavathi	Asst. Prof.	ECE	Pursuing Ph.D
23	Ms. K. Deepthi	Asst. Prof.	ECE	Pursuing Ph.D
24	Ms. S.A. Deepthi	Asst. Prof.	ECE	Pursuing Ph.D
25	Mr. N. Abid Ali Khan	Asst. Prof.	ECE	Pursuing Ph.D
26	Ms. Vibha D. Kulkarni	Asst. Prof.	ECE	Pursuing Ph.D
27	Ms. Sk. Afroz Begum	Asst. Prof.	ECE	Pursuing Ph.D
28	Mr. K. Srinivasa Rao	Asso. Prof.	Mech.	Pursuing Ph.D
29	Mr. S. Venkataiah	Asso. Prof.	Mech.	Pursuing Ph.D
30	Mr. P. Venkateswara Rao	Asso. Prof.	Mech.	Pursuing Ph.D
31	Mr. K. Veladri	Asso. Prof.	Mech.	Pursuing Ph.D
32	Mr. VBS Rajendra Prasad	Asso. Prof.	Mech.	Pursuing Ph.D
33	Mr. J. Anjaneyulu	Asst. Prof.	Mech.	Pursuing Ph.D
34	Ms. PVS Subhashini	Asst. Prof.	Mech.	Pursuing Ph.D
35	Mr. M. Sudhakar	Asst. Prof.	Mech.	Pursuing Ph.D
36	Mr. D. Govinda Rao	Asst. Prof.	Mech.	Pursuing Ph.D
37	Mr. K. Spurgeon	Asst. Prof.	Mech.	Pursuing Ph.D
38	Mr. R. Hari Kishore	Asst. Prof.	Mathematics	Pursuing Ph.D
39	Ms. C. Naga Anuradha	Asst. Prof.	Mathematics	Pursuing Ph.D

S. No.	Name (Mr./Ms.)	Designation	Department	Remarks
40	Ms. V. Sri Ramani	Asst. Prof.	Mathematics	Pursuing Ph.D
41	Ms. G. Meena	Asst. Prof.	H & SS	Pursuing Ph.D
42	Ms. K. Jhansi Rani	Asst. Prof.	H & SS	Pursuing Ph.D
43	Ms. B. Sheela Rani Simon	Asst. Prof.	H & SS	Pursuing Ph.D
44	Mr. T. Sunand Emmanuel	Asst. Prof.	H & SS	Pursuing Ph.D
45	Ms. M. Jyothi	Asst. Prof.	H & SS	Pursuing Ph.D
46	Ms. Ch.V.S.S. Sailaja	Asst. Prof.	EEE	Pursuing Ph.D
47	Ms. G. Sandhya Rani	Asst. Prof.	EEE	Pursuing Ph.D
48	Mr. M. Sreenivasulu	Asst. Prof.	EEE	Pursuing Ph.D
49	Ms. G. Pranava	Asst. Prof.	EEE	Pursuing Ph.D
50	Mr. P. Ravi	Asst. Prof.	EEE	Pursuing Ph.D

Faculty publications:

A total No. of 64 papers were published/ presented in various national/ international seminars/conferences/ journals. *List of publications/presented are given in **Annexure-A**.*

Research Centres:

The following Departments are recognized by the Osmania University as Research Centres leading to the award of Ph.D degrees:

- Computer Science & Engineering
- Electronics & Communication Engineering
- Mechanical Engineering

Faculty Achievements during the year 2015-16:

In token of their potentiality, the faculty of our College have received awards/citations against their recognition as detailed below:

- Dr. G. Shravan Kumar, Associate Professor, Department of Civil Engineering, obtained his Ph.D degree from JNTUH.
- Ms. B. Syamala, Asst. Prof., Department of CSE obtained her M.Tech from JNTUH

TEQIP-II:

The Institute is one of the 25 private institutes all over the country to have been selected for Technical Education Quality Improvement Programme (TEQIP) Phase-II, sub-component 1.1, with a funding of **Rs.4.00 crores**. The MoU has been signed in September, 2011 and the original project completion date is **31st December, 2014**. **This has been extended till March, 2017**. The objective of the programme is 'Strengthening Institutions to improve learning outcomes and employability of graduates'. The total expenditure incurred from implementation of TEQIP-II for the financial year 2015-16 is given below:

S No.	Activities	Cumulative Exp. Up to previous month of reporting since inception	Exp. During the reporting month	Total cumulative expenditure upto reporting month	Committed Expenditure upto Apr-2016	Expenditure in pipeline for next Qtr. Ending on Jun-2016
(1)	(2)	(3)	(4)	(5 = 3 + 4)	(6)	(7)
1.	Improvement in teaching, training and learning facilities	113.99	0.00	113.99	10.00	0.00
2.	Provide Teaching and Research Assistantships to increase enrolment in existing and new PG programmes in Engineering disciplines	81.82	0.18	82.00	3.38	6.72
3.	Faculty and staff development for improved competence	101.30	0.58	101.88	14.25	16.50
4.	Enhanced interaction with Industry	26.85	1.36	28.21	4.90	6.60
5.	Institutional Management Capacity enhancement	4.29	0.00	4.29	0.50	1.00
6.	Implementation of Institutional academic reforms	37.81	0.00	37.81	8.00	1.00
7.	Academic support for weak students (ASW)	13.12	0.32	13.44	1.00	1.00
8.	Incremental operating cost	38.26	1.27	39.53	1.60	3.60
9.	R & D activities	0.00	0.45	0.75	1.75	3.50
	GRAND TOTAL	417.44	4.16	421.9	45.38	39.92

The project (TEQIP-II) is being evaluated from time to time by World Bank and MHRD. Our Institute performance indicating the Key Performance Indicators (KPI) is shown below:

1	No. of students registered for PG Programmes	72	67
2	Revenue generated from Consultancies	Rs.50.93 lakhs	Rs.2.50 lakhs
3	Journal Publications (refereed National + International)	36	60
S No.	Deliverables	Baseline	Status
4	<u>Campus Placements:</u>		
	UG	74%	75%
	PG	36%	33% (Rctt. Still in progress)
5	Accreditation	Applied	All 6 UG Programmes Accredited till 18.09.2015 and applied for renewal. Expert Team visit expected for 2 eligible PG Programmes
6	Autonomy	No	Obtained and became autonomous from the Acad. Yr. 2014-15
7	<u>Transition Rate:</u>		
	All students		80.91
	SC		64.41
	ST		33.33
	OBC		88.57
	Women		84.58
8	Enrolment of faculty with Bachelor Degree for qualification Upgradation	12	02

The NPIU has reviewed the TEQIP institutions' performance on the basis of 10 Performance Indicators and the institutions meeting less than 10 indicators are required to send their action plan to NPIU.

Vasavi College of Engineering has fulfilled all the performance indicators and scored 10 out of 10. VCE is the only one college in Telangana State which got 10 out of 10.

GOVERNANCE:

Vasavi College of Engineering was established in 1981 by Vasavi Academy of Education (VAE), which was started by a few prominent men drawn from various walks of life, such as industry, trade, legal and other professions, University and Civil services, under the stewardship of Late Sri Pendekanti Venkata Subbaiah, with the laudable aim of providing quality education on a sound basis and on non-commercial lines to all boys and girls.

The Academy was registered as a Society vide Registration No. 918 of 1980 on **29th August, 1980** with the Registrar of Societies, Hyderabad, under the Andhra Pradesh (Telangana area) Public Societies Registration Act, 1350 Fasli (Act I of 1350 F) vide Certificate of Registration dated 29th August 1980. It is now governed by the Andhra Pradesh Societies Registration Act, 2001 (Act No.35 of 2001) with effect from 10th December 2001. The Academy was registered under section 12A of the Income Tax Act, 1961 vide registration application dated 31-10-1980 with the Commissioner of Income Tax, Andhra Pradesh-II Hyderabad. From the assessment year 2008-2009, the Chief Commissioner of Income Tax, Hyderabad-500 001, accorded approval to the Academy as per sub-clause (vi) of clause (23C) of Section 10 of the Income Tax Act, 1961 (43 of 1961).

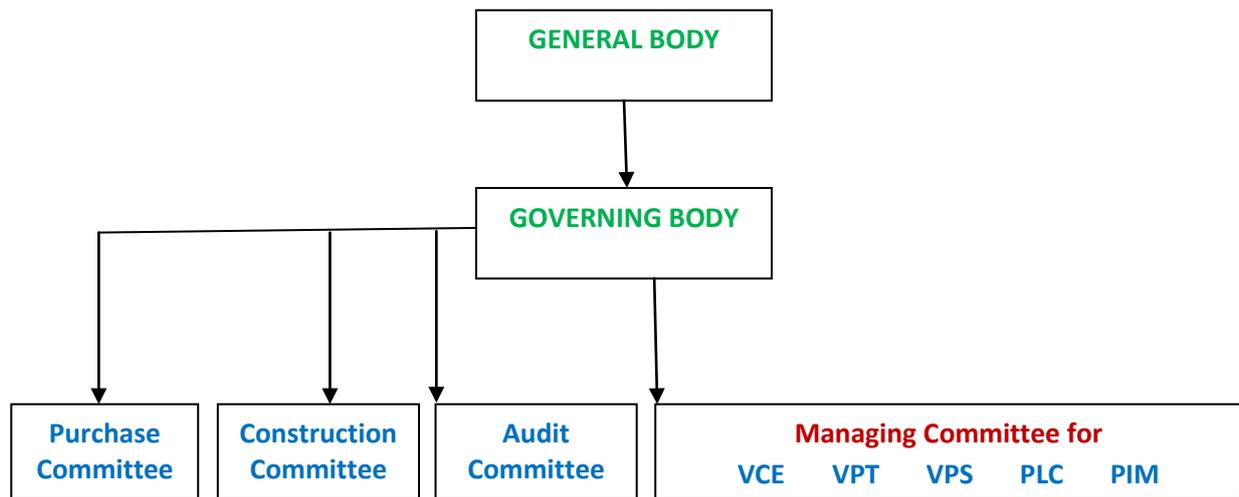
Objectives:

The VAE was established with the following main objects:

- a) To establish, aid and maintain educational and other institutions, to impart instruction, at all stages, for the promotion of literature, Fine Arts (Social and Cultural), Arts, Commerce, Law and Science including Technology and Medicine and all other subjects for diffusion of knowledge.
- b) To institute and award Travelling Fellowships, Scholarships, incentives and Prizes in the manner to be prescribed.
- c) To hold and manage endowments, medals and prizes
- d) To do all such acts and things as may be necessary or desirable to further the objects of the Academy

Institutions sponsored by Vasavi Academy of Education

- Vasavi College of Engineering, Hyderabad (VCE) 1981
- Vasavi Public School, Hyderabad (VPS) 1983
- Vasavi Polytechnic, Banaganapalle (VPT) 1985
- Pendekanti Law College, Hyderabad (PLC) 1990
- Pendekanti Institute of Management, Hyderabad (PIM) 1991
- Vasavi College of Music & Dance, Hyderabad (VCMD) 1991



The Governing Body of Vasavi Academy of Education, Managing Committee of the Institution constituted as per the bye-laws of the Academy and the Board of Governors as per norms of TEQIP-II are the main constituents responsible for the governance of the institution.

GOVERNING BODY

Vasavi Academy of Education (2015-16)

Sri G.V. Gunnayya Chetty : **Patron**
Sri V.V. Sayi : **Patron**

S No.	Name	Designation
1	Sri P. Ramamohan Rao	President
2	Prof. T.V. Subba Rao	Vice-President
3	Sri M. Krishna Murthy	Secretary
4	Sri K. Vasudeva Gupta	Joint-Secretary
5	Sri P.V. Ratnam	Treasurer
6	Sri P. Balaji	Member
7	Sri K.V. Rangaiah	Member
8	Sri K. Ashok Kumar	Member
9	Smt. P. Indrani	Member
10	Sri Gouri Prasad	Member
11	Sri V.M. Parthasarathi	Member
12	Sri Lagisetty Subbagurumurthi	Member
13	Prof. Dr. V. Srinivasulu	Special Invitee

MANAGING COMMITTEE

Vasavi College of Engineering (2015-16)

S No.	Name	Designation
1	Sri P Ramamohan Rao	President
2	Prof. T.V. Subba Rao	Vice President
3	Sri M Krishnamurthy	Secretary
4	Sri K. Vasudeva Gupta	Joint Secretary
5	Sri P V Ratnam	Treasurer
6	Sri D.B. Ramanatha Gupta	Member
7	Dr. K. Jaya Sankar	Principal & Ex-Officio Member

BOARD OF GOVERNORS (2015-16)

Vasavi College of Engineering

S No.	Name	Designation
1	Prof. Mohd. Suleman Siddiqi, Former Vice Chancellor, O.U	Chairman
2	Sri P Ramamohan Rao, President, VAE	Member
3	Prof. T.V. Subba Rao, Vice President, VAE	Member
4	Sri M Krishnamurthy, Secretary, VAE	Member
5	Sri P Balaji, Member VAE	Member
6	Sri P.V. Ratnam, Treasurer, VAE	Member
7	Sri Bommidala Srikrishna Murthy, Industrialist	Member
8	Prof. M.R. Madhav, Emeritus Professor, JNTU, Hyd	Member
9	Sri U.V.S.N. Murthy, O/o. CTE, Govt. of Telengana	Govt. Nominee
10	Prof. A. Venugopal Reddy, Dean Faculty of Engg., OU	University Nominee
11	S.R.O., AICTE, Hyderabad	AICTE Nominee
12	Dr. G.V. Ramana Murty, HoD-Mech., VCE	Member
13	Dr. T. Adilakshmi HoD, CSE, VCE	Member
14	Dr. K. Jaya Sankar, Principal & HoD-ECE, VCE	Member-Secretary

In addition, committees listed hereunder have been constituted by Vasavi College of Engineering for effective governance with a view to enhancing academic excellence while meeting the expectations of all the stakeholders including industry:

- Academic Council
- Board of Studies
- Academic Quality Assurance Committee
- Finance Committee
- Building Works Committee
- Purchase Committee
- Disciplinary Committee
- Institution Development Committee

- Students Affairs Committee
- Library Committee
- Grievance Redressal Committee
- Anti Sexual Harassment Committee
- Canteen Committee
- Anti-Ragging Committee
- Co-Curricular Activities Committee
- Ethics and Values Committee
- Alumni Committee
- Industry-Institute Interaction Committee
- Peer Learning Groups Committee
- R & D and Consultancy Cell
- Professional Bodies Committee
- Career Guidance Cell

Periodicity of the meetings:

The Board of Governors met during the year as per the details furnished below;

Date of meeting	Total No. of members	No. of members present	% attendance
25.06.2015	14	11	78
28.07.2015	14	12	85
30.03.2015	14	12	85
17.11.2014	14	10	71
05.07.2014	14	08	57
07.04.2014	14	10	71

All the remaining committees except Academic Council have met at least once in the academic year or need-based and deliberated upon the relevant activities. As far as the Academic Council is concerned, the Council met once in a month (mostly 1st Saturday) and also as and when required.

Annexure – A

LIST OF PUBLICATIONS/PRESENTATIONS IN CONFERENCES (2015-16)

S No.	Name of the Staff Member, Designation & Dept.	Title of the paper presentation made, Expert/Eminent person attended if any	Date of Issue, Volume, pp & year of publication
Department of Mechanical Engineering:			
1	P.V.S. Subhashini	Energy expended in robotic deburring of circular components using a SCARA Robot	IMECE-2015 ASME, George R. Brown Convention Center, Houston, Texas, U.S.A. 13-19 Nov-2015
2	Mr. P. Venkateswara Rao Dr. G.V. Ramana Murty Dr. G. Venkata Rao Students: (2015 out going) P. Naga Vamshi, Badisa Sivaram	CFD analysis of effect of diffuser vane setting angle and shape on the performance of centrifugal compressor stage.	2-day Internatioanl Conference – ASME GT India, 2015 organized at international convention center, Novotal & HICC complex, Hyderabad. 2 nd & 3 rd Dec-15
3	Mrs. P.V.S. Subhashini Prof. N.V.S. Raju Dr. G. Venkata Rao	Parametric Optimization of Link Lengths of a SCARA Robot for Deburring of Circular Paths	28 th International Conference on CAD/CAM, Robotics and Factories of the Future 2016 (CARS & FOF 2016) on 6 th to 8 th January, 2016 at College of Engineering & Management, Kolaghat.
4	Dr. T. Ramamohan Rao S. Kirthana	Developing a GUI for optimization of accoustic enclosure of a compressor chamber	28 th International Conference on CAD/CAM, Robotics and Factories of the Future 2016 (CARS & FOF 2016) on 6 th to 8 th January, 2016 at College of Engineering & Management, Kolaghat.
5	Mr. J. Anjaneyulu Dr. G. Krishna Mohan Rao Dr. G. Venkata Rao	Stress analysis of a circuit breaker switch gear mechanism by using multi body dynamics	28 th International Conference on CAD/CAM, Robotics and Factories of the Future 2016 (CARS & FOF 2016) on 6 th to 8 th January, 2016 at College of Engineering & Management, Kolaghat.
6	Mr. V.B.S. Rajendra Prasad Dr. G. Venkata Rao Ms. Mounika Naidu, PG student	On the hyper-elastic behaviour and characterisation of SB rubber	International Conference on Technological Innovations in Mechanical Engineering (TIME-2016) organized by Dept. of Mechanical Engineering & Prod. Engg., CBIT, Hyderabad and IRD India during 10 th – 11 th February 2016 Received Best Paper Award
7	V.B.S. Rajendra Prasad Dr. G.Venkata Rao	Dynamic Hyper Elastic Behavior of Compression Shock Loaded Vibration Dampers	Society for Experimental Mechanics 13 th International Congress & Exposition on Experimental and Applied Mechanics Conference on Dynamics Behavior of Materials 6-9 July, 2016 Hilton Orlando Lake Buena Vista @ Walt Disney World Resort, Orlando, Florida, USA
8	Mrs. P.V.S. Subhashini Ms. K. Chinmayi, PG Student Dr. G. Venkata Rao Dr. N.V.S. Raju	Kinematic analysis of SCARA Robot for deburring of rectangular paths	National Conference on Recent Trends in Mechanical Engineering (NCRTME-2016) organized by Dept. of Mechanical Engineering JNTU Hyderabad under TEQIP-II during 28-29 April, 2016 Won BEST PAPER AWARD
Electrical & Electronics Engg.			
9	G.Pranava (Assistant. Prof)	Reconfiguration of radial distribution net work using Telegen Theorem.	IJRSI Volume 111, issue VIII, , ISSN 2321-2705
10	K.Ravi Kumar (Associate Professor)	Analysis of Independent two induction motors drive fed by a fourleg inverter	International journal of advanced technology and innovative research (IJATIR-2015) SG: IJAT1RV071S09P956-2
11	N.Uday Kumar (Assistant. Prof)	A comparative study of Harmonic Reduction in cascaded H-Bridge Multilevel Inverter.	National Conference on Recent Advances in Electrical Power Engineering and systems by EEE Dept. SNIST under TEQIP-II.
12	Ch.V.S.S Sailaja,	Determination of optimal distributed generation size for losses, protection Coordination and reliability evaluation on using ETAP	IEEE Biennial International conference on Power and Energy systems: towards sustainable energy – 2016
13	Ch.V.S.S Sailaja Dr. PVN Prasad	Effect of Automation Intensity levels on Distribution system Reliability	International manager's journal on electrical engineering ISSN Print: 2229-7286 ISSN Online: 2249-0760

S No.	Name of the Staff Member, Designation & Dept.	Title of the paper presentation made, Expert/Eminent person attended if any	Date of Issue, Volume, pp & year of publication
14	P.V. Rama Krishna, Dr Sukhdeo Sao	An improved TLBO algorithm to solve profit based unit commitment problem under deregulated environment	Global Colloquium in Recent Advancement and Effectual Researches in Engineering, Science and Technology (RAEREST 2016)
15	Shaik Rafi, Ch.V.S.S Sailaja.	Identification of Low Frequency Oscillations by using Prony Analysis	Proceedings of 2nd International conference on Innovations in Electrical & Electronics Engineering ICIEEE-2015
16	P. Pradeep Kumar, Ch.V.S.S Sailaja. Pinjari Vineesh Basha	Test Automation Frame Work for RTU	IJERGS Vol 3, Issue 1, ISSN 2091-2730
17	Dr Sukhdeo sao, K Prasada Rao, D.Anil kumar	Single phase seven level Inverter with less number of components for grid connection	IJITE VOL.04 ISSUE-07, ISSN:2321-1776
Department of Civil Engineering:			
18	B.L.P.Swami Shiva Linga Rao V.B. Desai C. Mohan Lal	Strength Properties of Fibrous Light Weight Concrete With Pumice Aggregates and Steel Fibre	The Master Builder Accepted, March, 2015
19	Bodige Narendra and R. Pradeep Kumar	Assessment of capacity of existing building through nonlinear static pushover analysis : A comparison between micro and macro modeling	Published ICJ, March, 2016, Vol, 90, Issue 4, pp. 33-42
20	M. Bhasker BLP Swami P.Sreenivasa Rao	Study of Compressive Strength and Flexural Strength Characteristics of Triple Blended High Strength Fibrous Cement Concrete.	4 th Asian Conference on Ecstasy in Concrete ICI-ACECON 2015 Indian Concrete Institute. Advancements in structural Concrete 08 th – 10 th October 2015
21	Urooj Masood BLP Swami A.K. Asthana	Flexural Strength and Ductility Characteristics of Mixed Fiber Reinforced Concrete Specimens.	4 th Asian Conference on Ecstasy in Concrete ICI-ACECON 2015 Indian Concrete Institute. Advancements in structural Concrete 08 th – 10 th October 2015
22	N. Sivalinga Rao V.Bhaskar Desai BLP Swami	Experimental Studies on Light Weight Aggregate (Pumice Stone) Concrete.	International Conference on Innovations in Structural Engineering (IC- ISE – 2015) Conducted by Department of Civil Engineering, Osmania University Hyd 500 007, T.S., India. Pg no: (1135 – 1145) 14 th – 16 th December 2015
23	S. Vijaya Kumar BLP Swami	Strength and Elastic Properties of Fibrous Self Compacting Concrete	International Conference on Innovations in Structural Engineering (IC- ISE- 2015) Conducted by Department of Civil Engineering Pg no: (1304- 1314) 14 th – 16 th December 2015
24	Urooj Masood BLP Swami A.K. Asthana	Study on Elastic Property of Mixed Fibre Reinforced Concrete	International Conference on Innovations in Structural Engineering (IC- ISE- 2015) Conducted by Department of Civil Engineering Pg no: (1355- 1370) 14 th – 16 th December 2015
25	Ramya Sree Arunika Chandra M. Bhasker BLP Swami	Study of Compressive and Flexural Strength of Fibrous Triple Blended High Strength Concrete with Fly and Condensed Silica Fume	International Conference on Innovations in Structural Engineering (IC- ISE - 2015) Conducted by Department of Civil Engineering , PP (1538- 1543) 14 th – 16 th December 2015
26	S. Vijaya Kumar Dean Kumar BLP Swami	Study on Mixed Fibrous Reinforced Self Compacting Concrete with Mineral Admixtures	International Conference on Innovations in Structural Engineering (IC- ISE- 2015) Conducted by Department of Civil Engineering PP (- 1544- 1548) 14 th – 16 th December 2015

S No.	Name of the Staff Member, Designation & Dept.	Title of the paper presentation made, Expert/Eminent person attended if any	Date of Issue, Volume, pp & year of publication
27	Ramya Sree Divya Vani Urooj Masood BLP Swami	Use of Dual Fibres for improved strength and ductility characteristics of fiber reinforced concrete (FRC)	3 rd International Conference on Recent Innovations in science Engineering and Management. (ICRISEM-16) , 27 th Feb 2016
28	P. Ramya Sree Divya Vani Urooj Masood BLP Swami	Mixed fiber reinforced Concrete with and Without Microsilica Study of Strength Properties	International Conference on Emerging trends in Engineering and management research.23 rd March 2016
29	Rafi L. Muhanna Robert Mullen M. V. Rama Rao	Nonlinear FEA of Frames under Interval Material And Load Uncertainty	ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part B: Mechanical Engineering, 2015;1(4):041003-041003-8. doi:10.1115/1.4030609
30	Urooj Masood B.L.P.Swami A.K.Astana	Study on Elastic Property of Mixed fiber Reinforced Concrete.	International Journal of Research in Engineering and Technology(IJRET). Volume: 04 Special Issue: 13, Dec- 2015
31	P. Ramyasree B.Divya Vani Urooj Masood B.L.P.Swami	Use of Dual Fibers for Improved Strength and Ductility Characteristics of Fiber Reinforced Concrete (FRC)	International Journal of Advanced Technology in Engineering and Science (IJATES) Vol. 04, Issue no: 01, February 2016
32	S.Vijaya Kumar B.Dean Kumar B.L.P.Swami	Effect of Mixed Fibers (Steel and Polypropylene) On Strength Properties of Fibrous Self Compacting Concrete.	International Research Journal of Engineering and Technology(IRJET) Volume: 03, Issue: 02, February 2016
33	S.Vijaya Kumar B.Dean Kumar B.L.P.Swami	Study on the Structural Properties of Mixed Fibrous Reinforced Self Compacting Concrete with Mineral Admixtures	International Journal of Latest Research in Engineering and Technology (IJLRET), ISSN: 2454-5031, Vol-2, Issue-5, May 2016, PP: 21-27
34	B.L.P. Swami P. Ramayasree Arunika Chandra M. Bhasker	Study of Compressive and Flexural Strength of Fibrous Triple Blended High Strength Concrete with Fly Ash and Condensed Silica Fume	Research Invent: International Journal of Engineering and Science. (IJES) Vol. 06, (April 2016) Page 24 – 57, Issues (e): 2278-4721, Issn (p): 2319-6483
35	B.L.P.Swami P. Ramyasree B. Divya Vani Urooj Masood	Mixed Fibre Reinforced Concrete with and Without Micro silica – Study of Strength Properties.	International Journal of Advance Research in Science and Engineering (IJARSE) Volume no: 05, Issue no: 02 March 2016
36	Shiva Teja B. Divya Vani P. Ramyasree B.L.P.Swami	Flexural Behavior of Mixed Fibre (Steel and Glass) Reinforced Concrete Beams (Proto Type)	International Journal of Advance Research in Science and Engineering (IJARSE). Vol. No: 05, Issue No 01, May, 2016
37	M.V.Rama Rao Robert Mullen Rafi.L. Muhanna	Geometric misfit ting in trusses and frames: an interval-based approach	International Journal of Reliability and safety Volume-9, No. 2/3, 2015 , Inder science Publishers UK
Department of Information Technology:			
38	Dr.T.Satya Savithri, S.K.Chaya Devi	POTENTIAL NODULE DETECTION FROM POSTERIOR AND ANTERIOR CHEST RADIO GRAPH USING RESTRICTED BOLTZMANN MACHINE AND SVM CLASSIFIER	INTERNATIONAL JOURNAL OF PROGRESSES IN ENGINEERING, MANAGEMENT, SCIENCE AND HUMANITIES ISSN (PRINT): 2395-7786, (ONLINE):2395-7794, VOLUME-1, ISSUE-2, 2015 pp12-19
39	R. Bhawana, Om Prakash Vyas	Research article on 'Investigation of security issues for service-oriented network architecture' published in	Indian Institute of Information Technology, Allahabad, India published in SECURITY AND COMMUNICATION NETWORKS Security Comm. Networks (2015) Published online in Wiley Online Library (wileyonlinelibrary.com). DOI: 10.1002/sec.1397
40	K. Shyam Sunder Reddy	Data Integrity Proof Techniques in Cloud Computing: A Survey	International Journal of Information Technology and Computer Sciences Perspectives Vol. 4, No. 4, Oct.-Dec.2015, ISSN (P) : 2319-9016, ISSN (O): 2319-9024
41	Bhawana Rudra, O P Vyas	Exploration of Access Control Mechanisms for Service Oriented Network Architecture	International Journal Internet Protocol Technology, Vol 9, No.1, December, 2015
42	Parvathi Muddapu1 , Satya Prasad K Vasantha N	Testing of Embedded SRAMs using Parasitic Extraction Method	9 th International Conference on Robotics, Vision, Signal Processing & Power Application during 2-3 February, 2016 at Parkroyal, Panang Resort, Malasia (RoViSP2016, 069, v3 (final): 'Testing of Embe...' pp387-398)

S No.	Name of the Staff Member, Designation & Dept.	Title of the paper presentation made, Expert/Eminent person attended if any	Date of Issue, Volume, pp & year of publication
Computer Science & Engg.			
43	Dr. T. Adilakshmi M.Sunitha Reddy	Recommender Systems to Address New User Cold-Start Problem with User Side Information	IOSR Journal of Computer Engineering (IOSR-JCE)
44	Dr. T. Adilakshmi M.Sunitha Reddy	Session Aware Music Recommendation System with Matrix Factorization technique-SVD	International Journal of Computer Trends and Technology (IJCTT)
45	G.Loshma Dr.Nagaratna Hegde	A Novel Document Clustering Algorithm by Fusing Bisecting k-means and UPGMA	International Journal of Applied Engineering Research
46	K.Jairam Naik	A Novel Approach for Job Scheduling and Load Balancing in Grid Computing Environment	Annals. Computer Science Series Journal
47	T.Nishitha PN. Ramya	Comparison of AODV protocol with and without Black Hole Attack using NS-2	International Journal of Computing
48	T.Jalaja M.Shailaja	A Comparative Study on Operational Database, Data Warehouse and Hadoop File System	International Journal of Engineering and Techniques (IJET)
49	Dr. G.Venkat Rami Reddy B.Syamala	Data detection and Distribution in WSNS by using DIDRIP Technique	International Journal of Research in Advanced Engineering Technologies
50	R.Sateesh Kumar I.Navakanth	Digital Image Encryption Based on the RC5 Block Cipher Algorithm	International Journal of Scientific Engineering and Applied Science (IJSEAS)
51	V.Sireesha	Performance Evaluation of AODV, DSR and OLSR Routing protocols in MANETS using Random deployment model	International Journal of Recent Trends in Engineering & Research
52	Pushalatha S.Nikkam Dr Nagaratna P Hegde Dr. B. Eswar Reddy	A Content based image retrieval system using shape analysis	International Conference on Applied & Theoretical computing & Communication Technology (ICATCCT)
53	K. Jairam Naik	An enhanced mechanism for balanced job scheduling based on deadline control in computational grid	2nd International Conference on Emerging Trends in Electrical, Communication and Information Technologies 2015 (ICECIT 2015)
54	K. Jairam Naik	A motive-based heuristic balanced job scheduling algorithm for computational grids	CSI-2015 50th Golden Jubilee Annual Convention on Digital Life
55	K. Jairam Naik	A novel algorithm for fault tolerant job Scheduling and load balancing in grid computing environment	International Conference on Green Computing and Internet of Things (ICGCIoT 2015)
Electronics & Communication Engineering:			
56	Praneetha R, Raju VVSRN, E. Sreenivasa Rao, AK. Singh	Simulation and Verification of digital delay based instantaneous frequency measurement Technique for electronic Warfare Receivers	International Journal of recent advances in Engineering & Tech (IJRAET)
57	E.V. Naga Lakshmi, N.S.S.Reddy	A New design of reversible full subtractor	International Journal of Multidisciplinary educational research
58	Sudhakar Alluri, B. Rajendra Naik, N.S.S.Reddy	Mapping of 4-Bit array Multiplier using cadence tool for low power high speed	International Journal of VLSI System Design and Communication systems
59	Praneetha R, Raju VVSRN, E. Sreenivasa Rao, AK. Singh	Simulation and Verification of digital delay based instantaneous frequency measurement Technique for electronic Warfare Receivers	International Conference on signal Processing, communications & system Design (ICSPCOMSD-2015)
60	Dr. K. Jaya Sankar, M. Satyam, P.A. Govindacharyulu, E. Sreenivasa Rao	An Engineering Curriculum to meet the challenges of the present decade	3 rd International Conference on Transformations in Engineering Education (ICTIEE 2016)
61	Sudhakar Alluri, B. Rajendra Naik, N.S.S.Reddy	High Performance one bit full adder logic cell	IEEE sponsored 3 rd international Conference on Electronics and Communication Systems (ICECS 2016)

S No.	Name of the Staff Member, Designation & Dept.	Title of the paper presentation made, Expert/Eminent person attended if any	Date of Issue, Volume, pp & year of publication
62	Sudhakar Alluri, B. Rajendra Naik, N.S.S.Reddy	Design and Estimation of Low Power and Area for 4 bit carry save adder using cadence	IEEE sponsored 2 nd international Conference on Innovations in information Embedded and Communication Systems (ICIIECS 2016)
63	Sudhakar Alluri, B. Rajendra Naik, N.S.S.Reddy	Mapping of five input wallance tree using cadence tool for low power jow area and high speed	IEEE sponsored 5 th international Conference on communication and signal processing (ICCSP 2016) IEEE advanced technology for humanity
64	Sudhakar Alluri, B. Rajendra Naik, N.S.S.Reddy	Design of low power high speed full adder cell with XOR/XNOR logic gates	IEEE sponsored 5 th international Conference on communication and signal processing (ICCSP 2016) IEEE advanced technology for humanity

Annexure – B**BEST ACADEMIC PERFORMANCE AWARDS (2015-16)****B.E 2/4 – I Semester students (CGPA secured only in I-Year)**

Sl. No.	HT.No.	NAME OF THE STUDENT (Mr./Ms.)	BRANCH	CGPA	RANK
1.	1602-14-732-002	T. Abhishek	Civil	9.26	I
2.	1602-14-7320036	B. Rohith	Civil	9.15	II
3.	1602-14-732-011	K.B. Naga Sai Krishna Gupta	Civil	9.08	III
4.	1602-14-733-005	P. Amulya	CSE-A	9.73	I
5.	1602-14-733-031	V. Radha Ramani	CSE-A	9.70	II
6.	1602-14-733-010	K. Bhuvana Sri	CSE-A	9.55	III
7.	1602-14-7330984	L. Neharica	CSE-B	9.75	I
8.	1602-14-733-092	R. Chowdary	CSE-B	9.36	II
9.	1602-14-733-069	D. Divya	CSE-B	9.30	III
10.	1602-14-734-017	S. Jyothirmai	EEE	9.23	I
11.	1602-14-734-041	D. Sai Prathyusha	EEE	9.21	II
12.	1602-14-734-046	P. Satya Prathyusha	EEE	9.18	III
13.	1602-14-735-021	P. Malvavika	ECE-A	9.56	I
14.	1602-14-735-042	P. Saimanasa	ECE-A	9.48	II
15.	1602-14-735-045	g. Santosh Kumar	ECE-A	9.46	III
16.	1602-14-735-081	Mohd. Ismail Khan	ECE-B	9.59	I
17.	1602-14-735-083	P. Naga Sai Kusuma	ECE-B	9.49	II
18.	1602-14-735-089	K. Nitish Kumar	ECE-B	9.29	III
19.	1602-14-736-020	Y. Manoj Kumar	Mech-A	9.41	I
20.	1602-14-736-037	R. Sai Goutham	Mech-A	9.28	II
21.	1602-14-736-011	Dheeraj Kumar Jha	Mech.A	9.18	III
22.	1602-14-736-113	C. Vaishnavi	Mech-B	9.48	I
23.	1602-14-736-067	A.Bhanu Prakash	Mech-B	9.25	II
24.	1602-14-736-068	T. Bhanu Prasad	Mech-B	8.78	III
25.	1602-14-737-017	M. Nikhil	IT-A	9.53	I
26.	1602-14-737-020	V. Prasagnya	IT-A	9.48	II
27.	1602-14-737-041	L. Santosh Kumar	IT-A	9.26	III
28.	1602-14-737-083	Mani Sai Tejaswy. V	IT-B	9.38	I
29.	1602-14-737-103	A.sai Bhargavi	IT-B	9.34	II
30.	1602-14-737-110	K. Sree Teja	IT-B	9.29	III
31.	1602-14-737-087	K. Surishetty	IT-B	9.29	III

B.E 3/4 – I Semester students (Marks secured only in II YEAR - I & II Semesters)

SL. NO.	HT.No.	NAME OF THE STUDENT (Mr./Ms.)	BRANCH	MARKS SECURED	RANK
1.	1602-13-733-050	P. Srinika	CSE-A	1353	I
2.	1602-13-733-003	K. Anusha	CSE-A	1323	II
3.	1602-13-733-057	V. Samhitha	CSE-A	1321	III
4.	1602-13-733-076	V. Keerthi	CSE-B	1405	I
5.	1602-13-733-117	Ch. Venkata Naresh	CSE-B	1320	II
6.	1602-13-733-063	P. Akshay Kumar	CSE-B	1301	III
7.	1602-13-735-007	P. Arpita	ECE-A	1442	I
8.	1602-13-735-022	P. Naimisha	ECE-A	1416	II
9.	1602-13-735-054	G. Sumabala	ECE-A	1415	III
10.	1602-13-735-092	K.R.R. Sai Lakshmi	ECE-B	1358	I
11.	1602-13-735-080	Y. Pujitha	ECE-B	1305	II
12.	1602-13-735-071	Mahati Sista	ECE-B	1294	III
13.	1602-13-734-040	M. Sharath Reddy	EEE	1356	I
14.	1602-13-734-024	Mohan Mano Hassan	EEE	1305	II
15.	1602-13-734-039	B. sewak Reddy	EEE	1284	III
16.	1602-13-736-020	A.Mahidhar Reddy	Mech-A	1390	I
17.	1602-13-736-010	P. Dilip Reddy	Mech-A	1365	II
18.	1602-13-736-056	D. Vaishnavi	Mech-A	1349	III
19.	1602-13-736-061	KVSP Abhilash Reddy	Mech-B	1410	I
20.	1602-13-736-103	C. Sai Ram	Mech-B	1360	II
21.	1602-13-736-104	A.Sai Soumya	Mech-B	1332	III
22.	1602-13-732-047	K. Sushma	Civil	1388	I
23.	1602-13-732-039	P. Sateeshkrishna	Civil	1385	II
24.	1602-13-732-041	Kasa Snehitha	Civil	1371	III
25.	1602-13-737-029	Nithya Sri Nalavelli	IT-A	1388	I
26.	1602-13-737-058	Mihira Vanta	IT-A	1354	II
27.	1602-13-737-050	P. Sri Ramya	IT-A	1353	III
28.	1602-13-737-113	K. Thanuja	IT-B	1401	I
29.	1602-13-737-097	T. Sachin Deep	IT-B	1399	II
30.	1602-13-737-094	B. Ravali	IT-B	1386	III

B.E 4/4 – I Semester students (Marks secured only in III YEAR - I & II Semesters)

Sl. No.	HT.No.	Name of the Student	Branch	Marks Secured	Rank
1.	1602-12-733-022	B.Namrata Yadav	CSE-A	1398	I
2.	1602-12-733-011	M. Gouthami	CSE-A	1397	II
3.	1602-12-733-054	B.Sowmya	CSE-A	1374	III
4.	1602-12-733-113	G. Vasudev	CSE-B	1327	I
5.	1602-12-733-080	Ch. Likhitha	CSE-B	1310	II
6.	1602-12-733-106	K. Shravya	CSE-B	1309	III

7.	1602-12-735-033	V. Pruthivi	ECE-A	1346	I
8.	1602-12-735-041	N. Rohith	ECE-A	1338	II
9.	1602-12-735-036	K. Rajani	ECE-A	1314	III
10.	1602-12-735-066	A.Bhargav	ECE-B	1305	I
11.	1602-12-735-117	T.Vamani Anusha	ECE-B	1294	II
12.	1602-12-735-107	B.Snehitha	ECE-B	1292	III
13.	1602-12-734-009	K. Durga Sri Sai	EEE	1361	I
14.	1602-12-734-012	S.D. Gopi Krishna Prasad	EEE	1321	II
15.	1602-12-734-002	K. Anusha	EEE	1293	III
16.	1602-12-736-019	M. Mithilesh Kumar	Mech-A	1318	I
17.	1602-12-736-042	M. Santoshi Mounica	Mech-A	1253	II
18.	1602-12-736-005	K. Akhil	Mech-A	1245	III
19.	1602-12-736-102	G. Sai Varun	Mech-B	1342	I
20.	1602-12-736-062	B.Ajay Kumar	Mech-B	1312	II
21.	1602-12-736-066	Ch. Bhavya Sree	Mech-B	1304	III
22.	1602-12-732-049	D. Sravya	Civil	1336	I
23.	1602-12-732-039	J. Sandeep Reddy	Civil	1298	II
24.	1602-12-732-035	V. Sai Anoop Aditya	Civil	1273	III
25.	1602-12-737-018	K. Mounika	IT-A	1395	I
26.	1602-12-737-022	V. Nagasahithi	IT-A	1391	II
27.	1602-12-737-029	P. Prashamsha	IT-A	1381	III
28.	1602-12-737-064	A.Vyas	IT-B	1385	I
29.	1602-12-737-087	K. Prasanth	IT-B	1343	II
30.	1602-12-737-103	Khravya Kusuma	IT-B	1336	III

MCA 2/3 – I Semester students (Marks secured only in I YEAR - I & II Semesters)

Sl. No.	HT.No.	Name of the Student	Branch	CGPA	Rank
1	1602-14-862-026	D. Suman	MCA	8.51	I
2	1602-14-862-027	A. Suresh	MCA	8.12	II
3	1602-14-862-029	Tanveer Irfana	MCA	7.87	III

MCA 3/3 – I Semester students (Marks secured only in II YEAR - I & II Semesters)

Sl. No.	HT.No.	Name of the Student	Branch	Marks secured	Rank
1	1602-13-862-014	S. Kumara Swamy	MCA	991	I
2	1602-13-862-005	C.Deepthi	MCA	959	II
3	1602-13-862-039	K. Srilakshmi	MCA	941	III

**ME (MECH.) – ADVANCED DESIGN & MANUFACTURING- III Semester students
(Marks secured only in I Semester & II Semesters)**

Sl. No.	HT.No.	Name of the Student	CGPA	Rank
1	1602-14-745-006	Mohd. Nizamuddin Ahmed	9.32	I
2	1602-14-745-015	B.Venkat Reddy	9.12	II
3	1602-14-745-002	G.Chandu	9.05	III

**ME (ECE.)– EMBEDDED SYSTEMS & VLSI DESIGN -III Semester students
(Marks secured only in I Semester & II Semesters)**

Sl. No.	HT.No.	Name of the Student	CGPA	Rank
1	1602-14-744-001	a.Ellandula	8.45	I
2	1602-14-744-016	B.Sravanthi	8.31	II
3	1602-14-744-009	M.Prathyusha	8.25	III

**ME (ECE.)– Communication Engineering & Signal Processing -III Semester students
(Marks secured only in I Semester & II Semesters)**

Sl. No.	HT.No.	Name of the Student	CGPA	Rank
1	1602-14-744-113	N.Sathyasri	9.5	I
2	1602-14-744-102	B. Gyaneshwar	9.21	II
3	1602-14-744-114	P.Srinivas	9.19	III

**M.Tech (CSE.)– COMPUTER SCIENCE ENGINEERING -III Semester students
(Marks secured only in I Semester & II Semesters)**

Sl. No.	HT.No.	Name of the Student	CGPA	Rank
1	1602-14-742-001	B.Geetha Reddy	9.06	I
2	1602-14-742-015	D.Vanitha	9.15	II
3	1602-14-742-010	Ch. Siva Tejeswani	9.08	III

**M.E (EEE)– POWER SYSTEMS AND POWER ELECTRONICS ENGG -III Semester students
(Marks secured only in I Semester & II Semesters)**

Sl. No.	HT.No.	Name of the Student	CGPA	Rank
1	1602-14-766-013	B.Ramakrishna	9.65	I
2	1602-14-766-015	M. Raviteja	9.15	II
3	1602-14-766-011	B.Neelima Devi	9.15	III

BEST PROJECT AWARDS (2015-16)

S.No	HTNO	Student Name	Branch	I & II BEST	Amount Rs.
1	1602-10-732-011	DHANYA SHREE BUDITHI	Civil	First Best	1666.67
2	1602-10-732-018	KARTHIK CHOWDARY PAKALAPATI	Civil	First Best	1666.67
3	1602-10-732-054	VEERAJ KUTTIPARAMBIL	Civil	First Best	1666.67
4	1602-10-733-010	HESHMA DEGA	CSE	First Best	2500.00
5	1602-10-733-030	PRATYUSHA SIMHARAJU	CSE	First Best	2500.00
6	1602-10-734-008	ANVESH KUMAR PERUGU	EEE	First Best	1250.00
7	1602-10-734-023	PRAMODH KUMAR CHINNPADA	EEE	First Best	1250.00
8	1602-10-734-032	RUTHWICK REDDY SANTOSHAM	EEE	First Best	1250.00
9	1602-10-734-036	SANDEEP REDDY BALAMREDDY	EEE	First Best	1250.00
10	1602-10-735-110	TANZEEM SARAH NAAZ	ECE	First Best	2500.00
11	1602-10-735-068	D ARCHANA	ECE	First Best	2500.00
12	1602-10-736-055	TEJESWAR MUDDALURU	Mech.	First Best	1666.67
13	1602-10-736-058	VIJAY SAI CHAMARTHI	Mech.	First Best	1666.67
14	1602-10-736-060	SHASHANK SHARMA	Mech.	First Best	1666.67
15	1602-10-737-010	DIVYA PALEPU	IT	First Best	1666.67
16	1602-10-737-027	SADIA MULLA	IT	First Best	1666.67
17	1602-10-737-032	RAGHASRI BYREDDI	IT	First Best	1666.67
18	1602-10-732-303	MALAVATH RAJASHEKAR	Civil	Second Best	600.00
19	1602-10-732-305	BEJJANKI SHRAVANI	Civil	Second Best	600.00
20	1602-10-732-308	ASAMWAR SHAMALA	Civil	Second Best	600.00
21	1602-10-732-309	MAMINDLA NAVEEN KUMAR	Civil	Second Best	600.00
22	1602-10-732-311	KALLEPALLI SATHISH KUMAR	Civil	Second Best	600.00
23	1602-10-733-092	LALIT PRASHANTH	CSE	Second Best	1500.00
24	1602-10-733-317	BOJJAM SURESH	CSE	Second Best	1500.00
25	1602-10-734-010	BHAVANI KETHAVARAPU	EEE	Second Best	1000.00
26	1602-10-734-022	NIRUPANA NAREGUDAM	EEE	Second Best	1000.00
27	1602-10-734-044	SNEHITHA GUTTİKONDA	EEE	Second Best	1000.00
28	1602-10-736-013	KARTHIK REDDY SHANIGARAM	Mech.	Second Best	1000.00
29	1602-10-736-305	G SAI BABA CHARI	Mech.	Second Best	1000.00
30	1602-10-736-309	ANNEPARTHI SHANKAR	Mech.	Second Best	1000.00
31	1602-10-737-023	MANOJ KUMAR CHENNAREDDY	IT	Second Best	3000.00
				TOTAL AMOUNT RS.	45000.00

BEST ATTENDANCE AWARDS (2015-16)

BE 1/4 Course				
S. No	HTNO	Student Name	Branch/ Sec.	Att. %
1	1602-14-733-084	L.Neharica	CSE	99
2	1602-14-733-095	C.Sai Teja	CSE	99
3	1602-14-735-045	G. Santosh Kumar	ECE	99
4	1602-14-734-004	P. Aravinda	EEE	99
5	1602-14-734-017	S.Jyothirmai	EEE	99
6	1602-14-734-041	d. Prathyusha	EEE	99
7	1602-14-735-043	Saleha	ECE	98
8	1602-14-735-069	K. Divya	ECE	98
9	1602-14-735-089	K. Nitish Kumar	ECE	98
10	1602-14-735-102	M. Sai Sahaja	ECE	98
11	1602-14-735-107	P. Sashidhar	ECE	98
12	1602-14-734-011	G. Govardhan	EEE	98
13	1602-14-734-027	S. Mohan Gupta	EEE	98
14	1602-14-734-051	T. Sriharsha	EEE	98
15	1602-14-737-116	T. Tejaswi	IT	98
BE 2/4 Course				
16	1602-13-737-002	P. Adithya	IT	99
17	1602-13-734-032	V. rashmitha	EEE	98
18	1602-13-734-019	K. Jayashree	EEE	98
19	1602-13-734-024	Mohan Mano Hassan	EEE	98
BE 4/4 Course				
20	1602-11-733-116	G. Varsha	CSE	100
21	1602-11-734-018	K. Kiranmayi	EEE	98

<u>SUMMARY</u>	
First Best (100%)	1 Student
Second Best (99%)	7 Students
Third Best (98%)	13 Students
	11 Students

GOLD MEDALS (2015-16)

SL No	Name of the Gold Medal	Conditions of the Award	Recipient Name & Marks	
1	Sri.Pendekanti Venkatasubbaiah Memorial Gold Medal for the best student.	Best student amongst of all branches passing out in 2015, who got highest marks in the University Exams.	Mr. B. Aditya 1602-11-735-002	<u>5018</u> 5350 =93.79 %
2	Smt.Kanakamma Venkatasubbaiah Gold Medal for Best girl Student.	Best girl student amongst all branches passing out in 2015, who got highest marks in the University Exams.	Ms. K. Sreeja 1602-11-737-050	<u>5038</u> 5450 =92.44 %
3	Dr.K.V.Subba Rao Gold Medal	Best student amongst all branches passing out in 2015, who got highest marks in the University Exams	Mr. B. Aditya 1602-11-735-002	<u>5018</u> 5350 =93.79 %
4	Prof. G.Lakshmi Narayana Gold Medal- Civil Engg.	For the student who got highest marks in the Univ. Examinations amongst the Civil Engg. Students.	Mr. S.V. Kondal Reddy 1602-11-732-063	<u>4919</u> 5575 =88.23 %
5	Sri. G.Narayana Chetty, IAS (Retd) Gold Medal.	For the student who got highest marks in the Univ. Examinations among the Mechanical Engg. Students.	Mr. P. Naga Vamsi 1602-11-736-031	<u>4978</u> 5450 =91.34%
6	Sri.K.R.Krishnaiah Chetty Memorial Gold Medal	For the student who got highest marks in the Univ. Exams amongst the ECE students.	Mr. B. Aditya 1602-11-735-002	<u>5018</u> 5350 =93.79 %
7	Sri.K.R.Gupta Memorial Gold Medal	For the student who got the highest marks in the Univ. exams amongst the CSE students.	Ms. S. Kavya 1602-11-733-013	<u>4848</u> 5375 =90.20 %
8	Dr.T.B.G.Tilak Memorial Gold Medal	For the student who got highest marks in the Univ. exams amongst the EEE students.	Ms. R. Krishnaveni 1602-11-734-019	<u>4690</u> 5400 =86.85 %
9	Sri.Sikakollu Subba Rao Memorial Gold Medal.	For the Best Student - who got highest marks in the Univ. exams amongst the I.T students.	Ms. K. Sreeja 1602-11-737-050	<u>5038</u> 5450 =92.44 %

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SL No	Name of the Gold Medal	Conditions of the Award	Recipient Name & Marks	
10	Sri. K.Rosalah Gold Medal	for the Best Student - who got highest marks in the Univ. exams amongst the MCA students	Mr. N. Mahesh 1602-12-862-015	<u>2459</u> 3350 =73.40%
Gold medals instituted by various organizations / individuals:				
11	Sri P.Dharma Reddy Gold Medal.	For the Best student amongst of all branches.	Mr. B. Aditya 1602-11-735-002	<u>5018</u> 5350 =93.79 %
12	Sri. A.R.Ravi Kiran Memorial Gold Medal.	For the student who got highest marks in the Univ. Examinations among the Mechanical Engg. Students.	Mr. P. Naga Vamsi 1602-11-736-031	<u>4978</u> 5450 =91.34%
13	"Sri.A.Venkata Ramana Memorial" Gold Medal	For the best student who got the highest marks amongst the M.E (ES&VLSID) students	Mr. Sai Sharma. G 1602-13-744-013	<u>1235</u> 1500 =82.33 %
14	"Smt. & Sri.Eskala Pedda Ratnaiah Memorial" Gold medal	For the best student who got the highest marks amongst the M.E (AD & M) students	Mr. Harsha Vikram Reddy.K 1602-13-745-003	<u>1219</u> 1500 =81.27 %
15	Prof.K.Venkataramaiah Memorial Gold Medal.	For the student who got highest marks in the Univ. Exams amongst the M.Tech - CSE students.	Ms. K. Prathyusha 1602-13-742-011	<u>1359</u> 1500 =90.60 %
16	Sri. D.Changal Raju Memorial Gold Medal.	For the student who got highest marks in the Univ. Examinations amongst the M.E (CE & SP) Students.	Ms. Srujana Ejjigiri 1602-13-744-113	<u>1340</u> 1500 =89.33%
17	Sri Mohammed Mujeebuddin Memorial Gold Medal	For the student who got the highest marks in the Univ. Examinations amongst the M.E (PS & PE) Students	Ms. Naga Swetha.S 1602-13-766-006	<u>1256</u> 1500 =83.73%

LIST OF COMPLETED AND ONGOING R & D PROJECTS

S No.	Name of the Project	Project/ Consultancy	Client	Date		Value/ Invoice (Rs.)
				From	To	
	R & D Projects					
1	Design of CCD based optical imaging Module for star tracker application	Project (CARS)	Director, RCI, Vignyanakancha, Hyderabad 500 059.	July 2012	Ongoing	950000.00
2	Development of Non-Uniformity Correction algorithm for CCD and Test set up for NUC.	Project (CARS)	Director, RCI, Vignyanakancha, Hyderabad 500 059.	Aug. 2013	Ongoing	965000.00
3	Design and Development of Optical and Opto-Mechanical System for Near IR Imaging Module	Project (CARS)	Director, RCI, Vignyanakancha, Hyderabad 500 059.	13 th Mar 2015	Ongoing	995000.00
4	Design of Surveillance Camera Optics and Illustration Systems.	Project	M/s. ByDesign India Pvt. Ltd. Bangalore 560100.	20 Mar. 2015	Ongoing	550000.00
5	Opto-Mechanical Housing Design for Cell counting Project	Consultancy	Bhat Bio-Tech India (p) Ltd., Bangalore, 560100.	Apr. 2015	Ongoing	100000.00
6	Analysis and Evaluation of Occurrence of Glitch Problem in Navigational Sensors	Project (CARS)	Director, RCI, Vignyanakancha, Hyderabad 500 059.	08 th Mar 2016	Ongoing	300000.00
					Total :	38,60,000
	Consultancy:					
1	Consultancy	Soil testing	Asst. Exe. Engineer	Apr, 2016		17,173
2	Consultancy	Concrete mix design	GVV Constructions Pvt. Ltd.	May, 2016		11,500
3	Consultancy	Testing of CC cubes	Sukriti Infra	June, 2016		1,035
4	Consultancy	Testing of CC cubes	Varadhi Constructions	Jul, 2016		690
5	Consultancy	Testing of CC cubes	Sukriti Infra	Jul, 2016		345
6	Consultancy	Concrete Mix design	Dy. Chief Engineer	Aug, 2016		5,750
7	Consultancy	Concrete Mix design	Dy. Chief Engineer	Aug, 2016		5,750
8	Consultancy	Soil Testing & Slope and stability analysis	Dy. Chief Engineer	Sept, 2016		34,500
9	Consultancy	Concrete Mix design	KS Madhu AXEN Constructions	Nov, 2016		17,250
10	Consultancy	Testing of 50mm machine	MVVS-SVB Infra Tech	Nov, 2016		3,450
11	Consultancy	Testing of 50mm machine	Teja Constructions	Nov, 2016		3,450
12	Consultancy	Testing of 50mm machine	TV Sambasiva Rao	Nov, 2016		3,450
13	Consultancy	Concrete Mix design	Teja Constructions	Dec, 2016		5,750
14	Consultancy	Concrete Mix design	SC Railway, Vikarabad	Dec, 2016		17,250
					Total	1,27,345
					Grand total	39,87,345
					=	40,00,000