

**ANNUAL REPORT
FOR THE
ACADEMIC YEAR 2018-19**



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



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.”

VASAVI COLLEGE OF ENGINEERING, HYDERABAD – 500 031

ANNUAL REPORT BY PRINCIPAL FOR THE ACADEMIC YEAR 2018-19

Revered President of today's function, Sri P. Ramamohan Rao, President, Vasavi Academy of Education, Prof. T.V. Subba Rao, Vice-President, VAE; Sri P.V. Ratnam, Secretary, VAE; Sri P. Balaji, Chief Executive Officer, Sri V.M. Parthasarathi, Treasurer, VAE, Members of the Governing Body of Vasavi Academy of Education and Managing Committee of Vasavi College of Engineering, distinguished invitees; members of print and electronic media, learned colleagues; respected parents and my dear students. A very good evening to all of you!

On behalf of Vasavi College of Engineering, I have great pleasure in extending a cordial welcome to all of you to the Annual Day Celebrations. I deem it a privilege to present annual report of the college for the academic year 2018-19.

Vasavi College of Engineering, established in 1981, is a self-financed institution, affiliated to Osmania University and offers the following courses:

4-Year Undergraduate Programmes in

- Civil Engineering
- Computer Science & Engineering
- Electrical & Electronics Engineering
- Electronics & Communication Engineering
- Information Technology

- Mechanical Engineering,

3-Year Postgraduate Programme in

- Masters in Computer Applications (MCA)

and 2-Year ME Programmes (full time 4 semesters) in

- Embedded Systems & VLSI Design (ECE)
- Advanced Design & Manufacturing (MECH)
- Communication Engineering & Signal Processing (ECE)
- Computer Science & Engineering (CSE)
- Power Systems & Power Electronics (EEE)

The six Undergraduate Engineering Programmes that are being offered by our College got accredited by the National Board of Accreditation (NBA) for three years i.e., upto 30.06.2020.

Apart from the above, two Postgraduate Programmes in Engineering i.e., M.E (ECE) – Embedded Systems & VLSI Design and M.E. (Mech.) – Advanced Design & Manufacturing and one MCA Programme were also accredited for two years upto 30.06.2019.

INFRASTRUCTURE:

Vasavi College of Engineering, in its constant pursuit of offering quality education, has created excellent infrastructural facilities with total expenditure of Rs.9.50 crores and a total built up area of 33,460 Sq. Meters. **The College proposes to construct Multi-Purpose Academic Complex with a built area of 91,718 Sq.Ft. at a cost of around Rs.19.0 Crores.**

There are around 1389 systems are networked through LAN. 1 GB (ACT Fiber – Broadband), 100 MBPS Lease line internet connectivity allows students and staff to access Internet from anywhere in the campus. Wi-fi internet connectivity has been provided in some common areas.

NPTEL Courses:

To reinforce the technical knowledge of the students, college has included National Project on Technology Enabled Learning (NPTEL) courses developed by IITs and IISc as part of regular timetable for our students.

LIBRARY:

The college has a spacious and well-stacked library with sufficient number of titles (12,846) and volumes (1,10,798) and with good reprographic facilities. Further, the college subscribes to print versions of 100 Print Journals; 18,325 e-Journals; 608 E-Books and 7,937 IEEE Conference Proceedings.

FACULTY:

The College has 164 highly qualified and experienced faculty members including 44 teachers with Ph.D qualification 120 with postgraduate qualifications. Presently 50 faculty members are pursuing Ph.D programme.

Faculty Achievements:

Around 86 research papers were published in reputed journals by our faculty during 2018-19. The College also encourages faculty to upgrade

their qualifications while in service by providing assistance in the form of academic leave, reduction in their class work etc.

Around 138 National Seminars/Conferences/Workshops/Guest lectures were conducted by all the departments during the current academic year.

More than 70% of faculty members were deputed to attend Seminars/Conferences/ Workshops/Guest Lectures conducted various reputed institutions.

- Ms. G. Pranava, Assistant Professor, Department of EEE, submitted her Ph.D thesis.
- Ms. K. Deepthi, Assistant Professor, Department of ECE, submitted her Ph.D thesis.
- Dr. T. Adi Lakshmi, HoD-CSE, received "Best HoD Award" from CSI, Mumbai Chapter.
- Dr. K. Ram Mohan Rao, HoD-IT, received "Half Yearly Best Performance Nodal Centre Award" from Virtual Labs, Hyderabad.
- Sri Jithender Reddy, Assistant Professor, Department of Computer Applications, received "Instructor Excellence Award" in recognition of his contributions to CISCO Networking Academy.

Ph.Ds:

- Ms. P. Sukanya, Assistant Professor of Chemistry awarded Ph.D degree
- Ms. V. Sirisha, Assistant Professor of CSE awarded Ph.D degree
- Mr. P. Venkateswara Rao, Assistant Professor of Mechanical Engineering awarded Ph.D degree.

Mr. Aditya Reddy, Assistant Physical Director, participated in International Workshop on "Physical Education & Sports Science-2018" organized Nizam College on 10.10.2018

RESEARCH PROJECTS:

SUMMARY

Total projects submitted	:	06
Value	:	Rs.218.00 lakhs
Funds received	:	Rs.118.00 lakhs
Shortlisted & funds expected	:	Rs.100.00 lakhs

Following are the details of the projects submitted by the faculty:

Our faculty have **submitted Research/other Proposals** to various Funding Agencies **to the tune of Rs.218.00 lakhs** out of which **an amount of Rs.118.00 lakhs has been sanctioned by the AICTE:**

- Dr. S.V. Ramana, Principal submitted a Research Proposal to DST-TIDE Scheme and grant of Rs.70.00 lakhs has been sanctioned.
- Dr. M.V. Rama Rao, Professor, Department of Civil Engineering submitted a proposal under DST-SERB CRG Scheme and grant of Rs.36.00 lakhs has been sanctioned.
- Dr. K. Ravi Kumar, Associate Professor, Department of Electrical & Electronics Engineering, has submitted STTP (Short-term Training Programme) & FDP (Faculty Development Programme) proposals to the AICTE and grant of Rs.12.00 lakhs has been sanctioned.

Following are the shortlisted projects (at a total of Rs.100.00 lakhs) by the funding agencies and funds are expected:

- Dr. K. Ram Mohan Rao, Professor and HoD, Department of Information Technology, has submitted a proposal under AICTE MODROBS Scheme and it was shortlisted and expecting a grant of Rs.20.00 lakhs.
- Dr. M. Chakravarthy, HoD-EEE, submitted a proposal worth Rs.25.00 lakhs to AICTE and it was shortlisted.
- Dr. P.M. Sarma, Professor, Department of EEE, submitted a proposal to DRDO worth Rs.97.00 lakhs. He also submitted a proposal to MNRE worth Rs.55.00 lakhs.

STUDENTS:

Osmania University Ranks

Our students have been consistently achieving good academic results and ranks in the University Examinations.

For the 2017 batch, out of the total 60 university ranks awarded in the six branches of Civil Engineering, EEE, ECE, Mechanical, CSE and IT, the College secured 26 ranks.

Students' Achievements:

A 3-Member CSE Students' team (R. Rupa Sai; B. Praveen and U. Rajesh) won 1st prize in the National-Level Hackathon conducted by the Dept., of I.T., VCE

A 8-Member I.T. students' team (V. Pravalika; B. Sai Teja; K. Santhosh Sai Teja; B. Sushma; M. Abhijith Chandra; Ch. Pavithra; V. Sravya and V. Haritha) won 1st prize and also 3rd prize in KONY-AMWAY App Playground Hackathon

A 3-Member I.T. students' team (V. Abhishek ; Shubham Singh and H. Shishir) won 1st & 2nd prizes in Virtual Labs Remote Internship.

Our Mech. Engg. Students' team stood 5th position in all India level student design challenge-2019 in the ASME's Global E-Fest 2019, organized by VIT, Vellore

ACADEMIC:

Our college is affiliated to the Osmania University and our students have been doing very well in the university examinations. Results during academic year 2017-18 are:

Branch	CSE	I.T.	EEE	ECE	CIVIL	MECH
% Pass	99.29	99.26	100	98.57	100	96.4
Overall Pass Percentage : 95.15						
MCA (3 year PG Programme) 2017-18				100%		

M.E/M.Tech (2017-18)

Branch	ADM	ES & VLSID	CE & SP	PS & PE	CSE
% Pass	100	75	90.91	100	100

Overall Pass Percentage : 95

MERIT AWARDS:

To encourage merit and to develop competition among the students, **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.

Best Project Awards are given for final year students to encourage innovativeness for the projects relevant to their respective fields of engineering.

Best Attendance Awards are given to all those students who have secured 100%, 99% and 98% of attendance in the preceding academic year.

In token of their all-round performance, **Young Leader Awards** are given to the 4th year students.

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 been instituted by industry partners, alumni, parents and individuals.

Merit-cum-Means Scholarships:

In addition to the above initiatives, the Management of Vasavi College of Engineering is providing Merit-cum-Means Scholarships to the needy students for their academic improvement.

ENTREPRENEURSHIP DEVELOPMENT CELL:

The College is an Institutional Member of NEN and TiE who are globally known organizations for entrepreneurial leadership programmes. The College has bagged Championship Award for Entrepreneurship Activities by NEN in the year 2016.

The Entrepreneurship Development Cell of the College is functional since 2002. For the overall development of the students, VCE encourages the conduct of various entrepreneurship related activities through "SWAYAM-The Entrepreneurship Development Cell". I am glad to inform you that VCE has bagged the prestigious E-Week National Championship Award consecutively for the years 2016 & 2018 conducted by Wadhvani Foundation-NEN. I congratulate our SWAYAM students' team who won the Award from Wadhvani Foundation-NEN.

Recently VCE has conducted the 2nd edition of Entrepreneurial Summit **at Tagore Auditorium, Osmania University, Hyderabad on 19th & 20th January, 2019.**

STUDENT DEVELOPMENT PROGRAMMES:

To equip the students to face the process of selection for placements, Training & Placement Cell is conducting 100 to 150 Hrs. structured training programme during summer vacation to all eligible 3rd year B.E. and 2nd year MCA students to meet the placement requirements of the industry.

In order to enhance the employability and placements of the students, the College has introduced "Skill Based Courses" (Communicative English, Technical Skills including Quant, logic, reasoning, verbal etc.)

It was resolved to offer the following courses as part of Finishing School (Technical Skills) during the 3/4 II-Semester of B.E. and IV-Semester of MCA in addition to the existing CRT being offered to the students during summer break.

- i) Fundamentals in Programming Skills (B.E. all branches and MCA),
- ii) Advanced Programming Skills (CSE, IT and MCA)
- iii) PEGA (CSE, IT & ECE)
- iv) Technical Training Certification IoT Training, Advanced Digital Design using Verilog and Cyber Security (ECE),
- v) Rivet Architecture & Primavera (Civil Engg.),
- vi) CATIA, Hyper Works, and Introduction to Python (Mechanical Engg.)

Higher studies:

Notable number of students secures admission in IITs, NITs in India and in reputed universities of USA/UK/Germany etc., every year to pursue their ME/MS Programme. A few students secure admission in prestigious Business Schools including IIMs to pursue their MBA.

PLACEMENTS:

The campus recruitment process for the batch graduating in June 2019 is almost in its final stage. It is gratifying to note that, 501 students got placements and 750 are the gross selections from 59 companies. The recruitment by the companies is continuing for 2018-19

batch. Electronic Arts (EA) Games, offered a package of 13.00 Lakhs + stocks, Accolite Software India Pvt. Ltd offered a pay package of 13.00 Lakhs per annum, Service Now offered a pay package of 12.00 Lakhs per annum, F5 Networks offered a pay package of 9.30.

Other major companies that selected our students in the current final year include Infosys (with 134 offers), Cognizant (74 offers) & Capgemini (with 75 offers)

Other companies that visited our campus this year are Oracle, Pega Systems, GE Hyderabad Technology Centre, IVY Comptech Private Limited, NCR Corporation, Deloitte Consulting, Optum, Epam, TechnipFMC, Salesforce, Hexagon, ADTRAN Networks, Verizon India ADP, TCS, Franklin Templeton Investment, Bank of America, etc., along with six core companies such as AMD, Qualcomm, Ashok Leyland (Women Drive), Hyundai Mobis India Limited, , Thomson Reuters, Medha Servo Drives Pvt. Ltd,.etc..

All of us at VASAVI sincerely thank all the companies for reposing their confidence in our students and College.

A total of 58 companies have visited this year till date. The average pay package is 4.8 LPA.

We have recorded highest placements this year when compared with other colleges in Telangana and Andhra Pradesh.

EXTRA-CURRICULAR ACTIVITIES:

Our students regularly participate in the Inter-Collegiate, Inter-University tournaments and win prizes.

Games & Sports:

Our college teams have participated in football, basketball, volleyball, tennikoit and Table Tennis Inter-Collegiate tournaments organized by Osmania University. Our college has organized Inter-College Carrom Tournament on 29th & 30th January, 2019.

Some of the remarkable achievers of our College will be introduced later during sports prize distribution function.

They have done us proud. Let us congratulate their remarkable performances.

CLUBS:

To improve the oral & writing skills, and also bring the innate talent of the students the college has permitted establishment of various clubs viz., toast Masters, MUN, Writers' Club, Science Club, Arts Club, Quiz, Maths Club, Film & Photography Club, Dramatics Club.

ALUMNI:

The college has been interacting with the Alumni regularly through the alumni portal with a view to facilitate connectivity and seek their cooperation in areas of placements, Students' projects, Students' visits, Consultancy etc.

Our Alumni have also instituted awards for students who have secured overall best performance in academics.

CONCLUSION:

I wish all our students an educative, interactive, fruitful and enjoyable academic journey at VASAVI and hope that they will take full advantage of the facilities available in the college and shape themselves into good engineers and more importantly as good human beings.

I appeal to the parents to continue their interaction with our Heads of Departments and faculty members, monitor the performance of their wards in attendance and academics and encourage them to achieve all round excellence.

Thank you.
