

**Ratification of Action Taken Report for  
Board of Studies Meeting held on  
25.05.2019**



**DEPARTMENT OF INFORMATION TECHNOLOGY  
VASAVI COLLEGE OF ENGINEERING (A)  
HYDERABAD**

**Vasavi College of Engineering**

**(Autonomous)**

**Department of Information Technology**

**Welcomes**

**Members of Board of Studies**

**on**

**22.02.2020**

# **AGENDA**

- 1. Welcoming the BOS Members.**
- 2. Ratifying the Action Taken Report of BOS meeting recommendations held on 25.05.2019.**
- 3. Introduction of newly recruited faculty in IT Department.**
  - 1. Dr. Vasappanavara Ramesh joined as Professor in IT Department.**
  - 2. Dr. Burgula Kezia Rani joined as Associate Professor in IT Department.**
- 4. Department of IT is organizing International Conference on Computational Intelligence and Data Engineering (ICCIDE-2020) from 12th & 13th June 2020.**
- 5. Approval of Open Elective Course on "Fundamentals of Python Programming" being offered to ME students.**
- 6. Department of IT has conducted a Faculty Development Program in collaboration with NIT Warangal on "Computational Approach in Big Data Analytics Applications" from 16.12.2019 to 21.12.2019.**
- 7. Deep Learning lab has been established in IT Department, a one-day training (on hardware) has been conducted 29.01.2020. Further one week training (on software) will be conducted in the month of March 2020.**
- 8. The Institution is going for NAAC Accreditation.**
- 9. Students achievements**
- 10. Any other item with the permission of the chair.**



# VASAVI COLLEGE OF ENGINEERING

(AUTONOMOUS)

IBRAHIMBAGH, HYDERABAD-500 031

## Vision

Striving for a symbiosis of technological excellence and human values.

## Mission

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

## Quality Policy

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

# DEPARTMENT OF INFORMATION TECHNOLOGY

## Vision

To be a centre of excellence in core Information Technology and multidisciplinary learning and research, where students get trained in latest technologies for professional and societal growth.

## Mission

To enable the students acquire skills related to latest technologies in IT through practice-oriented teaching and training.

# DEPARTMENT OF INFORMATION TECHNOLOGY

## Programme Educational Objectives (PEOs) for IT Programme

### The Programme will produce graduates

- PEO1.** With theoretical and practical knowledge to obtain employment or pursue higher studies and solve problems in Information Technology
- PEO2.** With effective written and oral communication skills that will help them to work in diversified and dynamic working environments.
- PEO3.** With competence to succeed in their professional lives with ethical values.

## Program Specific Outcomes (PSOs) for IT Programme

### The Students will demonstrate

- PSO1.** Competency in programming using different programming languages to implement algorithms.
- PSO2.** Competency in the analysis and design of a software solution using different modelling tools.
- PSO3.** Competency in Electronic Design and Embedded System Design using different simulation tools.

# DEPARTMENT OF INFORMATION TECHNOLOGY

## Program Outcomes (POs) for IT Programme

**Engineering Graduates will be able to:**

- 1. Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- 2. Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- 3. Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- 4. Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- 5. Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.
- 6. The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

# DEPARTMENT OF INFORMATION TECHNOLOGY

## Program Outcomes (POs) for IT Programme

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7. **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. **Ethics:** Apply ethical principles and committed professional ethics and responsibilities and norms of the engineering practice.
9. **Individual and teamwork:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

# **Department Achievements**

## **1. Department Achievements:**

- A New Deep Learning Lab has been established as part of AICTE MODROBs with a budget of Rs. 34.62 Lakhs out of which Rs. 19.31 Lakhs was sanctioned by AICTE and the balance of Rs. 16.32 lakhs was funded by college under Research Seed Money.

# Department Achievements

## Students Achievements:

- P. Anurag Varma (1602-18-737-006) participated in a National Level Contest i.e. The 5th CSI Discovery Thinking Programming Contest held on 21st & 30th December 2019 organized by Computer Society Of India. He is among the top 50 selected after these 2 rounds.
- He was invited to participate in 53rd CSI Annual Convention during 16th to 18th January 2020 at Kalinga Institute of Industrial Technology(KIIT) University, Bhubaneshwar on theme "Digital Democracy - IT for Change".



# Department Achievements

## Students Achievements:

- Mr. Mohammed Waheeduddin Farooqui Junaid (1602-17-737-020) got **Second Prize (Received MSP430 Microcontroller)** in **TI (Texas Instruments) Drishti online Contest by TI University Program** conducted on 27-28 July, 2019.
- A total of 361 students have participated. Winners of the contests received prizes on 13.11.2019. **He also got total 5 certificates in different streams. (Details are as follows.)**

S. No.	H.T. No.	Student Name	Contest Details	Certificate details
1	1602-17-737-020	Mohammed Waheeduddin Farooqui Junaid	WEBENCH - an online contest on 27th Jul 2019	Participation Certificate
2			MSP430 - an online contest on 28th Jul 2019	Participation Certificate
3			ANALOG - an online contest on 28th Jul 2019	<b>Third Place</b>
4			DSP - an online contest on 28th Jul 2019	<b>First Place</b>
5			TIVA - an online contest on 28th Jul 2019	<b>First Place</b>



# Department Achievements



## Extra Curricular Activities (Sports)

- K. Rishitha Reddy (1602-17-737-094) participated in the event Kata and secured **3<sup>rd</sup> place** at 7<sup>th</sup> Salute Martial Arts Academy, Telangana State Invitational Championship-2019 held at Victoria Indore Stadium, Chaderghat, Hyderabad on 18.08.2019.
- K. Rishitha Reddy (1602-17-737-094) participated in the event Kata and secured **3<sup>rd</sup> place** at 4<sup>th</sup> National level Open Karate Championship-2019 organized by Victory Shotokan Karate Association India held at Bommak Balaiah Garden, Boduppall, Hyderabad, TS on 15.09.2019.
- Ms. Rishitha Reddy (1602-17-737-094) participated in Karate (international level). Details are as follows. She secured **3<sup>rd</sup> place in 1<sup>st</sup> Shobukai International Karate Championship, 2019** held on 30-31 Dec., 2019
- She was also confirmed as '**Black Belt SHODAN**' received from Karate Budokan International (officially approved member of Karate Association of India(KAI) held during 15-18 January, 2020.

# PLACEMENTS

S No	Academic Year	Total No. of Companies Visited the Campus	No. of Registered Students with min. 60% Marks / 6.5 CGPA	Total No. of IT students placed	% of placement
1	2019-20 (as on 04.02.20)	51	118	112	<b>94.91</b>
2	2018-19	63	120	109	<b>90.83</b>
3	2017-18	72	124	103	<b>83.06</b>
4	2016-17	45	123	113	<b>91.87</b>

**THANK YOU**