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## Department Vision

Our vision is to empower our students with the skills and knowledge necessary to meet the challenges of the 21st century, driving sustainable socio-economic development through innovative solutions and responsible use of technology.

## Department Mission

- M1: Catering to the needs of students by providing good infrastructure and by imparting skills relevant to the IT industry.
- M2: To motivate students and faculty members towards self-learning to acquire knowledge about emerging technologies in the IT industry.
- M3: Promoting research that leads to innovative solutions using cutting-edge technologies in IT domain for the benefit of the society.
- M4: To inculcate team spirit, leadership qualities and ethics among the students and faculty.

## Editorial Members

1. Prasad G *Chief Editor* faculty member.
2. Chaitanya T *Student Member* Y19AIT407, VIII semester A Sec.
3. Chaitanya T *Student Member* Y19AIT407, VIII semester B Sec.
4. Chaitanya T *Student Member* Y19AIT407, VI semester A Sec.
5. Chaitanya T *Student Member* Y19AIT407, VI semester B Sec.
6. Chaitanya T *Student Member* Y19AIT407, IV semester A Sec.
7. Chaitanya T *Student Member* Y19AIT407, IV semester B Sec.

## Students' Achievements

### Campus Placement Details

SNo	Employer	Count	Package(lpa)
1	BrightTex Bio-Photonics	1	4
2	Care Monitor	1	5
3	Delloite	1	4.5
4	Eflair Technologies	1	3
5	Hexaware	1	4
6	KJ Systems Pvt Ltd	1	4
7	Mitsogo	1	4

### Co-curricular Achievements

SNo	Achievement Type	No. of Prizes		
		I	II	III
1	Technical Paper Presentation (Intra College)	1	1	1
2	Technical Quiz (Intra College)	3	3	3
3	Software Contest (Intra College)	1	1	1
4	Group Discussion (Intra College)	1	1	1
5	Academic Prize (Intra College)		7	
6	Endowment Prize (Intra College)		1	
7	GATE/GRE/TOFEL/IELTS/Dulingo/etc..		9	

### Extra-curricular Achievements

SNo	Achievement Type	No. of Prizes		
		I	II	III
1	Kabaddi	4	6	0

### Certifications Obtained

SNo	Certifying Authority	Count
1	IIT	8
2	Coding Ninjas	7
3	TCS	7
4	Others	9

### Results Analysis

Batch	Semester	Pass%
2018-22	VIII	90.4
2019-23	VI	78.2
2020-24	IV	73.8
2021-25	II	69.7

For further details, please [click here](#).

## Events Organized

### SNo Event Details

### Gallery

- 1 A One-Day Seminar on **"Adobe Analytics"** was held on Aug. 13, 2022. The resource person was Ms. B.Usha Sree, Digital Analytical Developer, Lenovo Pvt. Ltd. 48 students attended the seminar.



- 2 Software Contest, Technical Quiz and Technical Seminar were conducted on the occasion of **"Engineer's Day-2022"** on Sep. 08, 11 & 12, 2022. Students of the department participated in the the event.



- 3 A One-Day Webinar on **"Present SDLC in IT Industry"** was held on Sep. 11, 2022. The resource person was Mr. Hari Krishna T, GM-Business Development, Adhvit Innovations Pvt. Ltd., Mumbai. 55 students attended the webinar.



- 4 A **"Strategic Training Program to Equip Professional Skills (STEPS)"** was held from Sep. 19 to Oct. 01, 2022. The resource person was from The Talent Shine Institute. 120 students attended the training.



- 5 A Three-Day Workshop on **"Devops on AWS"** was held from Sep. 22 to Sep. 24, 2022. The resource person was Mr. Pilla Moses Alfred, Cloud Devops Engineer, MALtech Solution Pvt.Ltd. 73 students and 3 faculty members attended the workshop.



- 6 A One-Day Seminar on **"Importance of Management Studies"** was held on Oct. 14, 2022. The resource person was Mr. Karukonda Naveen, Manager, ICFAI Business School, Bangalore. 86 students attended the program.



- 7 A One-Day Seminar on **"Overseas Education"** was held on Oct. 20, 2022. The resource person was from CIAV Consultancy, Guntur. 31 students attended the program.



## Prog. Edu. Objectives

- PEO1: Successful and ethical professionals in IT and ITES (Information Technology Enabled Services) industries contributing to societal progress.
- PEO2: Engage in life-long learning, adapting to changing technological scenarios.
- PEO3: Communicate and work effectively in diverse teams and exhibit leadership qualities.

## Program Outcomes

- PO1 Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- PO2 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.
- PO3 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.
- PO4 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.
- PO5 Modern Tool Usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- PO6 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.

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## Faculty Achievements

### Academic & Research Achievements

SNo	Achievement Type	Count
1	NPTEL Certifications	6
2	Workshops / STTP / FDPs attended	36

### Awards / Rewards

SNo	Faculty Name	Award / Reward details
1	Mr. M. Praveen Kumar	Best Teacher Award

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## Research Activities

### Patents Published/Granted

1. Srinivasa Rao Namburi. Smart face shield, INDIA Patent, 401492, Granted on Jul. 18, 2022. URL <https://www.ipindiaservices.gov.in>

### Journal Papers

1. Pulipati Sreedhar. Intelligent technology enhances the friendliness of the pharmacy care service. *IJCST*, 10(6):220–228, Dec.2022. ISSN 2347-8578. URL <https://ijcstjournal.org>
2. Sreedhar Pulipati. A curvature based approach for the automated screening of retinopathy of prematurity of infants. *IJCST*, 10(6), Aug.2022. ISSN 2347-8578. URL <https://ijcstjournal.org>
3. Srinivasa Rao Namburi. Rapid text retrieval and analysis supporting latent dirichlet allocation based on probabilistic models. *Hindawi Mobile Information Systems*, 2022:12, Aug.2022. ISSN 1574-017X. URL <https://doi.org/10.1155/2022/6028739>

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## Program Outcomes

- PO7 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.
- PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- PO9 Individual and Team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- PO10 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.
- PO11 Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to ones own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- PO12 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.

## Prog. Spec. Outcomes

- PSO1 Domain knowledge: Acquire knowledge of hardware functionality, design and development of software components required to process the information.
- PSO2 Problem solving skills: Analyze data, Identify required data structures, design suitable algorithms, develop, operate and maintain software for real world problems.
- PSO3 Paradigm shifts: Understand the progressive changes in computing, possess knowledge of context aware applicability of paradigms.

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