In This Issue. . .

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. A.V.Krishna Rao P *Chief Editor* faculty member.
2. Saipratap CH *Student Member* Y18AIT414, VIII semester A Sec.
3. Venkateswara Rao N *Student Member* Y18AIT462, VIII semester B Sec.
4. Chaitanya T *Student Member* Y19AIT497, VI semester A Sec.
5. Pavan Krishna T *Student Member* Y19AIT498, VI semester B Sec.
6. Durga Prasad VSSK *Student Member* Y20AIT459, IV semester A Sec.
7. Srihari M *Student Member* Y20AIT507, IV semester B Sec.

Students' Achievements

Campus Placement Details

SNo	Employer	Count	Package(lpa)
1	Revature	2	3.5
2	Tata Elxsi	2	3.5
3	TCS	16	3.36
4	Tech Mahindra	4	3.3
5	Thundersoft	3	4.5
6	Tiger Analytics	1	6.5
7	Turing Minds.AI	3	5.25
8	Wipro	32	3.6
9	Zensar	1	4
10	Commscope	1	7.5
	Total	65	-

Co-curricular Achievements

SNo	Achievement Type	No. of Prizes		
		I	II	III
1	Qualification in GRE/TOEFL/IELTS/GATE etc		06	

Certifications Obtained

SNo	Certifying Authority	Count
1	IIT	14
2	Coursera	6
2	Microsoft	6
3	Salesforce	1
	Total	27

Results Analysis

Batch	Semester	Pass%
2018-22	VII	74.2
2019-23	V	55.4
2020-24	III	70.1
2021-25	I	68.6

Outgoing Batch Academic Performance

Batch	Appeared	Pass %	% of students with class		
			Distinction	I	II
2018-19	60	98.3%	25.4%	67.7%	6.7%

For further details, please click here.

Bapatla Engineering College

(AUTONOMOUS) ESTD : 1981 EAPCET CODE : BECB

Department of Information Technology

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IT Chronicle (2021-22) | **Issue: 2 (Jan. 2022 to Jun. 2022)** | **Volume: 3**

Events Organized

SNo	Event Details	Gallery
1	A **Three-Day Online Workshop** on **"Devops"** was held from **Jun. 25 to Jun. 27, 2022**. The resource person was **1. Mr. Adi Ganesh Vema, Team Leader, Philips Pvt. Limited, Banglore. 2. Mr. Veerendra Patineedi, Senior infra developer, Kubernetes administrator, Cognizant, Banglore**. 84 students and 3 faculty members attended the workshop.	
2	A **Farewell Day** for 2018-22 batch students was held on **Apr. 4, 2022**. Students and faculty members of the department attended the function.	
3	A **Five-Day Program** on **"Skill & Personality Development"** was held from **Jan. 03 to Jan. 07, 2022**. The resource person was **The Talent Shine Institute**. 14 students attended the Program.	
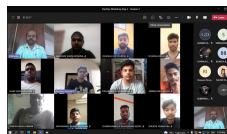
Faculty Achievements

Academic & Research Achievements

SNo	Achievement Type	Count
1	Workshops / STTP / FDPs attended	3
2	Resourse Person / Conference Chair / Reviewer	2
	Total	5

Awards / Rewards

SNo	Faculty Name	Award / Reward details
1	Dr. N. Sivaram Prasad	Awarded PhD

Prog. Edu. Objectives

PEO1: Become 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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Research Activities

Journal Publications

1. P Ravi Kumar and Valli Kumari Vatsavayi. A new supervised term weight measure based approach for text classification. *Intelligence Artificielle (IIETA)*, 36(3):395–407, June. 2021. URL https://doi.org/10.18280/ria.360307

2. K. BhaskaraRao P. Ratna Prakash Krishnaiah Boyana, Dr.G. VenkateswaraRao. An effective method for detection of untruthful interpretation in public networks. *International Journal of Innovative Research In Technology, IJIRT*, 8(11):528–532, April 2022. ISSN 23496002. URL https://ijirt.org/Article?manuscript=154565

3. B Tarakeswara Rao, E Ramesh, A Srinagesh, K Srnvasa Rao, N Kran Kumar, P Siva Prasad, B Naga Mallikarjuna, and K Arun. An efficient next word prediction for accurate informationusing deep learning algorithms. *International Journal of Computer Science and Network Security*, 22(06):665–669, 2022. ISSN 17387906. URL http://paper.ijcsns.org/07_book/202206/20220683.pdf

4. Dr.G.V.Swamy K.Bhaskara Rao Krishnaiah Boyana, Dr.G.Venkateswara Rao. Design and implement a novel approach to detect production forecast. *International Journal of New Innovations in Engineering and Technology*, 19(4):8–15, May 2022. ISSN 23196319. URL https://www.ijniet.org/wp-content/uploads/2022/06/2.pdf

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.