INFO TECHNIES BULLETIN

VOLUME 16

DEPARTMENT OF IT

Vision of the Institute

To emerge as a Premier Institution for Technical Education in the Country through Academic Excellence and to be recognized as a Centre for Excellence in Research & Development, catering to the needs of our Country

Mission of the Institute

To realize a strong Institution by consistently maintaining State-of-art infrastructure and building a cohesive, World Class Team and provide need based Technical Education, Research and Development through enhanced Industry Interaction.

Department Vision

To attain academic excellence in the field of Information Technology and research serving to the needs of the society through technological developments

Department Mission

M1: To create stimulating learning ambiance by providing state-of-art infrastructure and

M3: To strengthen industry-academia relationship for enhancing research capabilities.

to induce innovative and problem-solving capabilities to address societal challenges.

M2: To impart quality technical education with professional team to make the graduates globally competent to IT Enabled Services.

PSOs for B.Tech IT Program

PSO1: Develop software programs in various programming languages learnt to create the software applications to solve the real life problems of the society.

PSO2: Excel in emerging software tools and technologies.

PSO3: Effectively transform their ideas and bring consensus for the transformation of the idea into a usable software product / application.

PEOs for B.Tech IT Program

PEO 1: Students will have successful career in IT as researchers, entrepreneurs and IT professionals satisfying the needs of the society.

PEO 2: Students will exhibit inclination towards higher education and continuous learning process.

PEO 3: Students will practice ethical behavior in IT industry with effective soft skills essential to work in teams.

Program Outcomes (POs)

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 modeling 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.

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 commit to professional ethics and responsibilities and norms of the engineering practice.

9. Individual and team work: 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.

List of Faculty Members

S.No.	Name of the Staff Members	Designation
1	Mrs. D Sirisha	Assoc. Professor & HOD
2	Dr. S Suresh	Assoc. Professor
3	Mr. V Surya Prakash	Asst. Professor

4	Mrs. G Suryakala Eswari	Asst. Professor
5	Mr. Ch Venkata Ramana	Asst. Professor
6	Mrs. P V Komali	Asst. Professor
7	Mrs. Y Sri Latha	Asst. Professor
8	Ms. B Preethi Devi	Asst. Professor
9	Mrs. N V S Sowjanya	Asst. Professor
10	Mr. A Satyam	Asst. Professor
11	Mrs. T Ganga Bhavani	Asst. Professor

Guest lectures/Seminars/Workshops Organized

*   37 students from III IT attended guest lecture by Mr. Ramakanth, Manager, TCS, Hyderabad on "Industry Exposure" organized by Pragati Toastmasters club on 27th July 2019.

*   34 students from II IT, 37 from III IT and 19 from IV IT attended guest lecture on "Artificial Intelligence and Machine Learning Algorithms" organized by Dept.of CSE and IT by Mr. Venkata Siva Sai Pavan Anand Chinthalapudi, Mean Stack Developer from Miracle Software Systems on 15th July 2019.

Training   Programs attended by Faculty

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S.No.	Name of the Faculty	Designation	Workshop/FDP Name	Organized by	Duration
1	Mrs. P V Komali	Asst. Professor			
2	Mrs. Y Srilatha	Asst. Professor	Block Chain	JNTUK, Kakinada	14th to 18th Oct. 2019
3	Mrs. N V S Sowjanya	Asst. Professor			

4	Dr. S Suresh	Assoc. Professor	Recent Trends in Power Electronics Applications in Smart Grid, Electric Vehicles and Renewable Energy	Pragati Engineering College in association with E&ICT Academy, NIT Warangal	26th to 31st Aug. 2019
5	Mr. Ch Venkata Ramana	Asst. Professor	Linux	Pragati Engineering College in association with Teaching Learning Centre, ICT, IIT Bombay	23rd Aug. 2019
6	Mr. V Surya Prakash	Asst. Professor			
7	Ms. B Preethi Devi	Asst. Professor			
8	Mrs. N V S Sowjanya	Asst. Professor			
9	Mrs. D Sirisha	Assoc. Professor	Data Aggregation Scheme in e-health Cloud with Privacy Preserving	Raghu Institute of Technology, Visakhapatnam	2nd to 16th Aug. 2019

FACULTY ACHIEVEMENTS

*   **The following are the research papers published by the faculty:**

S. No.	Name of the faculty	Title	Journal name	Month and Year of Publication / Presentation	Indexing
1	Mrs. D Sirisha	Towards Ameliorating K-Means Clustering Algorithm	ICCAN 2019 Conference, proceeding of the conference to be published in AISC Series of Springer	Dec. 2019	SCOPUS
2	Mrs. D Sirisha	A Relativistic Study on Recent Clustering Algorithms	INDIA 2019 Conference, proceeding of the conference to be published in LNCS Springer	Nov. 2019	SCOPUS
3	Dr. S Suresh	An Entropy based Model for Examination of Social Media Data Mining for Marketing Intelligence	International Journal of Recent Technology and Engineering (IJRTE)	Sep. 2019	SCOPUS

*   Mrs. D Sirisha received an appreciation certificate from NPTEL, IIT Madras as Mentor for the NPTEL Online Certification Course, "The Joy of Computing Using Python", during Jul – Dec 2019.

*   Mrs. N V S Sowjanya received an appreciation certificate from NPTEL, IIT Madras as Top Performing Mentor for the NPTEL Online Certification Course, "The Joy of Computing Using Python", during Jul – Dec 2019.

*   Ms. B Preethi Devi completed NPTEL online certification exam for the course "Developing Soft skills and Personality" with ELITE during Aug – Oct 2019.

STUDENT ACHIEVEMENTS

*   13 students from IT received NPTEL certificates for successfully completing NPTEL online certification course during the period of July-December 2019.

S.No.	Name	Roll No.	Course Title	Result Status
1	S Dileep	18A31A1252	Programming, Data Structures And Algorithms Using Python	Elite
2	Joshna Sai Keerthi Mutyala	18A31A1217	Programming, Data Structures And Algorithms Using Python	Elite+Silver
3	Balusu Lakshmi Sowjanya	18A31A1202	The Joy of Computing using Python	Elite
4	Tetali Anantha Lakshmipriya	18A31A1229	The Joy of Computing using Python	Elite
5	A S V S Naga Sri Sai	18A31A1240	The Joy of Computing using Python	Elite
6	Narayanam Hemanth Kuamar	18A31A1250	The Joy of Computing using Python	Elite
7	Lakshmi Sudha Pinisetti	18A31A1213	The Joy of Computing using Python	Elite
8	Kovvuri Gowthami Reddy	18A31A1210	The Joy of Computing using Python	Elite
9	Satti Geethika	18A31A1226	The Joy of Computing using Python	Elite+Silver
10	Swarupa Mohapatra	18A31A1228	The Joy of Computing using Python	Elite
11	Muggulla Hema Naga Sai Deepika	18A31A1216	The Joy of Computing using Python	Elite
12	M Tejasree	18A31A1215	The Joy of Computing using Python	Elite
13	Ungarala Madhu Yamini	18A31A1230	The Joy of Computing using Python	Elite

STUDENT PLACEMENTS

*   The following 3 students placed in TCS Codevita

S.No.	Roll No.	Name of the student	Package
1	16A31A1210	Chodisetty Rohini Pravallika	TCS Digital-7 LPA
2	16A31A1226	Pantham Kavya Sree	TCS Ninja-3.3 LPA
3	16A31A1239	Vuppalapati Vanitha	

*   The following 9 students placed in TCS

S.No.	Roll No.	Name of the student	Package
1	16A31A1202	Manasa Aggitakalya	
2	16A31A1211	Kalyani Damalanka	
3	16A31A1212	Bhuvaneswari Devalla	
4	16A31A1214	Sravani Sreeja Gundu	
5	16A31A1221	Bhargavi Amulya Mootina	3.3 LPA
6	16A31A1230	Kanaka Sai Poornima Sanagavarapu	
7	16A31A1240	Jahnavi Yeluri	
8	16A31A1246	Ramakrishna Ajay Grandhi	
9	16A31A1252	Kesepattapu Nikhil	

*   The following are the 18 students placed in Capgemini Selections

S.No.	Roll No.	Name of the student	Package
1	16A31A1201	Achanta Naga Krishnaveni Varaha Lakshmi	
2	16A31A1202	Aggitakalya Manasa	3.8 LPA
3	16A31A1203	Allada Rasi Deepika	
4	16A31A1211	Damalanka Satya Kalyani	
5	16A31A1213	Duvvuri Naga Pratyusha	
6	16A31A1214	Gundu Sai Sravani Sreeja	
7	16A31A1215	Kara Sushma	
8	16A31A1216	Karri Harika Rani	
9	16A31A1221	Mootina Bhargavi Amulya	
10	16A31A1227	Alekhya Puranam	
11	16A31A1229	Rudra Gani Rajya Lakshmi	
12	16A31A1230	Sanagavarapu Kanaka Sai Poornima	
13	16A31A1232	Sirigina Mounika	
14	16A31A1234	Tanguturi Subha Lakshmi Sai Meghana	
15	16A31A1237	Dharani Vasamsetti	
16	16A31A1238	Velumuri Amrutha	
17	16A31A1246	Grandhi Ramakrishna Ajay	
18	16A31A1252	Kesepattapu Nikhil	

*   The following 2 students placed in ValueLabs Selections

S.No.	Roll No.	Name of the student	Package
1	16A31A1210	Chodisetty Rohini Pravallika	16.3 LPA (3 years)
2	16A31A1240	Jahnavi Yeluri	

* Ms. A Manasa (16A31A1202) of IV year placed in Prolifics with package of 3 LPA.
* Ms. M Lakshmi Sri Lalitha (16A31A1222) of IV year placed in Magik Minds with package of 3 LPA.
* Mr. K Nikhil (16A31A1252) of IV year placed in Wipro with package of 3.5 LPA.

TRAINING & PLACEMENT ACTIVITIES

* A guest lecture was organized by Training and Placement Cell to IV year students on "Career Planning" by Mr. Sudheer Babu, Dy. Manager -HR, Hyundai Mobis on 6th July 2019.
* A guest lecture was organized by Training and Placement Cell to III year students on "Employability Skills" by Mr. Nagendra Kumar, Technical Manager, Deloitte on 6th July 2019.
* TCS Specific Training was conducted by Talentio to final year students from 22nd July to 31st July 2019.
* A workshop was organized by Training and Placement Cell to IV year TCS shortlisted students on "How to crack Technical Interviews" by Dr. K. Sudheer Reddy, Head-Tecchnology, IntelligeNext Solutions, Hyderabad, on 16th August 2019.
* A workshop was organized by Training and Placement Cell to IV year TCS shortlisted students on "How to crack Technical Interviews" by Dr. K. Sudheer Reddy, Head-Tecchnology, IntelligeNext Solutions, Hyderabad, on 16th August 2019.
* A workshop was organized by Training and Placement Cell to IV year TCS shortlisted students on "How to crack HR Interviews" by Mr. Abdullah, CEO, Conduira on 19th August 2019.
* Capgemini Specific Training was conducted by ULS to IV year students from 26th August to 4th September 2019.
* A guest lecture was organized by Training and Placement Cell to III year students on "Employability Skills" by Mr. Srinivas Sriramdas on 24th September 2019.

Extra Curricular Activities

* Elocution competition on "Sign Language Rights for all" in view of "International Day of Deaf" was conducted on 21st September 2019.
* Elocution competition on "The hope for cancer patients that cancer is curable" in view of "World Rose Day in the Welfare of Cancer Patients" was conducted on 22nd September 2019.
* Essay writing competition on "Climate Action for Peace" in view of "International Day of Peace" was conducted on 21st September 2019.
* Essay writing competition on "Preservation of ozone layer" in view of "World Ozone Day" was conducted on 16th September 2019.

*   Essay writing competition on "Democracy under Strain: Solutions for a Changing World" in view of "International Day of Democracy" was conducted on 14th September 2019.

*   Essay writing competition on "Awareness among public about how first aid can save lives in case of crises" in view of "World First-aid Day" was conducted on 14th September 2019.

*   Elocution competition on "The Importance of Hindi Diwas and Significant Events on Hindi Diwas" in view of "Hindi Diwas Day" was conducted on 14th September 2019.

* Fresher's Day was celebrated by 2018 batch welcoming 2019 batch on 9th September 2019.

* Teacher's day was celebrated on 5th September 2019.

* Elocution competition on "The contributions of older persons in the society" in view of "National Senior Citizen Day" was conducted on 21st August 2019.

* Essay writing competition on "Importance of the Sadbhavana Diwas" in view of "Sadbhavana Diwas" was conducted on 20th August 2019.
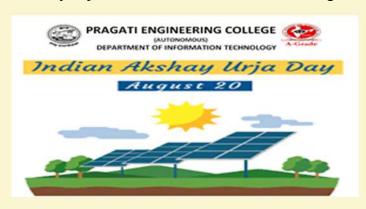
* Elocution competition on "Raise awareness on the causes of Malaria" in view of "World Mosquito Day" was conducted on 20th August 2019.

* Essay writing competition on "Awareness about the development of renewable energy in India" in view of "Akshay Urja Diwas" was conducted on 20th August 2019.

* Elocution competition on "Beauty of Nature" in view of "World Photography Day" was conducted on 19th August 2019.

* Elocution competition on "Awareness of the Plight of civilians around the world" in view of "World Humanitarian Day" was conducted on 19th August 2019.

* Students of II & III year IT have participated in "INDEPENDENCE DAY" celebrations conducted on 15th August 2018.

* Essay writing competition on "Hand Writing and Presentation Skills" in view of "International Left Hander's Day" was conducted on 13th August 2019.

* Elocution competition on "Transforming Education" in view of "International Youth Day" was conducted on 12th August 2019.

*   Essay writing competition on "Quit India Moment (1942)" in view of "Quit India Day" was conducted on 9th August 2019.

*   Essay writing competition on "Protection of Tigers" in view of "International Tiger Day" was conducted on 29th July 2019.

*   Essay writing competition on "Kargil War and Victory Day" in view of "Kargil Victory Day" was conducted on 26th July 2019.

* Elocution competition on "Empowering People, Developing Nation" in view of "World Population Day" was conducted on 11th July 2019.

* International Yoga Day was celebrated on 21st July 2019.

* Students of II & III year IT have participated in "SURGICAL STRIKE DAY" organized by College NCC Wing on 29th September 2019.

* Students of II & III year IT have participated in "COMUNAL HORMONY WEEK" organized by College NSS Wing from 19th to 25th November 2019.

* Students of II & III year IT have participated in "CONSTITUTION DAY" organized by College NSS Wing on 26th November 2019.

Academic Toppers

* The following are the list of students who have been awarded as the academic toppers on 15th August 2019.
* The following are the academic toppers for I Year II Semester and overall pass percentage is 71.15%

S.No.	Roll No	Name	Branch	Year / Sem	SGPA
1	18A31A1217	M Joshna Sai Keerthi	IT	I/II	9.75
2	18A31A1210	K Gowthami Reddy	IT	I/II	9.5

*   The following are the academic toppers for II Year II Semester and the pass percentage is 71.93%.

S.No.	Roll No.	Name	Branch	Year / Sem	SGPA
1	17A31A1201	A Jaswanthi	IT	II/II	9.18
2	17A31A1228	Preksha Jain	IT	II/II	9.05

*   The following are the academic toppers for III Year II Semester and the pass percentage is 77.59%.

S.No.	Roll No	Name	Branch	Year /Sem	SGPA
1	16A31A1239	V Vanitha	IT	III-II	9.14
2	16A31A1232	S Mounika	IT	III-II	9.14