



INFO TECHNIQUES

BULLETIN

VOLUME 10



DEPARTMENT OF IT



Editorial Board

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Mrs. B Preethi Devi - Convener
Mr. P S Prabhakara Rao - Member
Mrs.N.V.S.Sowjanya - Member

Student members

Ms. D.S.L.Harika (III BTech)
Mr. R V S. Vinay (III B.Tech)

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 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.

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

Programme Specific Outcomes

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.

Programme Educational Objective

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

PEO 2: To motivate students towards higher education and incline them towards continuous learning process.

PEO 3: To inculcate professional ethics of IT industry and prepare them with effective soft skills essential to work in teams.

PROGRAM OUTCOMES

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	Dr. G R N Kumari	Professor
2	Mrs. D Sirisha	Assoc. Professor & HOD
3	Mr. P Surya Prabhakara Rao	Asst. Professor
4	Mr. V Surya Prakash	Asst. Professor
5	Mrs. G Suryakala Easwari	Asst. Professor
6	Mr. Ch Venkata Ramana	Asst. Professor
7	Mrs. P V Komali	Asst. Professor
8	Mrs. Y Sri Latha	Asst. Professor
9	Ms. B Preethi Devi	Asst. Professor
10	Mrs. S Teja Swarupa	Asst. Professor
11	Mrs. K R L Srujana	Asst. Professor
12	Mrs. N V S Sowjanya	Asst. Professor

IMPORTANT NEWS

* First meeting of the Board of Studies in Information Technology held on 9th & 10th of July 2016 to finalize the course structure and syllabus, text books and model papers of first year subjects. All the external subject experts, along with the faculty members of the IT department have attended this BoS meeting.

Members of Board of Studies of IT Department

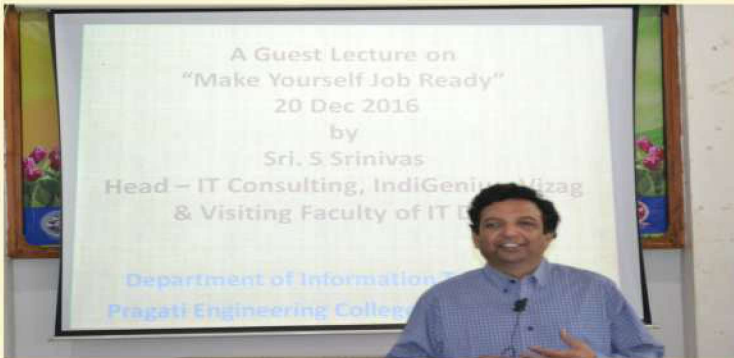
S.No.	External Subject Expert Name & Designation
1	Dr. M H M Krishna Prasad, Professor of CSE, UCEK, JNTUK, Kakinada.
2	Dr. R B V Subramanyam, Associate Professor, National Institute of Technology, Warangal.
3	Dr Manas Ranjan Patra, Head, Department of Computer Science, Berhampur University, Berhampur, Orissa.
4	Sri. Y.Praveen, Senior Consultant, Tata Consultancy Services, Hyderabad.

Guest lectures/Seminars/Workshops Organized

* An Interactive Session by Ms.Deepika Davuluri, Indian Ambassador to NASA organized on 20th December 2016.



* A guest lecture on “MAKE YOUR SELF JOB READY” by Mr. S Srinivas, Head – IT Consulting, Indigenius, Visakhapatnam was conducted on 20th December 2016 for II & III year students.



* A guest lecture on “Ethical Hacking” by Mr. K Chaitanya Kumar was conducted on 13th December 2016 and one student from IV year IT have participated.

* A Seminar on “Meet the Leader Programme” by Dr. Ganta Subba Rao, MD & CEO, APSSDC was conducted on 5th December 2016 and 10 students from III year IT have participated.

* A Seminar on “Meet the Leader Programme” by Dr. K Lakshmi Narayana, IAS, Director, APSSDC was conducted on 30th November 2016 and 18 students from II and IV year IT have participated.

* A guest lecture on “Cyber Security in Banking Sector” by Mr. B Suri Babu was conducted on 27th September 2016 and 18 students from II year IT have participated.

* A workshop on “PYTHON PROGRAMMING” was conducted by Mr. K Pavan Kumar from 1st to 3rd September 2016, 24 students from III year IT participated.



* A guest lecture on “IoT with Cloud centre of excellence” by Mr. Magnus Martensson and Mr. Prabhijit Singh Bhashi was conducted on 8th August 2016 and 10 students from III year IT have participated.

Training Programs attended by Faculty (Internal)

* The following are the list of NPTEL Online Courses enrolled by the faculty:

S.No.	Faculty Name	Designation	Course Name
1	Mr. P.Surya Prabhakar Rao	Asst. Prof	Programming in C++
2	Mr. Ch.V.Ramana	Asst. Prof	Software Testing
3	Mr. V Surya Prakash	Asst. Prof	Programming in C++
4	Ms. B.Preethi Devi	Asst. Prof	Object Oriented Analysis and Design & Software Testing
5	Mrs. Y.Sri Latha	Asst. Prof	Introduction to Operating System
6	Mrs. N.V.S.Sowjanya	Asst. Prof	Introduction to Operating System

Training Programs attended by Faculty (Outside)

* The following are the Faculty Development Programs (FDPs)/ Workshops attended by the faculty:

S.No.	Name of the faculty	Designation	Workshop Name	Place	Duration
1	Mrs. Y Srilatha	Asst. Professor	Mobile Application Development using Android	Vishnu College	16 th to 21 st Nov. 2016
2	Ms. B Preethi Devi	Asst. Professor	Analytics with R	AITAM Tekkali	20 th to 25 th Oct. 2016
3	Mr. V Surya Prakash	Asst. Professor	Google Android Developer Fundamentals	VVIT Guntur	6 th to 10 th Sept. 2016
4	Mr. Ch Venkata Ramana	Asst. Professor	Research Concepts & Incubations Ideas on IOT	JNTUK	3 rd Aug. 2016
5	Mrs. D Sirisha	Assoc. Professor	Evolutionary Computing Techniques: Theory & MATLAB Implementation	Pragati Engg. College	23 th to 24 th April 2016

FACULTY ACHIEVEMENTS

* NPTEL, IIT Madras has awarded an Appreciation Certificate to Mrs. G Surya Kala Eswari, for her instrumental role as MENTOR for the NPTEL Online Certification Course on “Operating Systems” for the period July-December 2016.

* 4 faculty from IT received NPTEL Certificates for successfully completing NPTEL online certification course during July-October 2016.

S.No.	Name	Course	Result Status
1	Mrs. Y.Sri Latha	Theory of Computation	ELITE
2	Mrs. N.V.S.Sowjanya	Introduction to Operating System	Successfully Completed
3	Ms. B.Preethi Devi	Object Oriented Analysis and Design	Successfully Completed
4	Mrs. G.Surya Kala Eswari	Introduction to Operating Systems	Successfully Completed

* 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	Efficient Scheme for Payment Minimization and QOS Services to Clients in Cloud	International Journal of Science Engineering and Advance Technology	October 2016	UGC Approved
2	Mrs. D Sirisha	Exploring the Efficacy of Branch and Bound Strategy for Scheduling Workflows on Heterogeneous Computing Systems	In the proceedings of 6th International Conference on Advances In Computing & Communications, ELSEVIER PROCEDIA COMPUTER SCIENCE	September 2016	SCOPUS
3	Mrs. D Sirisha	A Survey on Authentication of Short Encrypted Messages in Pervasive and Mobile Computing	International Journal of Innovative Research in Computer and Communication Engineering	September 2016	UGC Approved

STUDENT ACHIEVEMENTS

* 22 students from IT received NPTEL certificates for successfully completing NPTEL online certification course during July-October 2016.

S.No.	Name	Roll No.	Course Title	Score	Result Status
1	Padala Sripriya	15A31A1222	Developing Soft Skills and Personality	81	ELITE
2	M Naveen Kumar	15A31A1246	Developing Soft Skills and Personality	46	Successfully Completed
3	Daram Pujitha	15A31A1210	Developing Soft Skills and Personality	57	Successfully Completed
4	Sailendra Karlapudi	14A31A1229	Introduction to Operating Systems	60	ELITE
5	Repaka V V S Vinay	14A31A1236	Introduction to Operating Systems	49	Successfully Completed
6	Pothuraju Gopal	14A31A1225	Introduction to Operating Systems	41	Successfully Completed
7	Sathish Kumar Gadde	14A31A1227	Introduction to Operating Systems	48	Successfully Completed

8	Nethi Mounika	14A31A1216	Introduction to Operating Systems	45	Successfully Completed
9	Manyam Sruthi	14A31A1214	Introduction to Operating Systems	43	Successfully Completed
10	Samatham Prathyusha	14A31A1221	Introduction to Operating Systems	42	Successfully Completed
11	Damisetti S Lakshmi Harika	14A31A1207	Introduction to Operating Systems	51	Successfully Completed
12	Anusuri Bala Priyanka	15A31A1202	Introduction to Psychology	43	Successfully Completed
13	Padala Sripriya	15A31A1222	Programming in C++	64	ELITE
14	Srilakshmi Vadrevu	15A31A1232	Programming in C++	42	Successfully Completed
15	Vydehi Sunku	15A31A1229	Programming in C++	61	ELITE
16	Durga Sai Sushma Ch	15A31A1209	Programming in C++	65	ELITE
17	Parimala Aditya Arava	15A31A1223	Programming in C++	82	ELITE
18	Risha Jain	15A31A1226	Programming in C++	72	ELITE
19	R Dharavi	15A31A1225	Programming in C++	63	ELITE
20	Vaishnavi Krishna Kilambi	15A31A1215	Programming in C++	73	ELITE
21	Balusu Padmavathi	15A31A1204	Programming in C++	58	Successfully Completed
22	Pasumarthi Sanjesh	15A31A1250	Programming in C++	42	Successfully Completed

* 14 Students from III IT have participated in “Android Studio” of Andhra Pradesh State Skill Development Corporation.

☒ Ms. A Nagamani (14A31A1201), Ms. G Sai Lakshmi (14A31A1209) and Ms. S Prathyusha (14A31A1221) of III year published a paper on “CUDA PROGRAMMING” in International Conference on Electrical, Electronics, Computer, Civil & Mechanical Engineering” on 27th November 2016 conducted by ITAR.

☒ 6 Students from III IT successfully completed Internship at “CLOUD TECHNOLOGIES” from 14th November to 2nd December at Hyderabad.

S.No.	Name of the Student	Project Name
1	Ms. G Sai Lakshmi	Event Management
2	Ms. K Prashanthi	
3	Mr. K V Sailendra	
4	Mr. K Poorna Chandra	Fast Nearest Restaurant Search
5	Ms. V Sai Sindhu	
6	Ms. P Yogitha Satya Sri	

* 21 Students from III IT participated and successfully completed projects under the Web Application Development of Andhra Pradesh State Skill Development Corporation.

S.No.	Name of the Student	Project Name
1	Ms. A Nagamani	Tutor App
2	Ms. M Sai Hima Bindhu	
3	Ms. E Bhavana	Multiple Banks App
4	Ms. G Sai Lakshmi	
5	Ms. S Prathyusha	Whats App Mit
6	Ms. P Naga Jyothi	
7	Ms. V Sai Sindhu	Smart Lock App
8	Ms. K Poorna Chandra	
9	Ms. K Prashanthi	Social Media App
10	Ms. P Yogitha	
11	Mr. R V V S Vinay	Health Tips App
12	Mr. P Gopal	
13	Mr. K Sailendra	Space Invaders App
14	Mr. G Satish Kumar	
15	Ms. D S L Harika	StopWatch App
16	Ms. N Mounika	
17	Mr. V Srikanth	Health App
18	Ms. K Sai Vinitha	
19	Ms. Ch Naga Swetha	Health App
20	Mr. K Panduranga Sai	
21	Ms. V Jaya Deepika	Bubble Buster







- * Ms. B Padmavathi of III year IT has participated in Seminar Presentation competition organized by Pragati Engineering College on 15th September 2016 and won 2nd Prize.
- ☒ Mr. P Uttej Ashish of III year IT has participated in Quiz competition organized by JNTUK on 20th and 21st August 2016 and won 3rd Prize.

Extra Curricular Activities

- * Students of II & III Year participated in “VANAM-MANAM” Programme Organized by College NSS Wing on 29th July 2016.



- * On the birth anniversary of Sir Mokshagundam Visvesvaraya, “Engineer's Day” is observed on 15th September. On this occasion Competitions have been conducted in the department and students from II & III year have participated.
- * “Fresher’s day” was celebrated by 2015 batch welcoming 2016 batch on 22nd September 2016.



S.NO.	ROLL NO.	NAME	BRANCH	YEAR/SEM	%
1	14A31A1221	S Prathyusha	IT	II/I	82.9%
2	14A31A1216	N Mounica	IT	II/I	80.5%

