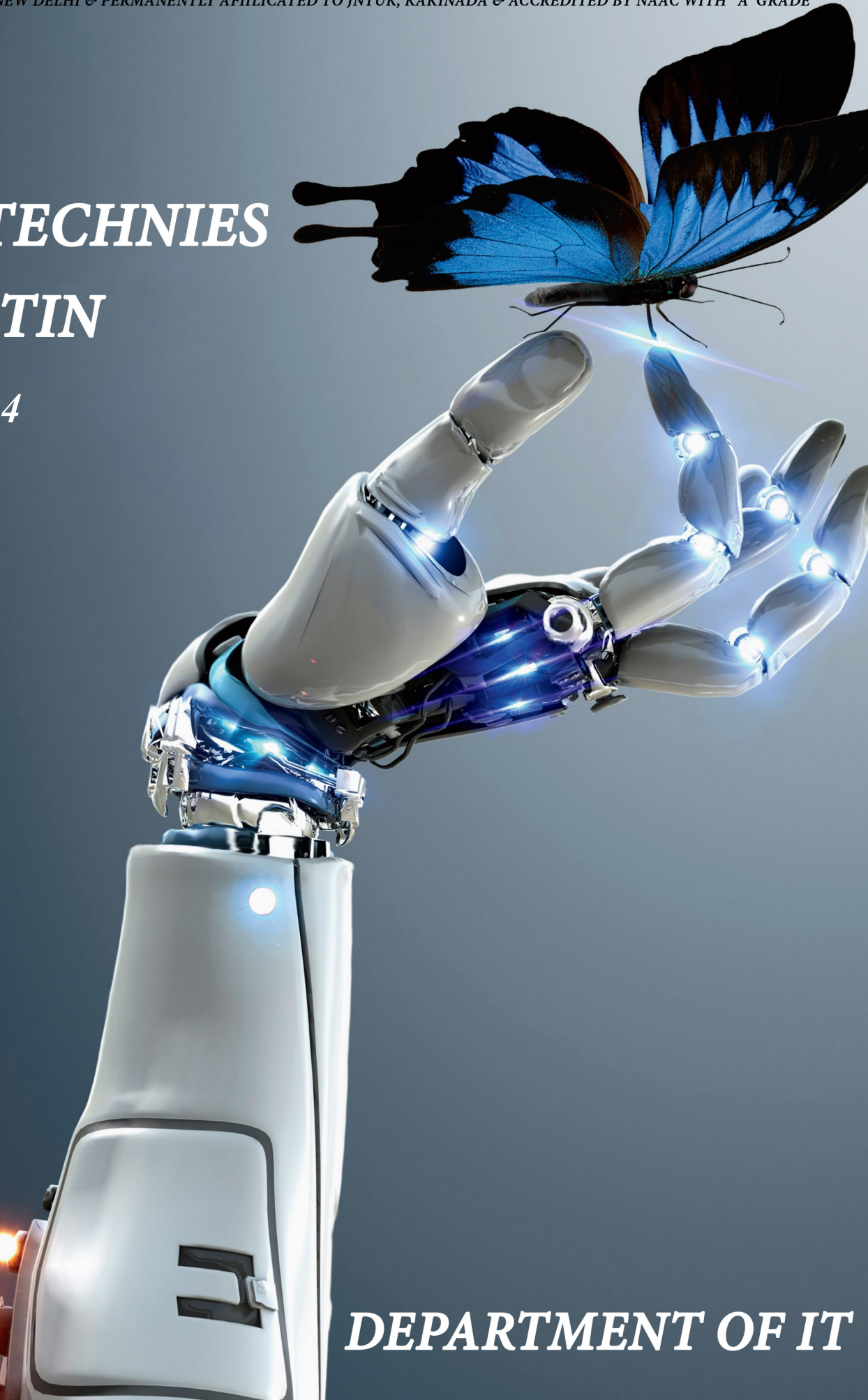




**INFO TECHNIQUES
BULLETIN**

VOLUME 14



DEPARTMENT OF IT



Editorial Board

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Mrs. N V S Sowjanya – Convener
Mrs. Y Srilatha – Member
Ms. B Preethi Devi – Member

Student members

Ms. A Manasa (III B.Tech)
Ms. V Amrutha (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

S.No.	Name of the Staff Members	Designation
1	Mrs. D Sirisha	Assoc. Professor & HOD
2	Dr. S Suresh	Assoc. Professor
3	Mr. P Surya Prabhakara Rao	Asst. Professor
4	Mr. V Surya Prakash	Asst. Professor
5	Mrs. G Suryakala Eswari	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. N V S Sowjanya	Asst. Professor

IMPORTANT NEWS

- * Mrs. D Sirisha, HOD-IT has organized a Six-day Faculty Development Program (FDP) on “Machine Learning and its Real Time Applications”, from 27th August to 1st September 2018.
- * Mr. V Surya Prakash, Asst. Professor has qualified APSET-2018 exam.
- * 27 students from IT have been selected in various companies during the placements drive, **conducted in Pragati Engineering College.**

Guest lectures/Seminars/Workshops Organized

- * 20 students from II year IT attended a guest lecture on “OPPORTUNITIES IN SOFTWARE INDUSTRIES AND HIGHER EDUCATION” by Mr. K Venkata Krishna Rao, Asst. Prof, VIT, Amaravati on 10th July 2018.



- * 25 students from II year IT attended a guest lecture on “APPLICATIONS OF ARTIFICIAL INTELLIGENCE, MACHINE LEARNING AND DEEP LEARNING” by Dr. V C V Rao, Assoc. Director, HPC CDAC, Pune on 26th July 2018.



* 48 students from III year IT attended a guest lecture on “MOTIVATIONAL TALK” by Mr. Abdullah, CEO, Conduira on 28th December 2018.



* 2 students from III year IT attended a Three-day workshop on “FUNDAMENTALS OF MACHINE LEARNING” by Prof. S V Ramana Murthy, Department of CSE conducted from 3rd to 5th July 2018.



* 35 students from II year IT attended a Three-day workshop on “FRONT END DESIGN” in association with APSSDC conducted from 27th to 29th August 2018.



* 36 students from II & III year IT attended a Three-week workshop on “INTERNET OF THINGS” in association with APSSDC conducted from 14th November to 4th December 2018.



* 18 students from II & III year IT attended a Two-day workshop on “BIG DATA ANALYTICS USING HADOOP” by Dr. Pankaj Sarma and Mr. Aswin Patri, Leadingindia.ai, Bennett University, Noida, conducted from 16th to 17th November 2018.



Training Programs attended by Faculty (Internal)

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

S.No.	Faculty Name	Designation	Course Name
1	Mrs. Y Srilatha	Asst. Prof	Block chain Architecture Design and Use Cases
2	Mr. V Surya Prakash	Asst. Prof	Problem Solving through Programming in C
3	Mr. Ch Venkata Ramana	Asst. Prof	Introduction to Research
4	Mr. P Surya Prabhakar Rao	Asst. Prof	Discrete Mathematics
5	Mrs. G Surya Kala Eswari	Asst. Prof	Discrete Mathematics
6	Ms. B Preethi Devi	Asst. Prof	Discrete Mathematics
7	Mrs. N V S Sowjanya	Asst. Prof	Discrete Mathematics

* The following faculties have attended a Six-day FDP on “Machine Learning and its Real Time Applications” programme was conducted in association with E&ICT Academy, NIT Warangal at Pragati Engineering College from 27th August 2018 to 1st September 2018.

S.No.	Faculty Name	Designation
1	Mrs. D Sirisha	Assoc. Prof
2	Mrs. Y Srilatha	Asst. Prof
3	Mr. V Surya Prakash	Asst. Prof
4	Mr. Ch Venkata Ramana	Asst. Prof
5	Mr. P Surya Prabhakar Rao	Asst. Prof
6	Mrs. G Surya Kala Eswari	Asst. Prof
7	Ms. B Preethi Devi	Asst. Prof
8	Mrs. N V S Sowjanya	Asst. Prof



* The following faculties have attended a Two-day workshop on “Big Data Analytics using Hadoop” organized by Departments of CSE & IT, in association with Leadingindia.ai, Bennett University, Noida at Pragati Engineering College on 16th and 17th November 2018.

S.No.	Faculty Name	Designation
1	Mrs. Y Srilatha	Asst. Prof
2	Mr. Ch Venkata Ramana	Asst. Prof
3	Mr. V Surya Prakash	Asst. Prof
4	Mrs. N V S Sowjanya	Asst. Prof



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/FDP Name	Organized by	Duration
1	Mr. Ch Venkata Ramana	Asst. Prof	Introduction to Research	NPTEL	Aug to Sep 2018
2	Mrs. Y Srilatha	Asst. Prof	Block chain Architecture Design and Use Cases	NPTEL	July to Oct 2018
3	Mrs. D Sirisha	Assoc. Prof	Artificial Intelligence and Deep Learning	Leading India.ai	28-06-2018 to 30-06-2018
4	Dr. S Suresh	Assoc. Prof			
5	Mr. V Surya Prakash	Asst. Prof	Internet of Things	NIT, Warangal	18-06-2018 to 23-06-2018
6	Mrs. Y Srilatha	Asst. Prof	AI and Machine Learning	NIT, Warangal	04-06-2018 to 08-06-2018
7	Mr. P Surya Prabhakar Rao	Asst. Prof			

FACULTY ACHIEVEMENTS

* NPTEL, IIT Madras has awarded an Appreciation Certificate to the following faculty members for their instrumental role as MENTOR for the NPTEL Online Certification Course for the period of July-October 2018.

S.No.	Name	Course
1	Mrs. N V S Sowjanya	Problem Solving thorough Programming in C
2	Ms. B Preethi Devi	
3	Mrs. Y Srilatha	Block chain Architecture Design and Use Cases
4	Mr. Ch Venkata Ramana	
5	Mrs. G Suryakala Eswari	

* Mr. Ch Venkata Ramana completed Google Certification course on “Digital Marketing”.

* Mr. Ch Venkata Ramana has selected as a NPTEL reviewer for the course “Introduction to Research”.

* The following faculty received NPTEL Certificates for successfully completing NPTEL online certification course during the period July-October 2018.

S.No.	Name	Course	Result Status
1	Mrs. Y Srilatha	Block chain Architecture Design and Use Cases	Successfully completed
2	Mr. V Surya Prakash	Problem Solving through Programming in C	ELITE
3	Mr. Ch Venkata Ramana	Introduction to Research	ELITE
4	Mr. P Surya Prabhakar Rao	Discrete Mathematics	ELITE
5	Mrs. G Surya Kala Eswari	Discrete Mathematics	ELITE
6	Ms. B Preethi Devi	Discrete Mathematics	Successfully completed
7	Mrs. N V S Sowjanya	Discrete Mathematics	Successfully completed

STUDENT ACHIEVEMENTS

*16 students from IT received NPTEL certificates for successfully completing NPTEL online certification course during the period of July-October 2018.

S.No.	Name	Roll No.	Course Title	Score	Result Status
1	Tejaswi Nimmalapudi	17A31A1222	Introduction to Programming in C	40	Successfully completed
2	S Geethika Sai Lakshmi	17A31A1231	Introduction to Programming in C	42	Successfully completed
3	Janamanchi Prathyusha	17A31A1209	Introduction to Programming in C	43	Successfully completed
4	Peddisetti Jayasri	17A31A1226	Introduction to Programming in C	47	Successfully completed
5	Varadhi Deva Manojna	17A31A1236	Introduction to Programming in C	48	Successfully completed
6	Chirukuri Naga Vitesh	17A31A1244	Problem Solving through Programming in C	40	Successfully completed
7	Preksha Jain	17A31A1228	Problem Solving through Programming in C	51	Successfully completed
8	Kota Pavana Supriya	17A31A1212	Problem Solving through Programming in C	46	Successfully completed
9	Allu Jaswanthi	17A31A1201	The Joy of Computing using Python	84	Elite
10	Meghana Gurani	17A31A1207	The Joy of Computing using Python	75	Elite
11	Teja Sruthi	17A31A1237	The Joy of Computing using Python	97	Topper of 1% in this course
12	Amrutha Sai E	17A31A1206	The Joy of Computing using Python	90	Elite <u>With Gold</u>
13	T B N L Keerthana	17A31A1235	The Joy of Computing using Python	72	Elite
14	Sunkara Sivaramakrishna	17A31A1254	The Joy of Computing using Python	68	Elite
15	Manyam Monika	17A31A1214	The Joy of Computing using Python	88	Elite
16	Madhava Sai Adabala	17A31A1239	The Joy of Computing using Python	53	Successfully completed

* Ms. S Sushrusha of III year IT won 2nd prize in Kho-Kho (W) competition conducted on Sports Day, 29th August 2018.

* Ms. S Sushrusha of III year IT stood as Runner in Throw-Ball competition conducted on Sports Day, on 29th August 2018.

* Mr. D Bajireddy of IV year IT selected to represent JNTUK Kho-Kho (Men) team which will take part in the south zone Inter University held on 19th September 2018.

* 5 students from III and IV year IT have successfully completed Full Stack web developer nano degree course during May to June 2018.

S.No.	Name	Roll No.	Year
1	N Swapna	15A31A1220	IV
2	A Parimala Aditya	15A31A1223	IV
3	T Harika	15A31A1231	IV
4	Ch Rohini Pravallika	16A31A1210	III
5	V Vanitha	16A31A1239	III

*16 students from III and IV year IT have completed internships in various organizations during April to June 2018.

S.No.	Associated Organization	Title of the Project/ Activity	Number of students participated	Duration of the event
1	AMG Innovation	Salesforce Admin, Lightning, Classic, Force.com, APEX Concepts	04	25 th April to 6 th June 2018
2	Engineering Staff College of India	Internet of Things with IBM Cloud	03	June 2018
3	Experts Hub	Internet of Things tools and technologies	06	13 th June to 20 th June 2018
4	SmartBridge	Internet of Things with IBM Cloud	02	May to June 2018
5	Sagarsoft	OpenERP	01	28 th May to 22 nd June 2018

STUDENT PLACEMENTS

* 27 students from IT have been selected in various companies during the placements drive, conducted in Pragati Engineering College.

S.No.	Name of the student	Roll No.	Name of the company
1	Anusuri Bala Priyanka	15A31A1202	CAPGEMINI (3.5 LAKHS PER ANNUM)
2	Valluri Bharathi Laxmi Durga	15A31A1206	
3	Boppana Lakshmi Priya	15A31A1207	
4	Durga Sai Sushma Ch	15A31A1209	
5	Sri Ramya Kantipudi	15A31A1214	
6	Kilambi Vaishnavi Krishna	15A31A1215	
7	Kodukula Shravika	15A31A1216	
8	Lisha Jain	15A31A1217	
9	Rao Dharavi	15A31A1225	
10	Risha Jain	15A31A1226	
11	Vydehi Sunku	15A31A1229	
12	Suravarapu Alekhya	15A31A1230	
13	Bondada Satya Hanuman	15A31A1235	

14	P Sripriya	15A31A1222	TCS (3.3 LAKHS PER ANNUM)
15	Parimala Aditya Arava	15A31A1223	
16	Sathi Sushmitha	15A31A1227	
17	V Sri Lakshmi	15A31A1232	
18	K Vaishnavi Krishna	15A31A1215	OPENTEXT (6.6 LAKHS PER ANNUM)
19	N Swapna	15A31A1220	
20	B Satya Hanuman	15A31A1235	GGK TECHNOLOGIES (3.5 LAKHS PER ANNUM)
21	Risha Jain	15A31A1226	TVARANA SOFTWARE SOLUTIONS (4 LAKHS PER ANNUM)
22	K Venkat Rao	15A31A1241	USHA COMPANY
23	T Durga Harika	15A31A1231	SYNTEL (3LAKHS PER ANNUM)
24	Pooja Jain	15A31A1224	CODEMANTRA (2.5 LAKHS PER ANNUM)
25	T Durga Harika	15A31A1231	WIPRO (3.5 LAKHS PER ANNUM)
26	Pooja Jain	15A31A1224	
27	N Bhargavi	15A31A1221	

TRAINING & PLACEMENT ACTIVITIES

* AMG Innovation India Pvt. Ltd (formerly Sphere) conducted a mini conclave on 6th July 2018 titled AMGs Mini Conclave. The following students of IV year IT participated in this event.

S.No.	Roll No.	Name of the student
1	15A31A1204	Balusu Padmavathi
2	15A31A1214	Kantipudi Sri Ramya
3	15A31A1215	Kilambi Vaishnavi Krishna
4	15A31A1220	Nalluri Swapna
5	15A31A1226	Risha Jain
6	15A31A1227	Sathi Susmitha
7	15A31A1222	Padala Sripriya
8	15A31A1225	Rao Dharavi
9	15A31A1230	Suravarapu Alekhya
10	15A31A1231	Tadala Durga Harika

* CRT by external agency commenced from 20th to 31st August for Final year students.

* CAPGEMINI specific training (by external people) for final year students commenced from 4th to 13th October 2018.

- * WIPRO specific training (by external people) for final year students commenced from 10th to 14th November 2018 .
- * KASEPATTAPU NIKHIL (16A31A1252) from III year IT selected for Quaxon Technos Pvt. Ltd offering Remote Internship opportunity.
- * A guest lecture on “MOTIVATIONAL TALK” was organized by Mr. Abdullah, CEO, Conduiron 28th December 2018. III year students of IT took part.

EPROZYNE-2K18 (A NATIONAL LEVEL TECHNICAL SYMPOSIUM)

- * A National level technical symposium called “EPROZYNE -2K18” under “STRIDES” was conducted by CSE & IT departments on 7th December 2018.
- * The main aim of this Symposium is to highlight the current status and emerging trends in technology in various topics towards the betterment of R&D and Industrial needs.
- * The following events were organized:
 - * PAPER PRESENTATION
 - * POSTER PRESENTATION
 - * APP & IDEA EXPO
 - * QUIZ
 - * SPOT EVENTS



Extra Curricular Activities

- * Fresher's Day was celebrated by 2017 batch welcoming 2018 batch on 20th July 2018.



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



* Teacher's day was celebrated on 5th September 2018.



* On the birth anniversary of Sir Mokshagundam Visvesvaraya, Engineer's Day is observed on 15th September. On this occasion Competitions have been held in the department and students of III & II Year have participated.



* Students of II & III year IT have participated in “SURGICAL STRIKE DAY” organized by College NCC Wing on 29th September 2018.



* Students of II & III year IT have participated in “COMUNAL HARMONY WEEK” organized by College NSS Wing from 19th to 25th November 2018.

* Students of II & III year IT have participated in “CONSTITUTION DAY” organized by College NSS Wing on 26th November 2018.



Academic Toppers

* The following are the list of students who have been awarded as the academic toppers on 15th August 2018.

* The following are the academic toppers for I Year II Semester and overall pass percentage is 73.68%

S.No.	Roll No	Name	Branch	Year / Sem	SGPA
1	17A31A1207	G Meghana	IT	I/II	9.88
2	17A31A1201	A Jaswanthi	IT	I/II	9.88

* The following are the academic toppers for II Year II Semester and the pass percentage is 63.3%.

S.No.	Roll No.	Name	Branch	Year / Sem	%
1	16A31A1238	V Amrutha	IT	II/II	9.18
2	16A31A1239	V Vanitha	IT	II/II	8.91

* The following are the academic toppers for III Year II Semester and the pass percentage is 54.9%.

S.No.	Roll No	Name	Branch	Year /Sem	%
1	15A31A1214	K Sri Ramya	IT	III-II	76.61%
2	15A31A1231	T Durga Harika	IT	III-II	75.76%

