

CSI Annual Report 2017-18

COMPUTER SOCIETY OF INDIA

The seed for the Computer Society of India (CSI) was first sown in the year 1965 by a handful of IT enthusiasts who were a computer user group and felt the need to organize their activities. They also wanted to share their knowledge and exchange ideas on what they felt was a fast-emerging sector. Today the CSI takes pride in being the largest and most professionally managed association of and for IT professionals in India. The organization has grown to an enviable size of 100,000 strong members consisting of professionals with varied backgrounds including Software developers, Scientists, Academicians, Project Managers, CIOs, CTOs & IT vendors to just name a few. It has spread its branches all over the country. Currently having more than 500 student branches and rooted firmly at 73 different locations, CSI has plans of opening many more chapters & activity centers in smaller towns and cities of the country.

CSI Student GITAM Branch

The idea of CSI is to spread knowledge, work as a cohesive team and provide opportunities to as many interested as possible. **Prof. R. Sireesha**, Faculty Advisor of CSI GITAM Student Branch, played an eminent role and provided immense support and encouragement for the implementation of CSI activities. **Smt. K. Neelima Santoshi**, Faculty Coordinator of CSI GITAM Student Branch, helped and supported us with great enthusiasm all through the journey.

CSI GITAM Student Branch provides its members a number of opportunities through fests, workshops, seminars and social activities that are conducted throughout the year. This student branch comprises of over 500+ registered students in this academic year.



Prof. R. Sireesha

(2017 – Present)

Professor
Faculty Advisor, CSI



Smt. K. Neelima Santoshi

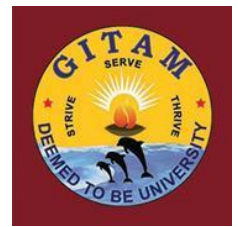
(2015 – Present)

Assistant professor
Faculty Coordinator, CSI



CSI Student Branch Core Team

S. No	Full Name	Designation
1	Vinay Kothapalli	President
2	Nikhil Tomar	Vice President
3	Sai Sriya	Secretary
4	Arekatla Bhanuja	Treasurer
5	Kasireddy Sri Sai Subhash	Joint Secretary
6	Sayana Dinesh Chandra	Membership Chair
7	V N S G Rochishnu	Sponsorship and Marketing
8	Kucharlapati Sai Avinash Varma	Head of Community Service Operations
9	Kintali Sai Dinesh	Web Developer
10	Nunna Bala Bharadwaj Krishna	Design Team
11	Andey Sai Preetam Praveer	Head of Photography
12	Ganne Sowmya	Content Lead
13	Naveen Malla	Web Master
14	Kapuganti Lahari	Technical Club Manager
15	Rayudu Nirmal Venkat Pavan Kumar	Hospitality
16	Vakacharla Naga Pranudeep	Administrator
17	Sri Sathya Jahnvi kantipudi	Event Manager
18	Putchu Thanuj Reddy	Hospitality
19	Pujith Vaddi	Publicity Team
20	S.Yasaswini	Club Manager
21	Gannamaneni Vagdevee	Event Manager
22	Aishwarya Pullabhatla	Public Relations
23	Likhitha Chandra Jami	Technical Head
24	Hari Subbarao	VFX and Video Designer
25	Anisha Yidala	Production Designer
26	Kagitala Ramya Niveditha Reddy	Event Manager
27	Tanusha	Event Manager



Events Conducted During 2017-18

S. No	Event name	Event description	Dates
1	Seminar on “Digital Transformation”	A seminar on ‘Digital Transformation’ was organized by the Computer Society of India, GITAM Student Branch under the aegis of the CSE Department, GIT, GITAM. The featured speaker for the event was Mr. P Saravanan, Delivery Head at NIIT Limited.	11 th September 2017
2	Two-day workshop on “Blockchain” Technology.	Shri Opinder Preet Singh, Head, ETHLend, India Ltd., an expert in the area of Ethereum blockchain and digital currency, is the resource person for this workshop. The concept of arising of bitcoin usage was beautifully portrayed and addressed by the speaker.	18 th and 19 th September 2017
3	A seminar on “Startups and Entrepreneurship World” and a workshop on “Android App Development using IoT and Embedded Systems”	On the first day, a seminar on “Startups and Entrepreneurship World” was taken by Mr. Srikanth (CEO & MD, Academy of Robotics). This great interactive session was followed by a workshop on “Android App Development using IoT and Embedded Systems” on the second day.	18 th and 19 th September 2017
4	“Walk – a – thon” on Digitalization	CSI Student Branch GITAM organized a walk – a – thon titled Digi-Thon at Rama Krishna Beach Road, to bring awareness about Digitalization in India. The Principal and Dean, GITAM Institute of Technology, Prof. K. Lakshmi Prasad has flagged off the event. The event witnessed an active participation of over 80 students in order to raise awareness about Digitalization as a part of the Andhra Pradesh State Student Convention by CSI GITAM Student Branch.	21 st November 2017
5	“CSI Andhra Pradesh State Student Convention” on theme “INDIA Rising - Embracing Digital Transformation”	CSI GITAM Student Branch in association with Department of Computer Science Engineering had organized the CSI Andhra Pradesh State Student Convention on November 24 & 25, 2017 on the theme India Rising-Embracing Digital Transformation. The Chief Guest of the convention was Shri R.S. Prasad Rao garu, Director of CtrlS, Hyderabad.	24 th and 25 th November 2017

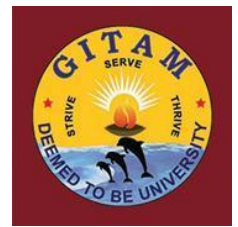


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Student Branch, GITAM Institute of Technology

Institutional Membership Number (I01132)

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6	Workshop on “Cyber Security”	<p>CSI Student Branch GITAM in association with Department of Computer Science Engineering had organized the Cyber Security Workshop as a part of the CSI Andhra Pradesh State Student Convention.</p> <p>The featured speaker for the workshop was Shri. Venkata Abhinava Devaguptapu, Project Manager - Cyber Security, iB Hubs, Hyderabad. He spoke about the Impact of Hacking in Cyber Warfare and displayed several techniques commonly used in it and how to secure yourself against them. He addressed popular misconceptions that people have on hacking and introduces the world of cyberspace to the audience.</p>	24 th November 2017
7	Workshop on “Internet of Things (IoT)”	<p>CSI Student Branch GITAM in association with Department of Computer Science Engineering had organized the IOT Workshop on November 25, 2017 as a part of the CSI Andhra Pradesh State Student Convention.</p> <p>The featured speaker for the workshop was Shri Manikanta Gupta is Project Manager - IoT, iB Hubs. He introduced the emerging world of Internet of Things and the career options that arise with it. He explained the basics of IoT and had an interactive session showing the practicalities of IoT.</p>	25 th November 2017
8	“Virtual Reality and Augmented Reality Workshop”	<p>CSI Student Branch GITAM in association with Department of Computer Science Engineering had organized the IOT Workshop as a part of the CSI Andhra Pradesh State Student Convention. The featured speaker for this event was Smt. Kavya, Director, iB Hubs, Bangalore.</p> <p>She helped everyone understand the intricacies of VR and AR in an interactive session where all the students were given a chance to experience Virtual Reality using a VR Box which they had brought along. They invited everyone to try it and become IoT “makers” to help revolutionize the world.</p>	25 th November 2017

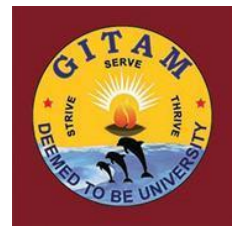


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9	“Seminar on Distributed Computing”	<p>CSI Student Branch GITAM in association with Department of Computer Science Engineering had organized the seminar on Distributed Computing. The featured speaker for the event was Shri. Sumanth Pasupuleti, Senior Software Engineer, Netflix, California.</p> <p>Distributed computing intends to leverage a cluster of machines to get tasks done faster. This computing paradigm utilizes parallelism and task division to increase efficiency of computing all forms of tasks. The speaker introduced Hadoop, Spark and Cassandra, which is one of the simplest NoSQL database distributing systems. He contrasted RDMBS concepts with the NoSQL concepts used in Cassandra and presented an overview of Cassandra's implementation of CAP theorem to maximize efficiency. He ran through a short list of commonly used hashing algorithms and CPU scheduling algorithms.</p>	20 th December 2017
10	Workshop on “Cloud Computing” by Alibaba Cloud	<p>The CSI GITAM Student Branch in association with the Department of Computer Science Engineering hosted the tech show for Alibaba Cloud to the campus as a part of the CSI Annual Fest “Ethereal 2K18”. The featured speakers for the event were - Shri. Sharat Chandra, MVP, Alibaba Cloud India Ltd and Shri. Goutham Upadhayay, Chief Technical Officer, Alibaba Cloud.</p> <p>They briefly explained the importance and the working of the cloud computing system with the live example of the WordPress website hosting on the Alibaba Cloud.</p>	3 rd March 2018
11	CSI Annual Fest “Ethereal 2K18”	<p>The CSI GITAM Student Branch in association with the Department of Computer Science Engineering had organized the Annual fest named “Ethereal 2k18”. The fest was inaugurated by Professor Siba K Udgata.</p> <p>The two-day fest featured a vast variety of technical and non-technical events to promote the talent among students. A workshop on Smart Automation was also be conducted over the two days dealing with technologies based on Internet-of-Things (IoT) and Computational Intelligence.</p>	5 th and 6 th March 2018

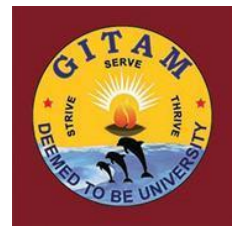


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12	Expert Lecture on “Cloud Computing and Natural Language Processing”	<p>The CSI GITAM Student Branch in association with the department of Computer Science Engineering organized a seminar on Cloud Computing and Natural Language Processing. The main speaker for the event was Vijay Ponduru, Lead Application Developer, Nuveen Technologies, San Francisco.</p> <p>He gave an insight on the working of the cloud computing systems and the basics of natural language processing while explaining its relevance in the industry and its scope in the future.</p>	9 th March 2018
13	Seminar on “Career Guidance and Future Studies”	<p>The CSI GITAM Student Branch in association with the department of Computer Science Engineering organized a career orientation session. The main speaker for the event was Ramaraju, Institute of Foreign Studies (IFS) Consultancy.</p>	21 st March 2018

About the Events:

Event name: Seminar on “Digital Transformation” by Shri. P. Saravanan, Delivery Head at NIIT Limited

Date: 11th September, 2017

Participation: 182

Mr. Saravanan garu gave the students an impeccable seminar on the constant change that occurs in the life of an engineering graduate. He also pointed out how digitalization has completely transformed the world into a better and wider stage. The students were totally engrossed in the seminar as it was extremely informative and interactive. The motto of this seminar is to make every individual aware of one’s own self-potential and put it into proper use and as computer graduates, utilize the opportunities and make the world a better digitalized platform.



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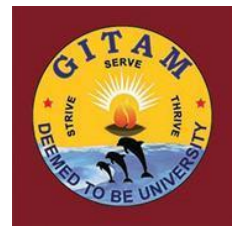


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Event name: Two-day workshop on Block Chain Technology by Shri Opinder Preet Singh, Head, ETHLend India Ltd. conducted in association with the government of AP.

Dates: 18th and 19th September 2017

Participation: 100 students

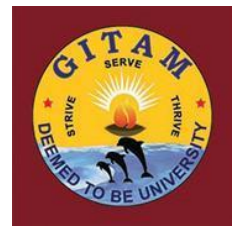
The Department of Computer Science and Technology, GIT, GITAM, Visakhapatnam in Association with Govt. of AP has Organized a Two-Day Workshop on Blockchain Technology. Blockchain is the world's leading software platform for digital assets. Nearly 100 Students from CSE, ECE & IT have benefitted from this this event.

Shri Opinder Preet Singh, Head, ETHLend, India Ltd., an expert in the area of Ethereum blockchain and digital currency is the resource person for this workshop. The workshop started off with Mr. Opinder Preet Singh explains various problems in economy and banking structure leading to the need for bitcoin and digital currencies. He emphasized that the power of money must be handed back to the public. The concept of bitcoin has arisen to our need to address the aforementioned problems. The speaker also discussed about how blockchain technologies may be utilized by companies, the tools required to develop blockchain use cases.





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Student Branch, GITAM Institute of Technology
Institutional Membership Number (I01132)
GITAM
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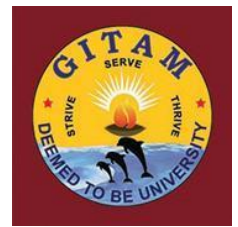


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Institutional Membership Number (I01132)

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Event name: Seminar on Startups and Entrepreneurship World & Workshop on Android App Development using IoT and Embedded Systems by M. Srikanth, CEO & MD, Academy of Robotics

Dates: 18th and 19th September 2017

Participation: 338+ students

On Monday, 18th September, 2017, an inaugural Function regarding the workshop on “Android App Development using IoT and Integrated Embedded Systems” took place. The workshop was organized by Computer Society of India (CSI) Student Branch under Department of Computer Science & Engineering, GIT, GITAM. The speech was started off by Mr. Srikanth talking about the startups and entrepreneurship world. It was a great interactive session and students were thoroughly enthusiastic about the talk. He spoke about the techniques of programming in contrast with the conventional way. The main focus was on entrepreneurship, career and orientation with technology. He gave a glimpse on the Academy of Robotics and took us through the details of his firm and the technology involved in robotics. It acted as a trigger to the idea of entrepreneurship with the help of programming, proper administration and software.

The second day of the workshop was completely hands-on providing opportunity for the participants to build various applications for manipulating different robots. The session was followed by quiz and certification. The participants were introduced to the National Robot Clubs of India for further participation.





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Institutional Membership Number (I01132)

GITAM

Visakhapatnam -530045



Event name: “Walk – a – thon” on Digitalization

Date: 21st November, 2017

Participation: 80+ students

CSI Student Branch GITAM organized a walk – a – thon titled Digi-Thon at Rama Krishna Beach Road on Nov 21, 2017, to bring awareness about Digitalization in India. The Principal and Dean, GITAM Institute of Technology, Prof. K. Lakshmi Prasad has flagged off the event. The event witnessed an active participation of over 80 students in order to raise awareness about **Digitalization** as a part of the *Andhra Pradesh State Student Convention* by CSI GITAM Student Branch.



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Visakhapatnam -530045



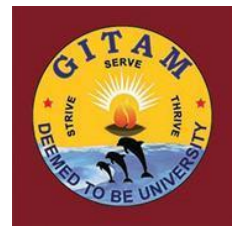


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Visakhapatnam -530045



Event name: “CSI Andhra Pradesh State Student Convention” on theme “INDIA Rising - Embracing Digital Transformation”

Date: 24th & 25th November, 2017

Participation: 550+ students

CSI GITAM Student Branch in association with Department of Computer Science Engineering had organized the CSI Andhra Pradesh State Student Convention on November 24 & 25, 2017 on the theme **India Rising- Embracing Digital Transformation**. The Chief Guest of the convention was Shri R.S.Prasad Rao garu, Director of CtrlS, Hyderabad.





COMPUTER SOCIETY OF INDIA
Student Branch, GITAM Institute of Technology

Institutional Membership Number (I01132)

GITAM

Visakhapatnam -530045



Event name: Workshop on “Cyber Security” by Shri. Venkata Abhinava Devaguptapu, Project Manager - Cyber Security, iB Hubs, Hyderabad.

Date: 24th November, 2017

Participation: 200+ students

CSI Student Branch GITAM in association with Department of Computer Science Engineering had organized the Cyber Security Workshop on November 24, 2017 as a part of the *CSI Andhra Pradesh State Student Convention*.

The featured speaker for the workshop was Shri. Venkata Abhinava Devaguptapu, Project Manager - Cyber Security, iB Hubs, Hyderabad. He spoke about the Impact of Hacking in Cyber Warfare and displayed several techniques commonly used in it and how to secure yourself against them. He addressed popular misconceptions that people have on hacking and introduces the world of cyberspace to the audience.



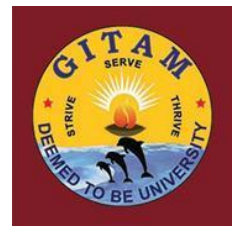


COMPUTER SOCIETY OF INDIA
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Institutional Membership Number (I01132)

GITAM

Visakhapatnam -530045



Event name: Workshop on “Internet of Things (IoT)” by Shri Manikanta Gupta, Project Manager - IoT, iB Hubs.

Date: 25th November, 2017

Participation: 180+ students

CSI Student Branch GITAM in association with Department of Computer Science Engineering had organized the IoT Workshop on November 25, 2017 as a part of the CSI Andhra Pradesh State Student Convention.

The featured speaker for the workshop was Shri Manikanta Gupta is Project Manager - IoT, iB Hubs. He introduced the emerging world of Internet of Things and the career options that arise with it. He explained the basics of IoT and had an interactive session showing the practicalities of IoT.





COMPUTER SOCIETY OF INDIA
Student Branch, GITAM Institute of Technology

Institutional Membership Number (I01132)

GITAM

Visakhapatnam -530045



Event name: “Virtual Reality and Augmented Reality” Workshop by Smt. Kavya, Director, iB Hubs, Bangalore.

Date: 25th November, 2017

Participation: 180+ students

CSI Student Branch GITAM in association with Department of Computer Science Engineering had organized the IOT Workshop on November 25, 2017 as a part of the CSI Andhra Pradesh State Student Convention. The featured speaker for this event was Smt. Kavya, Director, iB Hubs, Bangalore.

She helped everyone understand the intricacies of VR and AR in an interactive session where all the students were given a chance to experience Virtual Reality using a VR Box which they had brought along. They invited everyone to try it and become IoT “**makers**” to help revolutionize the world.



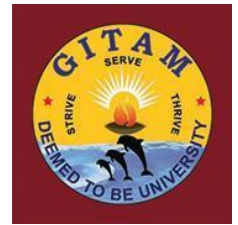


COMPUTER SOCIETY OF INDIA
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Institutional Membership Number (I01132)

GITAM

Visakhapatnam -530045



Event name: Seminar on “Distributed Computing” by Shri. Sumanth Pasupuleti, Senior Software Engineer, Netflix, California.

Date: 20th December, 2017

Participation: 150+ students

CSI Student Branch GITAM in association with Department of Computer Science Engineering had organized the seminar on Distributed Computing. The featured speaker for the event was Shri. Sumanth Pasupuleti, Senior Software Engineer, Netflix, California. Shri. Sumanth Pasupuleti is a distinguished alumnus of GITAM from the 2009 batch. He is the proud recipient of the Gold Medal for academic excellence in the year 2017. He was placed in Microsoft straight out of college for 8 years and has recently joined Netflix, California, in March, 2017.

He began the seminar by highlighting the importance of programming as students of computer science and stressed on the value of the little time which we have outside of academics. He highlighted the importance of time management by sharing his schedule which he followed in college and then in his work life. He also gave an insight to the work culture followed in NETFLIX. In conclusion, he encouraged all the students to get started with Cassandra and Open Source Software Development.





COMPUTER SOCIETY OF INDIA
Student Branch, GITAM Institute of Technology

Institutional Membership Number (I01132)

GITAM

Visakhapatnam -530045



Event name: Workshop on “Cloud Computing”, by Alibaba Cloud

Date: 3rd March, 2018

Participation: 200+ students

A one-day long workshop on “Cloud Computing” was hosted by the Computer Society of India, GITAM Student Branch under the aegis of the Department of Computer Science and Engineering, GITAM Institute of Technology, GITAM, on behalf of Alibaba Cloud, India. The resource persons for the event were Shri Goutham Upadhyaya, Solutions Architect, Alibaba Cloud, and Shri Sai Sharath Chandra, Alibaba Cloud MVP.

The workshop began as an interactive session with Shri Goutham Upadhyaya laying out the foundation of cloud computing with examples of where a developer can leverage its benefits. He introduced several fundamentals to serve as a base to the workshop and involved students with his questions. He further demonstrated how Alibaba Cloud could be used to deploy applications and publish them. The workshop continued with Mr Sai Sharath Chandra recapitulating on the previous proceeding and went on demonstrate a live example of deploying a quick web service in an interactive session with volunteers from the audience. He walked the students through a series of steps to launch a WordPress instance and encouraged everyone to develop and launch their own websites and services.





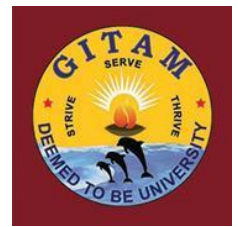
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Student Branch, GITAM Institute of Technology

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GITAM

Visakhapatnam -530045



Event name: CSI Annual Fest “Ethereal 2K18”

Date: 5th and 6th March 2018

Participation: 400+ students

The CSI GITAM Student Branch in association with the Department of Computer Science Engineering had organized the Annual fest named “Ethereal 2k18”. The fest was inaugurated by Professor Siba K Udgata. The Chief Guest delivered the Keynote Address to the gathering, describing several innovative technologies while focusing on Crowd Sourcing. The Crowd Sourcing Model depends on real-time data provided by people on online social networks during certain events taking place. He pulled out calculations of how productive a team of people can be with an appropriate skill-set. He urged people to look for existing solutions for common problems and build creative solutions upon them.

The two-day fest featured a vast variety of technical and non-technical events to promote the talent among students. A workshop on Smart Automation was also be conducted over the two days dealing with technologies based on Internet-of-Things (IoT) and Computational Intelligence.



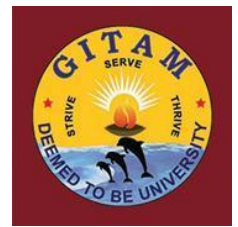


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GITAM

Visakhapatnam -530045



Event name: Expert Lecture on “Cloud Computing and Natural Language Processing”

Date: 9th March 2018

Participation: 80+ students

The CSI GITAM Student Branch in association with the department of Computer Science Engineering organized a seminar on Cloud Computing and Natural Language Processing. The main speaker for the event was Vijay Ponduru, Lead Application Developer, Nuveen Technologies, San Francisco.

He gave an insight on the working of the cloud computing systems and the basics of natural language processing while explaining its relevance in the industry and its scope in the future.



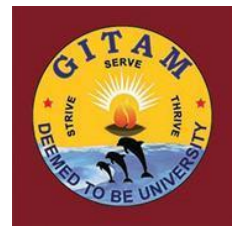


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Visakhapatnam -530045



Event name: Seminar on “Career Guidance and Future Studies”

Date: 21st March 2018

Participation: 100+ students

The CSI GITAM Student Branch in association with the department of Computer Science Engineering organized a career orientation session. The main speaker for the event was Ramaraju, Institute of Foreign Studies (IFS) Consultancy.

This session was completely based on the kinds of opportunities that the students get after their B.Tech life and the scope of the industry. The spokesperson also stressed on the point of government services and the immense competition that is arising by the day. He made the session interactive by taking live examples and one to one talk with the crowd, capturing the student point of view and making it a fun session.