

BITS & BYTES

VOLUME II ISSUE I JANUARY-JUNE 2018

Computer Science Department

E - Newsletter

ABOUT DEPARTMENT

A hard-working student community, a committed faculty and a very healthy work-culture are the basic elements that comprise the Department of Computer Science, the hub of the institute's academia. We hold firm belief in our ability to succeed, and we nurture an attitude of self-reliance, confidence, commitment and responsibility to the motherland that we are to serve. Such is the psychology behind the young and dynamic Computer Science Department.

The Department of Computer Science and Engineering educates and conducts research covering wide areas of information science, from fundamental technologies such as software design, object oriented programming, computer architecture, database system, discrete mathematics, and Internet technologies, which support infrastructures of the highly information-oriented society, to applied and advanced technologies including multimedia, robotics, computer vision, data mining, human-machine interface design, bio-informatics, computational science, life science, distributed computing, and theoretical computer science.

To achieve our mission, we provide attractive educational programs for students to learn from the basics to advanced technologies related to computer science and engineering. Through our educational programs students are expected to become leading engineers and researchers who are highly motivated and have practical, creative, and management skills to drive an advanced next-generation information society in all industrial fields.

DIRECTOR'S DESK

DR. VIKAS MISHRA



I am very happy that Computer Science Department is releasing 2nd Edition of 'Bits & Bytes' as a forerunner of department activities. It is a technical platform to bring out the hidden talents of students and faculty. The major strength of the department is a team of well qualified and dedicated faculties who are continuously supporting the students for their academic excellence.

We have arranged several industrial visits and workshops for our 2nd, 3rd and 4th year students in this semester. The seminars held have been enlightening for both the students and the faculty. The workshops have made our students professionally competent with huge moral values, ethics and leadership qualities that would enable them to serve the society in the best possible manner.

The students have not only academically excelled but have also gained excellence in sports and other extracurricular activities.

The GITS family is an ever increasing family and I feel proud to be a part of it. Congratulations to all the students who have excelled in various fields and good luck to those who are on their way to achieve success.

HOD'S DESK

DR. MAYANK PATEL



It gives me immense pleasure to lead the department of CSE .Our college is one of the premier institutions in the region, unique like a prism reflecting the manifold shades of learning and co-curricular activities. Geetanjali Institute of Technical Studies is striving hard towards the goal of providing innovative and quality education with high standard to achieve academic excellence.

The very motto of our department is to provide quality education. The process of learning is extremely important in life. What you learn, how you learn and where you learn play a crucial role in developing ones intellectual capability, besides career. The excellent infrastructure, teaching faculty of the best kind ensuring quality education such as interaction among students, parents and staff, along with a Training and Placement Cell ensures a bright future to its students. Thus we are

confident that our Engineers will emerge as assets not only to this institution and to the organization they belong, but also to the country at large.

EDITORIAL BOARD

SAILING THE ICY OCEANS...

This new edition of “Bits & Bytes” is another evolution of the department. Students of our department make us sail through icy oceans. We always have bothered about their comforts and they never bothered about sailing through the icy oceans to take the department on to the shores of sunny lands.

In order to give a detailed insight into the modern era of science and its advancements multiple scientific articles have been included.

This edition focuses on the vast field of technological enhancement in computer science. It's been only some decades since computers have evolved and they're already reining our lives. We have explored the upcoming technologies and how they would affect our lifestyles.

EDITOR :-

CHARU KAVADIA (ASSISTANT PROFESSOR, DEPARTMENT OF CSE)

STUDENT EDITORS :-

- ~ GAURI SHRIMALI (1ST YEAR CSE)
- ~ CHINMAY JAIN (1ST YEAR CSE)
- ~ RHYTHM BHIWANI (1ST YEAR CSE)
- ~ ZENEB WAGLA WALA (1ST YEAR CSE)

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STUDENT ACHIEVEMENTS

Going the extra mile...



ABOUT:

Hackathon 4.0, a 36-hour, non-stop coding marathon, is all set to be an effective tool to promote the state government's IT and e-governance initiatives. Spurred by the success of previous editions, the Rajasthan government has announced Hackathon 4.0, a 36-hour, non-stop coding marathon from 19th to 21st March 2018 at University Rajasthan College in Jaipur. The Hackathon is part of the Rajasthan IT Day celebrations, part of the government's endeavour to provide a conducive environment to spur innovation and raise the technical prowess of the state's young people.

No knowledge is useful unless applied. Likely are the students of CSE GITs, who took part in Rajasthan Hackathon, demonstrated their programming and management skills and pulled it off successfully.

The following students participated:

Neeraj Joshi	3 rd year
Sakina Sabunwala	3 rd year
Vinod Sahu	3 rd year
Alisha Wagpura	1st year
Dipendra Gawal	3 rd year
Mukul Tater	3 rd year
Bhaya Mathur	3 rd year
Nirmal Suthar	3 rd year

Smart India Team “NAMZAK” received the price of Rs. 25,000.
The members were:

Ankit Jagan	3 rd year
Arpit Sharma	3 rd year
Kailash Gayari	3 rd year
Mukeshnath Chouhan	3 rd year
Aaditya Sharma	3 rd year
Zenab Wagla Wala	1 st year

Smart India Team “MINISTRY OF TRIBAL AFFAIRS” got 4th rank. The members were:

Naman Sanadhya	2 nd year
Nimit Sethiya	2 nd year
Simmi Pachori	2 nd year
Nilesh Paliwal	2 nd year
Rohit Sainik	2 nd year
Paridhi Bhatnagar	2 nd year



(Team Ministry Of Tribal Affairs)

“GITS NPTEL FELICITATION CEREMONY”

NPTEL i.e. National Programme on Technology and Enhanced Learning. is a joint initiative of the IITs and the IISc. Through this initiative they offer a vast choice of courses and give an in-depth knowledge on each course through online lectures conducted by the professors of IITs and IISc themselves. They together create contents for 100+ courses and distribute it via web based supplements and video courses. The basic objective of science and engineering education in India is to transform India into a strong and vibrant knowledge economy.

No knowledge taken is productive unless we are able to apply it and hence NPTEL offers assignments and exams. The students undertaking these exams are then awarded with a certification. NPTEL certificates do not guarantee a job or a seat for Master's in any of IITs or IISc but if the certificates are presented in interviews for Master's, Research Organizations and Public Sectors, it will be well appreciated. Additional benefits are: the certificates and the reputed college tag on them. Moreover, it sends the interviewer a message that the applicant is a self-driven individual and highly motivated towards his/her goals.

Top notch lectures, competitive assignments and being wallet friendly is a good package for an aspiring engineer offered by NPTEL.

Geetanjali Institute of Technical Studies, Udaipur (Raj.) organized NPTEL Felicitation Programme on 10-July 2018. Students and faculty members were awarded with NPTEL certificate + cash prize. NPTEL toppers were awarded with Rs. 3000/- of cash prize and elite certificate holders were awarded with Rs. 1100/- cash prize and NPTEL certificate.

Sr. No.	NAME	YEAR	SECTION	CERTIFICATION
1	Bhanu Pratap Singh Sisodia	I	A	Participation Certificate
2	Gauri Shrimali	I	A	Elite Certificate
3	Pankhuri Sharma	I	B	Participation Certificate
4	Rhythm Bhiwani	I	B	Elite Certificate
5	Sakshi Sharma	I	B	Participation Certificate



STUDENT PLACEMENTS

Company's with us...



GITS is a well renowned name in the field of Technical Education and Management Studies and directly contributing towards the Overall education Scenario of the Country. We @ GITS Strongly believe in Creating future Technocrats and worthy citizens. The Training and Placement cell works 24*7 for ensuring employment for all the students across various industries and helping them in getting most suitable job.

The Training and Placement cell of GITS centrally handles campus placement of the student. The Placement cell is well equipped with ample Infrastructure such as Interviews rooms, Group Discussion rooms, Computer Labs, Seminar Hall, and Smart Rooms for Conducting Campus Recruitment Drives.

S.NO.	STUDENT NAME	COMPANY NAME
1	ANKIT SAHITYA	Argusoft India Ltd.
2	ARIFA SABEEL	JK Marble Pvt. Ltd
3	ASTHA SHRIMALI	JK Marble Pvt. Ltd
4	SALONI DAGARIYA	JK Marble Pvt. Ltd
5	KIRAN SHARMA	JK Marble Pvt. Ltd
6	ARIFA SABEEL	SSR India
7	IRA MISHRA	SSR India

8	JAYA MEHTA	SSR India
9	DISHANI VIJAY VERGIYA	SSR India
10	MOTANI SAAD SIRAJBHAI	Thrillophilia
11	ANKIT SAHITYA	GKM IT
12	KARTIK AGARWAL	GKM IT
13	VINOD PATEL	Metacube Software Pvt. Ltd.
14	DISHA SHRIMALI	KGK Group
15	DISHANI VIJAY VERGIYA	KGK Group
16	HARDIK AUDICHYA	KGK Group
17	HIMANSHI RATHORE	KGK Group
18	IRA MISHRA	KGK Group
19	JAYA MEHTA	KGK Group
20	NEHA PALIWAL	KGK Group
21	AKHILESH TANK	RadixWeb
22	ARIFA SABEEL	RadixWeb
23	DHEERAJ AGRAWAL	RadixWeb
24	MEGHA JAIN	RadixWeb
25	RICHA PUROHIT	RadixWeb
26	ROHIT GORANA	RadixWeb
27	SAKSHI SHARMA	RadixWeb
28	SALONI DAGARIYA	RadixWeb
29	SRISHTI KHANDELWAL	RadixWeb
30	BHAVIKA SIYAL	Arrowebs Technology

31	ISHITA BHANDARI	Arrowebs Technology
32	MEGHA JAIN	Arrowebs Technology
33	PRATEEK GUWALANI	Arrowebs Technology
34	SHOBHIT LODHA	Arrowebs Technology
35	SIDDHARTH MANGRORA	Arrowebs Technology
36	SIDDHI JAIN	Arrowebs Technology
37	ASTHA SHRIMALI	Jaro Education
38	MANISH REGAR	Hi-Tech iSolutions
39	VINIT GUPTA	Hi-Tech iSolutions
40	AYUSHI BANSAL	Cognus Technology Ltd.
41	ISHITA BHANDARI	Cognus Technology Ltd.
42	SHUBHAM KUMAR	Cognus Technology Ltd.
43	SOURABH VYAS	Cognus Technology Ltd.
44	KIRAN SHARMA	Cognus Technology Ltd.
45	FAKHRUDDIN S PAYRA	Royale Hyundai
46	DEVENDER SUTHAR	Rean Cloud
47	LOVE PUROHIT	Rean Cloud
48	BHAVIKA SIYAL	E-Connect
49	AKANKSHA JAIN	Elite Informatics
50	HARDIKA NANDWANI	Elite Informatics
51	MANISH REGAR	Elite Informatics

CRYPTO CURRENCY

Chinmay Jain
(1st Year, CSE)

A cryptocurrency (or crypto currency) is digital asset designed to work as a medium of exchange that uses strong cryptography to secure financial transactions, control the creation of additional units, and verify the transfer of assets. Crypto-currency is a kind of digital currency, virtual currency or alternative currency. Crypto-currencies use decentralized control as opposed to centralized electronic money and central banking systems. The decentralized control of each cryptocurrency works through distributed ledger technology, typically a block-chain, that serves as a public financial transaction database.

BLOCKCHAIN

The validity of each cryptocurrency's coins is provided by a blockchain. A blockchain is a continuously growing list of records, called blocks, which are linked and secured using cryptography. Each block typically contains a hash pointer as a link to a previous block, a timestamp and transaction data. By design, blockchains are inherently resistant to modification of the data. It is "an open, distributed ledger that can record transactions between two parties efficiently and in a verifiable and permanent way". For use as a distributed ledger, a blockchain is typically managed by a peer-to-peer network collectively adhering to a protocol for validating new blocks. Once recorded, the data in any given block cannot be altered retroactively without the alteration of all subsequent blocks, which requires collusion of the network majority.

Blockchains are secure by design and are an example of a distributed computing system with high Byzantine fault tolerance. Decentralized consensus has therefore been achieved with a blockchain. It solves the double spending problem without the need of a trusted authority or central server.

The block time is the average time it takes for the network to generate one extra block in the blockchain. Some blockchains create a new block as frequently as every five seconds. By the time of block completion, the included data becomes verifiable. This is practically when the money transaction takes place, so a shorter block time means faster transactions.

FUTURE

Gauri Shrimali
(1st Year, CSE)

All of the biggest technological inventions created by man - the airplane, the automobile, the computer - says little about his intelligence, but speaks volumes about his laziness.

- Mark Kennedy

A decade ago, smart-phones were rare and now they are omnipresent. The glowing screens are blinding the eyes. The emerging technology is surrounding humans from all directions. Intuitively, technology is increasing faster than ever. Some of the emerging technologies are:

1] ARTIFICIAL INTELLIGENCE

Artificial intelligence (AI) is an area of computer science that emphasizes the creation of intelligent machines that work and react like humans. Some of the activities it includes are speech recognition, learning, planning and problem solving.

A recent edition of Times Of India announced the upcoming of unique question papers for JEE and NEET examinee. Question setters would undergo psychometric tests based on the results of analysis of past question papers. Adaptive testing to ensure questions get tougher or easier depending on the past answers is one of its features. No cheating would be possible since questions would be picked randomly for each student.

This is a great example of entanglement of education and emerging technology which gives us a gist of future.

Siri, Google Maps, Netflix, Spotify are few of many examples that use AI to interact with users. Creating taste groups, analyse a person's day-to-day activities and henceforth taking decisions are some of the wonders AI does which feels like magic.

2] INTERNET OF THINGS

Internet of Things (IoT) is the concept of connecting any device to the Internet and to other connected devices. The IoT is a giant network of connected things and people – all of which collect and share data about the way they are used and about the environment around them.

IoT has made revolutionary changes in education by supplementing textbooks. These days many textbooks have QR codes. Students can scan these codes using their smart phones to access additional knowledge resources, in addition to assignments and feedback. Children with weak eye-sights would have access to special cards that would be detected automatically and would lead to enlargement of font each time they use computers. This would therefore result in increase of self-confidence and independence. An end to the teacher yelling children's names for attendance as IoT opens doors for automatically detecting the presence of a student. IoT has made education simpler and faster.

Wouldn't you love if you find the AC already switched on before you enter your home after work or don't have to worry about switching the lights on and off? In the near future, internet to our lives would be equivalent to gravity to earth. Leading technology research and advisory company Gartner predicts that there will be nearly 21 billion connected things all over the world by the year 2020. The number has been put at 30 billion by ABI Research.

The future is nearer than ever!

“Improving Customer Experience by Integrating ERP, IoT & CRM”

16th April 2018



Microsoft
Dynamics 365



ABOUT THE SEMINAR :

The objective of the seminar was to introduce the audience to the Customer Relationship Management Platform and its importance. This seminar focused on how the integration of ERP with CRM helps in retaining the customer base across the online business environments. The customer experience plays a vital role with respect to any online commerce environment where the focus of the organizations is primarily to support the customers in all possible ways so that they would not migrate to other service providers. The data pertaining to the customers greatly helps in predicting the requirements of the customer thereby helping the organizations to serve them better.

This seminar shedded light on the strategies and techniques for effective handling of customer data generated through IoT. Attendees learned about tools like Microsoft Dynamics 365 and the ways they shook hands with an ERP platform to support the customers.

HIGHLIGHTS OF THE SEMINAR :

- ◆ Introduction to CRM
- ◆ Microsoft Dynamics 360 platform highlights
- ◆ Customer data handling and decision making
- ◆ Integration of ERP & CRM
- ◆ Using IoT interface for data collection and Data Analytics.

“Android Application Development”

January, 2018



ABOUT THE SEMINAR :

The objective of the seminar was to introduce the audience to Android which is an operating system designed for the phones, tablets and has taken the mobile internet to a different level.

This applied science is widely used by the people and is open source software. Android was established by the android company of California in 2003 by Andy Rubin, the foremost intention of the company was to develop a highly developed system for cameras but later moved towards the smart-phones. This seminar focused on opening levels for mobile devices and furnish well experience devices for customers at cheaper rates.

This seminar guided on how developers can write and successfully publish any kind of application they want. The art to choose between a variety of application distribution mechanisms was taught and because of that the developers can pick methods that they like instead of being forced to play by other's rules. The distribution of applications to users was also focused on.

“Impact of Online Testing Platforms in Improving the Employability of Engineering Graduates”

25th January 2018

ABOUT THE SEMINAR :

Department of CSE at GITS organized a one day seminar on **“Impact of Online Testing Platforms in Improving the Employability of Engineering Graduates”** for 2019 batch CSE students on 25th January 2018. The seminar was delivered by experts from **CoCubes**, Jaipur.

CoCubes is an online testing platform that enables continuous assessment of student skills across the four years of their engineering course. Each year students are assessed on a specific portion of their curriculum that has relevance to the industry requirements. Such a testing platform greatly helps the students in understanding their skill level and the position they stand in comparison to the students at the National Level.

The facilitators demonstrated the student interface and the various stages of the test to be taken by the students. They also highlighted the administrator's interface on how it helps to identify on which skills the students are lacking and how to bridge the gap through training.

Dr. V.R Raghuveer, HOD CSE, concluded the workshop by briefing the possibilities of getting exposed to the corporate world through these platforms and the need for upgrading the technical skills to improve the employability.



International Seminar on Software Product Management and Digital Media Applications

Geetanjali Institute of Technical Studies (GITS) Dabok, Udaipur has organized one day International Seminar on the **Software Product Management and Digital Media Applications** by Department of CSE and MCA on 18th April 2018.

GITS director Dr. Vikas Misra conveyed that the main motive of the said seminar is too made known to forth coming Engineers regarding new technology and to introduce the audience to the Software Product Management and Digital Media Applications. This seminar highlights the importance and role of software product management.

The one day Seminar on **Software Product Management and Digital Media Applications** was conducted under the supervision of Dr. V. R. Raghuveer (HOD, CSE) and Mr. Hemant Sahu (HOD, MCA). The seminar was addressed by **Mr. Praveesh K. Pandey, (Co-founder and COO iOnImagineMedia, San Diego, CA, USA)** to the Participants. They conveyed that now a day's industry dependency on computer and Software are increasing. They explain the value of process, requirements, planning, and monitoring in producing better software.

The Digital Media Module provides a foundation for all media design activities. The audience is introduced to theories, methods and practical processes involved in time-based and interactive media production. The module encourages audience to adopt an analytic, creative and ethical approach to the resolution of basic media design problems. The module of seminar integrates theoretical and practical aspects of design processes in the four specializations of Digital Media.

On this occasion Mr. B L Jangir - GITS Finance Controller, HOD CSE Dr. V.R Raghuveer, HOD MCA Hemant Sahu and Faculty member of GITS were present.



WORKSHOPS

Beyond The classrooms...

5 Days Android Application Development Workshop

Department of CSE GITs organized a 5-day Hands-On Workshop on Android Technology for III-year CSE students from 5th Feb to 9th Feb 2018 followed by one day Hackathon. The workshop was delivered by android facilitators of **Google Student Developers Club, Udaipur**. A number of 75 students of III year had attended this workshop and developed five android applications for local business solutions each day. The attraction of workshop was last day Hackathon, in which students identified the social problems like online diagnosis of diseases for the people of rural areas, e-governance like sending your feedback to government and many other aptitude related game base applications.



All these applications have been submitted to Google and students who have developed best applications will be recognized by them. These recognized students by Google will be nominated as members of **Google Student Developers Club, Udaipur** as local chapter of GITs.

Arpit Sharma, a student of III year CSE has been nominated as teaching Assistant for GITs local chapter of Developers club. He will be delivering Android workshops later on for the upcoming batches of CSE & start encouraging them to use android application to solve social problems of rural areas. We are very happy to announce the starting of this chapter @ GITs and wishes good luck to all students who had submitted their efforts to Google.

Dr. V.R Raghuveer, HOD CSE, concluded the workshop by briefing the all applications developed by students during Hackathon. We are thankful to Dr. Vikas Mishra, Director GITs and the management for supporting us in organizing this workshop. The workshop was coordinated by Mr. Girish Ameta, Assistant Professor CSE GITs.

10 Days workshop on NODE JS with IoT

Department of CSE GITS organized a 10-day Hands-On Workshop on **“NODE JS with IoT Technology”** for 2018 batch CSE students from 5th Feb to 15th Feb 2018. The workshop was delivered by Node JS facilitators of Shreyanshi Consultancy Pvt. Ltd. (Microsoft Authorized Education partners), Jaipur.

NodeJS a powerful tool for controlling web servers, building applications, and creating **event-driven programming** and it brings **JavaScript**, a language familiar to all web developers, into an environment independent of web browsers.

The facilitators demonstrated the key concepts and practical ideas of the web application development. In particular, they explained the Execution Flow - Controllers, Data-Binding, Architecture – Dependency Injection, Expressions, Directives, Filters, Events and Modules. 50 students of IV year had attended this workshop and developed Six applications for local business solutions using IOT. The Workshop was very much interactive and appreciated by all the students with a positive feedback.

Dr. V.R Raghuveer, HOD CSE, concluded the workshop by briefing all applications developed by students during Hackathon. The workshop was coordinated by Ms. Shruti Porwal and Ms. Shruti Jain, Assistant Professor CSE GITS.



iOS Application Development

Department of Computer Science GITS had organized a 1-day Workshop on **"iOS Application Development"** for III-year CSE students on 11th March 2018 Sunday. The workshop was delivered by Mr. Abhishek Darak, Senior Mobile Application Developer working in Industry. Mr. Abhishek has 7 years of experience in Android and iOS Application Development in various IT companies.

Students of 2019 batch B.Tech CSE have attended this workshop and developed two **iOS applications for local business solutions**. The attraction of workshop was the hands-on session given on iMac & MacBook machines for the students.

Dr. V.R Raghuveer, Dean R&D, HOD CSE, concluded the workshop by briefing the importance of iOS Application in today's technical era as the increasing number of iOS users in market. He insisted the students to utilize the **iOS Development Lab** established in the Department of CSE to develop innovative applications that can solve societal issues. We are thankful to Management of GITS for their support in organizing this workshop. The workshop was coordinated by Mr. Girish Ameta, Assistant Professor CSE GITS.



**GEETANJALI INSTITUTE OF TECHNICAL STUDIES, UDAIPUR**
(Affiliated to RTU, Kota and Approved by AICTE, New Delhi)



Department of Computer Science & Engineering

Presents

2 Days Hands-on Workshop
on
"iOS Application Development"

for "B.Tech II and III Year CSE Students"

Schedule: 11th and 18th March 2018
(Sundays)

Resource Person:
Abhishek Darak, Senior Mobile Application Developer

 **iOS**

International Workshop on “Building web Applications Using AWS”

Department of Computer Science at GITS organized a Workshop on **“Building web Applications Using AWS”** for B.Tech CSE students on 26th and 27th March 2018. The workshop was delivered by **Mr. Sanket Dangi, Head Managed Services, REAN CLOUD USA**. Mr. Sanket has 8 years of experience as solution architect on Amazon Web Services and other cloud platforms.

A total 70 number of students B.Tech CSE attended this workshop and launched different configured servers over AWS cloud. Students then hosted their web applications over these configured servers virtually. The attraction of workshop was the hands-on session given on AWS cloud in which complete virtual image was taught to the students.

Dr. V.R Raghuveer, Dean R&D, HOD CSE, concluded the workshop by briefing the importance of cloud infrastructure in today's technical era as the increasing number businesses are migrating to cloud in market. Our own being undergraduate. Mr. Girish Ameta, coordinator of the workshop demonstrated one of live project entitled **“Smart Editor: Converting Text Images into Editable Documents along with language translator and compiler”** developed by team including Mr, Devendra, Mr. Love, Ms. Ayushi and Ms. Bahvika of final year. He demonstrated the technology stack used by the team.

We are delighted to announce that our two undergraduate students Mr. Devendra and Mr. Love Purohit are already working with **REAN cloud** as interns.

We are thankful to Management of GITS for their support in organizing this workshop. The workshop was coordinated by Mr. Girish Ameta, Assistant Professor CSE GITS.



National Workshop on Big Data Analytics using Machine Learning

Big Data National Workshop went extraordinarily well with a strength of 80 students and 10 faculties.. There were participants from institutes like SS, Sunrise, Sangam University and CTAE. The session has given the insights into the importance of Big Data and the way it effects on the predictions being made towards improving the business. Students of MTech CSE found it to be very much interesting as they are in the project stage and were very much eager use MATLAB as a tool for their data analytics work in their project. The research scholars of GITS who are pursuing their Ph.D. work under the supervision of Dr. Raghuveer on Data analytics for Agriculture and Health care got exposed to the technical advancements of MATLAB tool and its extended support for doing Machine learning based predictions.

Dr. Raghuveer, Dean R&D, HOD CSE highlighted the importance of critical thinking among the students. He highlighted the role of AI in cutting down repetitive jobs in the job market and advised the students to think of potential applications that can boost up the productivity of an organization and improve the quality of living.

The session ended with thanking the expert from MATLAB Mr. Amit Doshi, Senior Applications Engineer, Math Works for having spent his valuable time in educating the students the importance of Analytics tools for prediction.



SPORTS

Hitting the home runs...

As they say, "You're half way to success the moment you participate". The students of GITS not only excel in academics but also actively participate in sports. They've tasted both winning and losing but the zeal of participation is still the same, and may one say, even more.

NAME OF THE STUDENT	TOURNAMENT	YEAR	ORGANISED COLLEGE	RESULT
Abhimanyu Singh	Cricket	23-25 Feb-2018	All India Sports Meet MNIT Jaipur	Participate
Dheerendra Solanki	Cricket	23-25 Feb-2018	All India Sports Meet MNIT Jaipur	Participate
Shailesh Prajapat	Cricket	23-25 Feb-2018	All India Sports Meet MNIT Jaipur	Participate
Divyansh Paliwal	Volley Ball	23-25 Feb-2018	All India Sports Meet MNIT Jaipur	Participate
Siddharth Jain	Volley Ball	23-25 Feb-2018	All India Sports Meet MNIT Jaipur	Participate

Sudeep Nagda	Volley Ball	23-25 Feb-2018	All India Sports Meet MNIT Jaipur	Participate
Nirmal Suthar	Table Tennis	23-25 Feb-2018	All India Sports Meet MNIT Jaipur	Participate
Vikalp Chakravarti	Table Tennis	23-25 Feb-2018	All India Sports Meet MNIT Jaipur	Participate
Kaushit Shambwani	Table Tennis	23-25 Feb-2018	All India Sports Meet MNIT Jaipur	Participate
Divyansh Paliwal	Volley Ball	19-21 –Jan-2018	La Union Sport Fest Sangam University, Bhilwara	Winner
Shahastra Rawal	Basket Ball	19-21 –Jan-2018	La Union Sport Fest Sangam University, Bhilwara	Participate
Akshay Jain	Basket Ball	19-21 –Jan-2018	La Union Sport Fest Sangam University, Bhilwara	Participate
Dheerendra Solanki	Cricket	14-25 Feb 2018	Inter University Barktulla University	Participate



(La Union Sport Fest Sangam University, Bhilwara , 19-21 -Jan-2018)



(All India Sports Meet MNIT Jaipur, 23-25 Feb-2018)

CULTURAL ACTIVITIES

Farewell Party Bon Voyage-2K18

College Farewell parties are always an exciting affair and bring alive a lot of happy memories. Students are emotionally attached with college atmosphere after four years long course. So it's an emotional moment for any student leaving the college and stepping into new phase of life.

Geetanjali Institute of Technical Studies's Computer Science department organized a farewell party (**Bon Voyage-2K18**) for their Final year student. The function started by welcoming the Final year students of CSE with Tilak ceremony & presented roses as a token of love. The girl students were adorned in Evening Gown, the boys complemented them in formals. The event comprised of several dance and singing performances & to make the event more entertaining & engaging a game was also played. The seniors shared their experiences during the stay in GITS. The main Attraction of the event was the fashion show put up by the juniors to give the seniors an opportunity to showcase their talent on the ramp wherein the aspirants were adjudged for Mr. and Miss farewell by a panel of Judges. Finally, after two rounds, the judges declared the names of winners. **Mr. Devendra Suthar as Mr. Farewell** and **Miss Ayushi Bansal was titled as Miss Farewell -18.**

GITS Director Dr. Vikas Misra, Vice Principal Dr P C Bapna and Head of the Department (CSE) Dr. V R Raghuveer congratulated the winners and presented mementos & title sashes to the winners.

Finally, the event closed with presenting the gift & titles to each student of outgoing batch as a token of love & wishing their bright career & happy life ahead. It was followed by vote of thanks & Dinner.



UNTIL NEXT TIME...

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