

Glimpse - e-Newsletter, Department of Computer Science & Engineering

Message form HOD

Program Educational Objectives:

- **PEO 1.** Graduates will pursue their career in global domain for software development with proficiency in analysis, design, coding, testing, deployment and maintenance of systems and application software.
- **PEO 2.** Graduates will demonstrate professionalism with effective communication skills, leadership qualities, teamwork, ethical, economic, cultural, environmental issues related to multidisciplinary projects for resolving social issues.
- **PEO 3.** Graduates will enhance knowledge & skills through higher studies and continuously adapt new computing technologies for attaining professional excellence and research.
- **PEO 4.** Graduates will drive scientific and societal advancement through technological innovation and entrepreneurship



**Dr. Santosh Vishwakarma
Professor & HoD**

Our students and faculty members continue to make progress in cutting-edge research. Many have received recognitions as well as research grants. More efforts have been directed towards the activities leading to societal benefits, whether to help promote diversity, bring low-cost solutions to developing countries, make contributions to health care quality, or develop technologies for citizenship. In this issue we present Initiatives taken by student ambassadors of Microsoft, TCS and Mozilla Club for Society.

Our connections with departmental alumni have been strengthening. We hope to continue engaging alumni to assist the Department in achieving its goals. I hope you enjoy reading this issue of newsletter as in the past. Please let us know your stories and suggestions.



Vision:

- To be an innovative and research oriented leading education centre in computer science and engineering.
- To produce skillful and employable computer science graduates to meet upcoming social challenges with moral and ethics.

Mission:

- To impart intensive, innovative teaching and training through state of art technology for achieving excellence.
- To associate with industries for identification of social needs and seize opportunities for software development in live training and sustainable projects of social challenges.
- Continuous knowledge up-gradation of students, staff, faculty through research, trainings, seminars, workshops, conferences, webinars and higher studies.

Inside this issue:

Vision	1
Mission	1
Program Educational	1
Smart India Hackathon	2
TCS CampCorp Club	3
Microsoft Student Part-	3
Dell Campassador Pro-	4

Smart India Hackathon 2017



- Our Hon'ble Prime Minister, Shri Narendra Modi, envisages a Digital India to bridge the digital divide in our country and further promote digital literacy in order to make development a comprehensive mass movement and put governance within everyone's reach in India. In order to work towards our PM's vision, **MHRD, All India Council for Technical Education (AICTE)**, Inter Institutional Inclusive **Innovation Center (i4C)**, and **Persistent Systems** organized Smart India Hackathon 2017, a unique initiative to identify new and disruptive digital technology innovations for solving the challenges faced by our country. The initiative was a huge success.



- **Team Appslash** that includes **Abhyuday Shukla (Team Lead)**, **Anchita Mishra**, **Chanchal Namdeo**, **Dravi Jain**, **Avinash Kumar Upadhyay**, **Shubham Singh Rajput** of **B.E. CSE, GGITS (Batch 2014-18)** secured "Fourth Rank" at Grand Finale of National level Technical Event-Smart India Hackathon- 17 at JSS College of Engg. Noida".

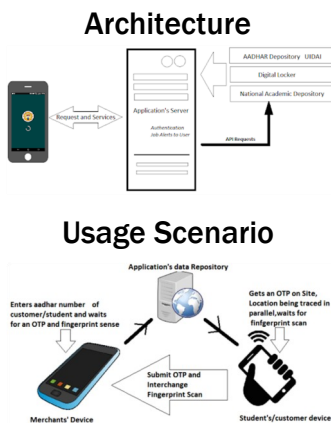


Team Appslash with Honourable Chairman of AICTE, Dr. Anil Sahasrabudhe and Dr. N. Siddhalingaswamy, Director, e-Governance at AICTE. At SIH17 Grand Finale, Noida

"IT is Shaping the World."

"Be a Part of IT"

Introduction to Winning Project of Appslash at SIH2017: AICTE One Point Student Verification



The Working model brings 3 national data repositories (the UIDAI, the National Academic Repository (NAD), and the Digital Locker) under one hood encompassing the Aadhar ID and the Academic data of a student to provide paperless verification facility at AICTE accredited institutions on the go by biometric fingerprint recognition on the android platform mobile application. Also tracks one's academic qualifications and on-goings, and analyze data to forecast future employment needs as per scenario in the present domains. Notifies the users (students) on a demanded interest for a course or a job. This verification scheme shall ensure the data consistency over the academic and demographic data of an individual and shall prevent usage of duplicate/forged documents as the verification process sticks its lookups and cross-checking schemes through the genuine government provided repositories. Due to involvement of digital locker all the documents (Digital Certificates) are available to be passed on as a copy for the verifying organization whenever verification takes place.

TCS CampCorp Club Initiatives

Pehel "EknaiSubah" is an initiative by TCS CampCorp Club of Gyan Ganga Institute of Technology and Sciences Jabalpur (M.P.) to acknowledge and honor the hard work of all the helping hands of our Gyan Ganga Group of Institutions. This is an event to show how grateful we are to the gardeners for making our campus look so beautiful, to the guards for always being alert and making the students and teachers feel safe and secure, to the sweepers for keeping the college campus so clean. Pehel is an initiative to thank all of them for everything they do for the college. CampCorp team thanked them through this event for their consistent hard work by dedicating this event to them and making them feel special.

First pehel was organized on 27th October 2016. A special skit "Kyahota Agar" was prepared by the students and many other performances for our helping staff to enjoy as an audience. The students portrayed the important role each of the helping staff plays in maintain the college. This Pehel ended with the distribution of sweets and shawl to all the helping staff from the management members of the college.



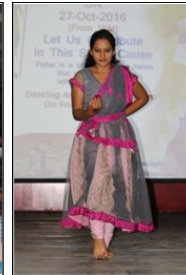
TCS CampCorp Members



Audience at Pehel Event



Distribution of sweets and shawls by college Management Members



Performances by Students of GGITS

Same tradition was followed in 2017. Pehel left a very positive remark on all the helping staff of Gyan Ganga Group. They felt appreciated and special which was the whole motive of this initiative. TCS Camp Corp members feel proud of taking this initiative and seeing it grow every year.

"The greatest good we can do for another is not just share our riches, but to reveal to them their own."

Microsoft Student Partners

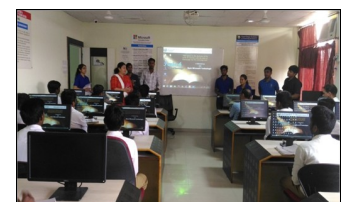
Microsoft Student Partners are on-campus student leaders with a passion for sharing technology with their classmates. Gain leadership experiences, build career skills, and get exclusive access to the most innovative Microsoft people and technologies.



Microsoft Student Partners with Mr. Nischay Kandpal, Microsoft Educator Ambassador.



Workshop taken by Microsoft Student Partners at Don Bosco School on Basic Microsoft Technologies



A workshop named **Prakash "Light of Knowledge"**, for teaching students of class 11th & 12th about Basic Microsoft Technologies.

Dell Compassador Program (2017-18)



Welcome Kit from Dell

What is Dell Compassador Program all about?

Dell Compassador program is the first, year-long pan India college engagement program aimed at spreading technology and PC knowledge among the college going youth.

Chosen after a rigorous selection process, a Dell Compassador gets the golden opportunity to represent Dell on their college campus, and engage with their peers to showcase the value of personal technology for personal and professional growth. We aim to build leaders out of students and Dell Compassador is a unique springboard for the youth to showcase their talent. Right from diving into the excitement in your campus and pulling your friends into an arena for fun filled activities to taking part in insightful sessions and live projects. It's a chance to connect with the student community, showcase the talent, gain invaluable learning along the way and lead from the front.



Activity 1 :

Dell Compassador Chain Contest

In this contest we recreated the Dell logo by forming a Human Chain



Activity 2 :

Dell Aarambh

As the world celebrated Computer Literacy Day on 2nd December, we at Dell aim to take the knowledge of PC far and wide through our PC Literacy Day initiative. Shared basic knowledge about computer with the Safai Karamcharis of my college.



Gyan Ganga Institute of Technology & Sciences

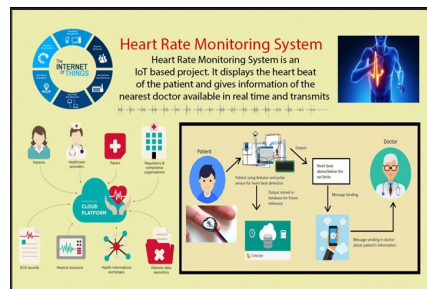
P.O. Tilwara Ghat, Near Bargi Hills,
Jabalpur (M.P.) - 482003

Phone: 0761-2671551/80/72

Fax: 0761-2673605

E-mail: ggitsjabalpur@yahoo.com

Committed for Excellence



Activity 3 :

The Big Data Contest

The Project got selected in top 10 Start-Up ideas. Pictorial Representation of "Heart Rate Monitoring System"



Activity 4:

DELL GAMING ARENA

The Dell club of Gyan Ganga Institute of technology and science organised DELL GAMING ARENA. In this gaming competition, the games : Counterstrike Go, Tekn 7 and NFS were played by the participants. The laptops for the same purpose were provided by Dell. As an incentive official Dell certificates were provided to the participants.

www.ggits.org/cse