

# Gautam Buddha University



## ICT

Department of CSE &  
ECE

Skilled  
professionals in  
emerging areas of  
Technology

Developing ethical  
leaders with a global  
mindset striving for  
inclusive growth

**Developing  
progress,  
fostering  
innovation**

Placement Brochure, SoICT

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# ABOUT THE UNIVERSITY

Since its establishment in 2008, Gautam Buddha University has constantly been in the pursuit of becoming one of the most renowned technological institutions in the country. The university was set up with the objective of providing quality education while sensitivizing students towards the advancement and needs of the society .

**Vision :** To drive academic excellence and promote research for the overall betterment of the society

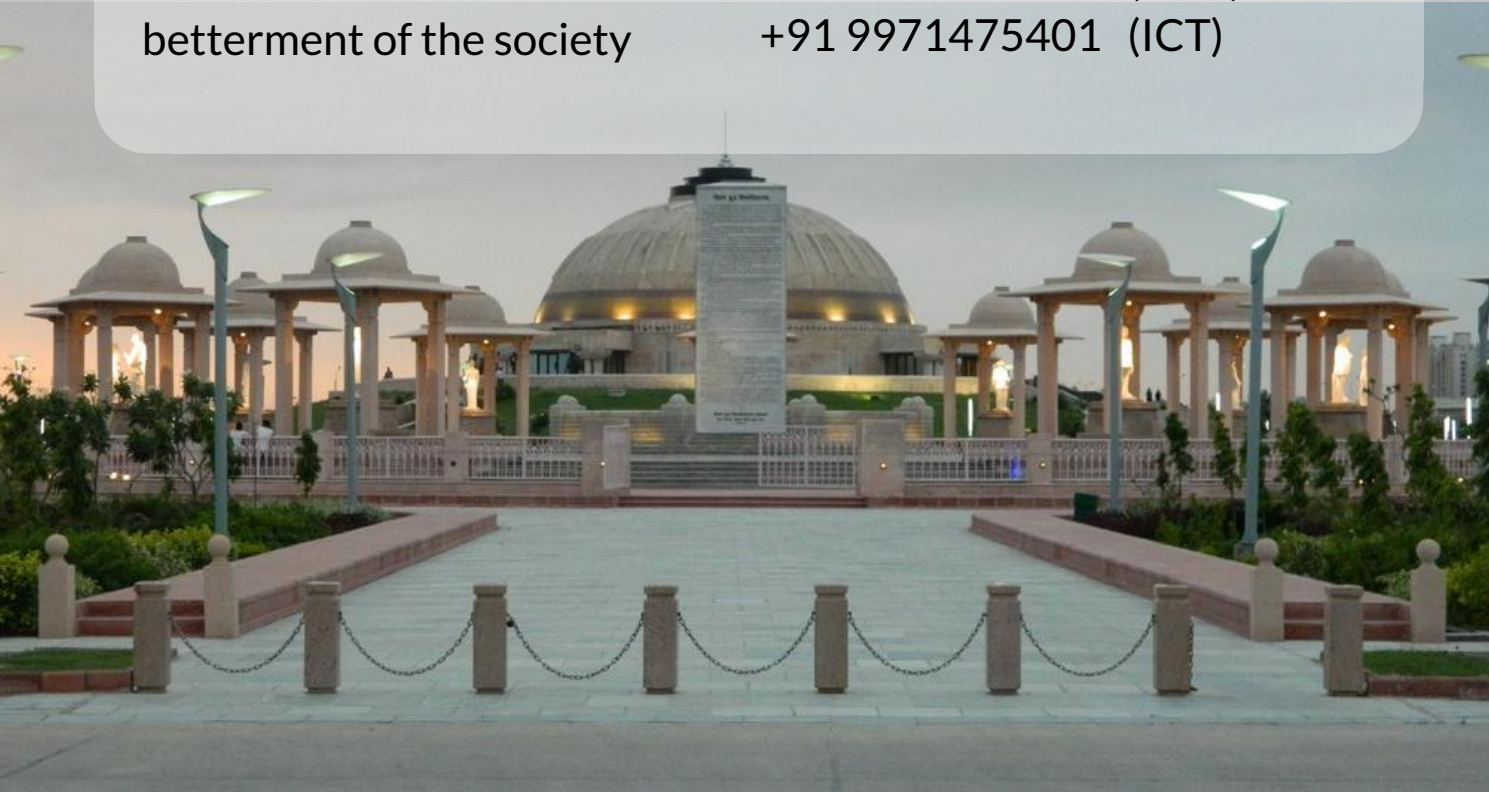
**Contact us:**

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GAUTAM BUDDHA  
UNIVERSITY



## ABOUT SOICT

School of ICT was established as one of the key centers of Gautam Buddha University with the perspective of carrying out teaching and research. The School offers opportunities to the graduates to contribute in the rapidly advancing areas of Computer Science, Information Technology and Electronics and Communication Engineering, and its applied fields. It consists of three sub departments namely - CSE, ECE and IT.

All the departments also offer Ph.D research degree in the area of interest.



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### Undergraduate Courses

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We offer three undergraduate courses at SolCT, covering more than 65 subject areas. For the full list of courses, you may visit our website.

- Computer Science Engineering
- Electronics and Communication Engineering
- Information Technology

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### Post Graduate Courses

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We offer six post graduate courses at SolCT, covering more than 30 subject areas. For the full list of courses, you may visit our website.

- VLSI Design
- Wireless Communication Network
- Intelligent System and Robotics
- Software Engineering
- Embedded Systems
- Computer Science

# Message from the Vice Chancellor

As the Vice Chancellor of GBU, I am privileged for the opportunity to lead this elite School of Gautam Buddha University. We have articulated this phenomenal School in three academic departments. These departments are enriched with exceptionally competent distinguished faculties, well organized industry-academia emphasized curriculum for scholarly programs, progresses in avant-garde research and development, and highly expedient research facilities.

The high quality and dedicated faculties, with international and national exposures, are the backbone of our School. The faculties here bring with them innovative interdisciplinary perspectives to address the applied research. For providing full potential skills among students, our faculty members are strongly committed in both teaching and research; they not only mentor the students but also motivate them in full.



At the School of Information and Communication Technology, we provide vigorous ambient that highlights academic perfections with great practical approach, innovation, and collaboration. Comprised of one division and three departments as Electronics and Communication Engineering, Computer Science and Engineering and Information Technology. These departments offers a wide spectrum of highly specialized full-time five years integrated B.Tech and M.Tech, and two years M.Tech programs like VLSI Design, Wireless Communication & Network, Software Engineering, Embedded Systems, Computer Science, and Intelligent Systems & Robotics. The School has also started four years B.Tech program in Information Technology (IT), and Electronics & Communication Engineering (ECE). The school is receiving good quality graduating students every year and they are almost ready to be committed frontiers of society and your organization. I recommend them eagerly for your consideration.

- DR. PRABHAT KUMAR  
Vice Chancellor, GBU

## ALUMNI NETWORK

Our programs are designed to enhance education by supporting physical and emotional well being with an array of resources designed to foster personal and creative development, a community and opportunities to help students succeed in their career.

## CAREER DEVELOPMENT

Through the delivery of professional development workshops, guest lectures, career counseling, alumni mentorship and experiential education, we strive to provide a campus environment that nurtures the individual curiosity and creativity of our students.

## LEADERSHIP PROGRAMS

SOICT students will work in settings requiring not only strong art and design skills, but also leadership. They have the ability to collaborate with others who do not always share similar life experiences, values or histories.



## WORKSHOPS

Various workshops on IBM-DB2, NS-2, MEMS Design, Sensors & Actuator Design, CISCO Networking Equipments, Analog and Digital VLSI Design Flow, Custom and Semicustom Design ( Backend, Frontend to GDSII Generations), Software technologies and reliability engg, Cloud computing, Android, Reliability Engineering, Big Data and Embedded Systems have been conducted to train students with the current market requirements.

# WHY RECRUIT @ SOICT, GBU?

## INTERNSHIPS

Our alumni and industry network provides students with access to internship opportunities in some of the best firms across the country.

## HIGHER EDUCATION

Each term, graduating students are given the opportunity to network with professionals from top companies and startups looking to identify talent for current or potential job openings.

# Faculty

**Dr. Indu Uprety.**

Dean (I/C) School of ICT

**Prof. Anil Kumar Gautam**

PhD (ECE, IIT-BHU), BE  
Antenna & Microwave Design,  
UWB & Reconf. Antennas

**Dr. Rajesh Mishra (HOD ECE)**

PhD (ECE IIT-Kharagpur);  
M.Tech (IIT-Kharagpur); BE.  
N/W Reliability & Prediction,  
Analysis and Design

**Dr. Vidushi Sharma (HOD CS)**

PhD (Computer Science)  
Information Systems and  
Networks, IT Applications Mgm

**Dr. Anurag Singh Baghel**

PhD (CS), M.Tech.  
Evolution Algorithms, AI

**Dr. Gurjit Kaur**

PhD, M.E. (ECE, PEC), B.E  
Optical communication

**Dr. Pradeep Tomar**

PhD (Computer Science)  
Component Based Software  
Engineering

**Dr. Neeta Singh**

PhD.(Computer Science)  
Wireless Communication  
Networks, Mobile Components.

**Dr. Arun Solanki**

PhD (CSE), M. Tech.  
Search Engines, Web Crawlers

**Dr. Sandhya Tarar**

PhD (CSE), M.Tech., B.Tech.  
Computer Vision, Image  
Processing, Web Mining,  
Software Requirement Engg.

**Dr. Navaid Zafar Rizvi**

PhD (ECE), MS (TUD, Ger.),  
MS (HFU, Germany), BE  
HF Electronics & Comm., VLSI  
and MEMS Design

**Dr. Sandeep Sharma**

PhD (ECE), ME, BE  
Digital Communication  
Embedded Systems, Wireless  
Sensor Networks.

**Mr. Vimlesh Kumar**

PhD (ECE, pur.), MTech, BTech  
Wireless & AdHoc Network

**Mr. Rajendra Bahadur Singh**

PhD (ECE, pur.), MTech, BTech.  
Microcontrollers, VLSI Design

**Ms. Aarti Gautam Dinker**

PhD (CS. pur.), MS, B.Tech (EC)  
Cyber Law and Information  
Security, Information Technology

**Ms. Priyanka Goyal**

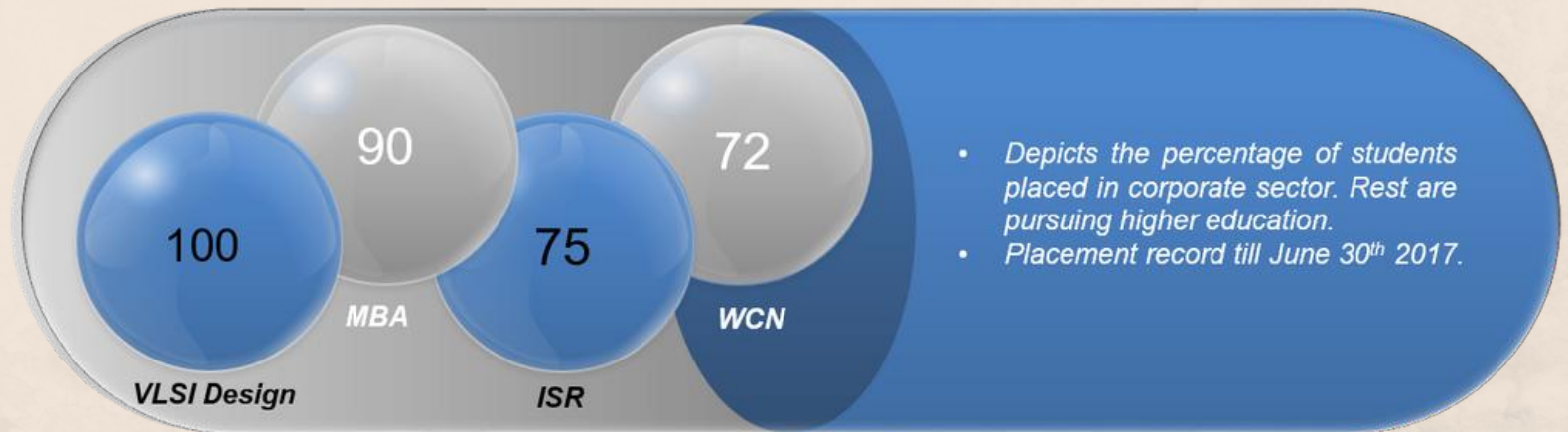
PhD (ECE, pur.), MTech, BTech.  
VLSI Design, Optical Circuits.

**Ms. Nidhi Gulati**

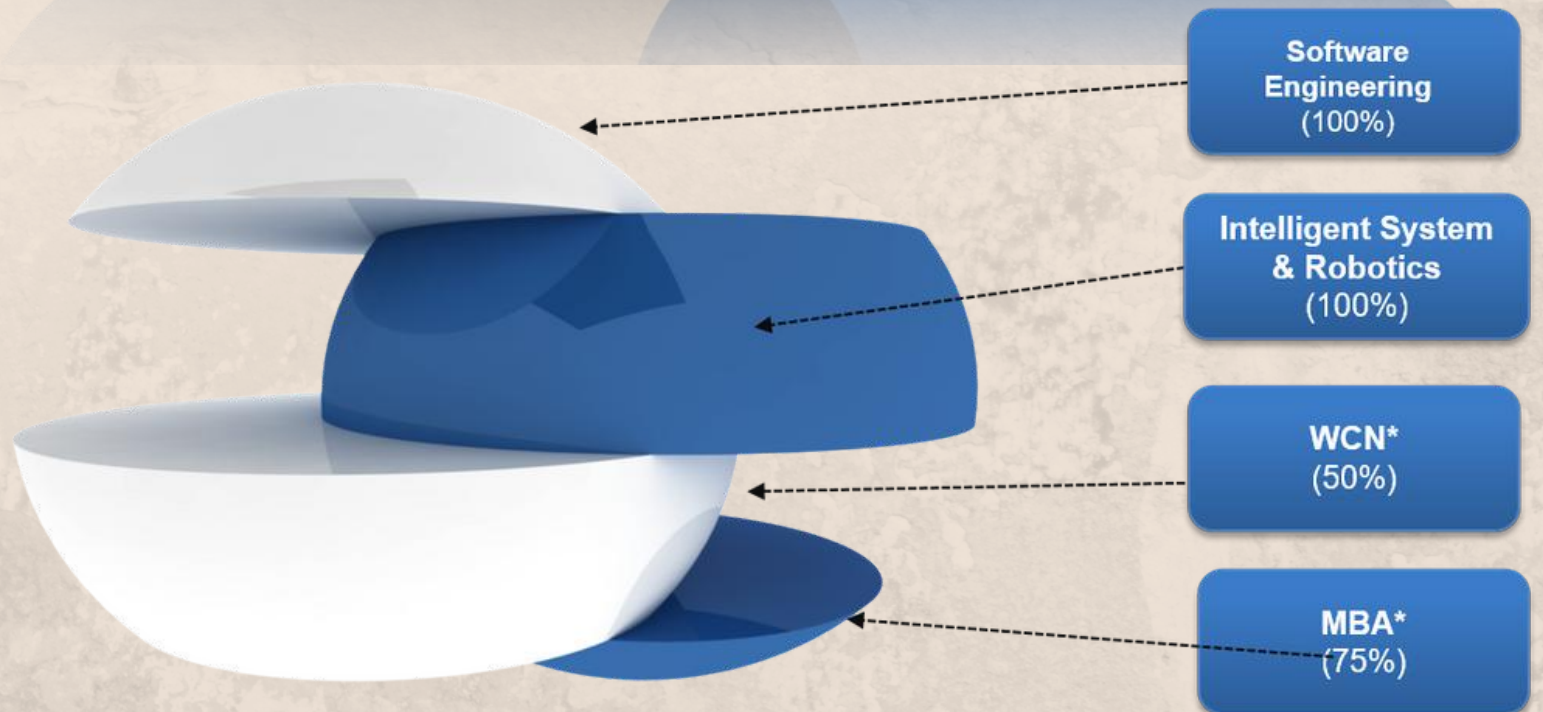
PhD (CSE, pursuing)  
Cloud Computing, Software An.

# Placement Demographics

Batch of  
2017, ECE



Batch of  
2017, CSE



Highest Package: 11 LPA

# Student Activities

The students of SoICT love to participate in various co-curricular and extra-curricular activities, thereby ensuring a very strong all round development of their personality. Many groups of like minded students have formed various societies in order to pursue their interests. The tech-savvy students have formed various clubs related to technology

Some of the firmed groups are:

**Robotronics Club:** A society which conducts regular workshops and combines the robotics with electronics along with the "RoboWars" for the "Robo" freaks,

**Programming Club:** A society, especially for the coders, to explore new possibilities in programming and to put their skills to test at the very same time. It organises various coding competitions at national and international levels giving the young programmers a wide exposure. From first year itself, the students are encouraged to take up advanced projects and showcase them to the whole college. In 2016, the School of Information and Communication Technology published its first newsletter with the contribution of many students and faculty. The newsletter highlights the achievements and activities of the School. These include the key technologies of the digital era, including distributed computations, computing, VLSI, microelectronics and electrical energy



## Conferences...

SoICT, GBU hosts a large number of conferences throughout the year, especially during summers and winters. Here is a list of conferences coming up in the month of December:

- 1st International Conference Of Innovation And Advancements Of Information & Communication Technology
- International Conference on Heterogeneous Networking for Quality, Reliability, Security and Robustness.





## Cultural Clubs

- **AnshaRah** - The art and painting club
- **Drishtikon** - The debating society
- **Dishayan** - The dramatics club
- **Arahant** - The literary club
- **Pratibimb** - The photography club
- **Jhankaar/Khanak** - The dance club
- **Music club**
- **Audio visual education club**
- **The social service club**



## Cultural Participation

The university has always had a firm belief that a student should not only be academically strong but should also have an inclination towards co-curricular activities. Co-curricular activities do not only act as a break from the hectic schedule but also teach important lessons of teamwork, encourage imaginations and instill leadership qualities. This is the underlying principle with which our annual college fest “Abhivyanjana” is held every year which sees active participation of both students and teachers of various schools. For better management and ease of students, our university has several clubs and committees which carry out several competitions relevant to their area of interest.



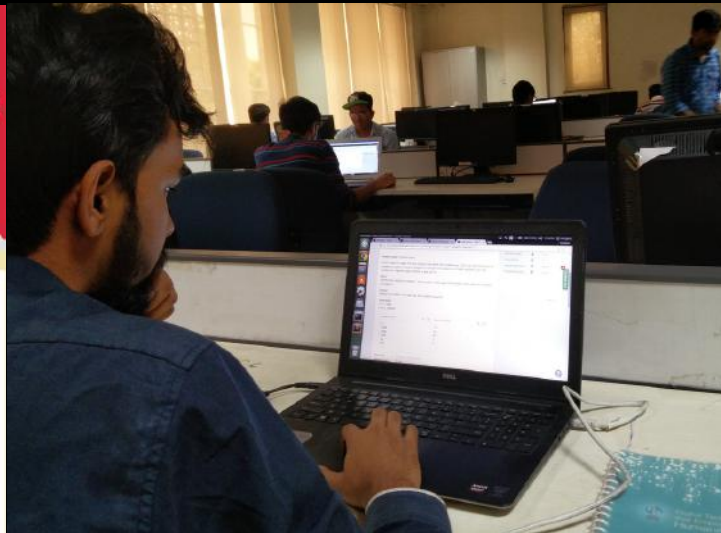
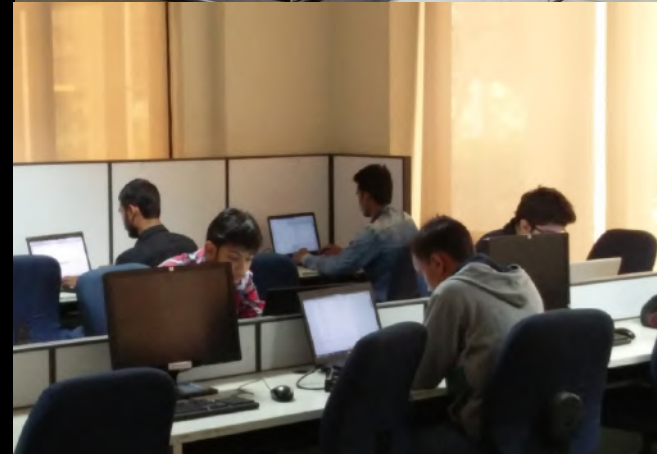
# Abhivyanjana

A CULTURAL EXPERIENCE

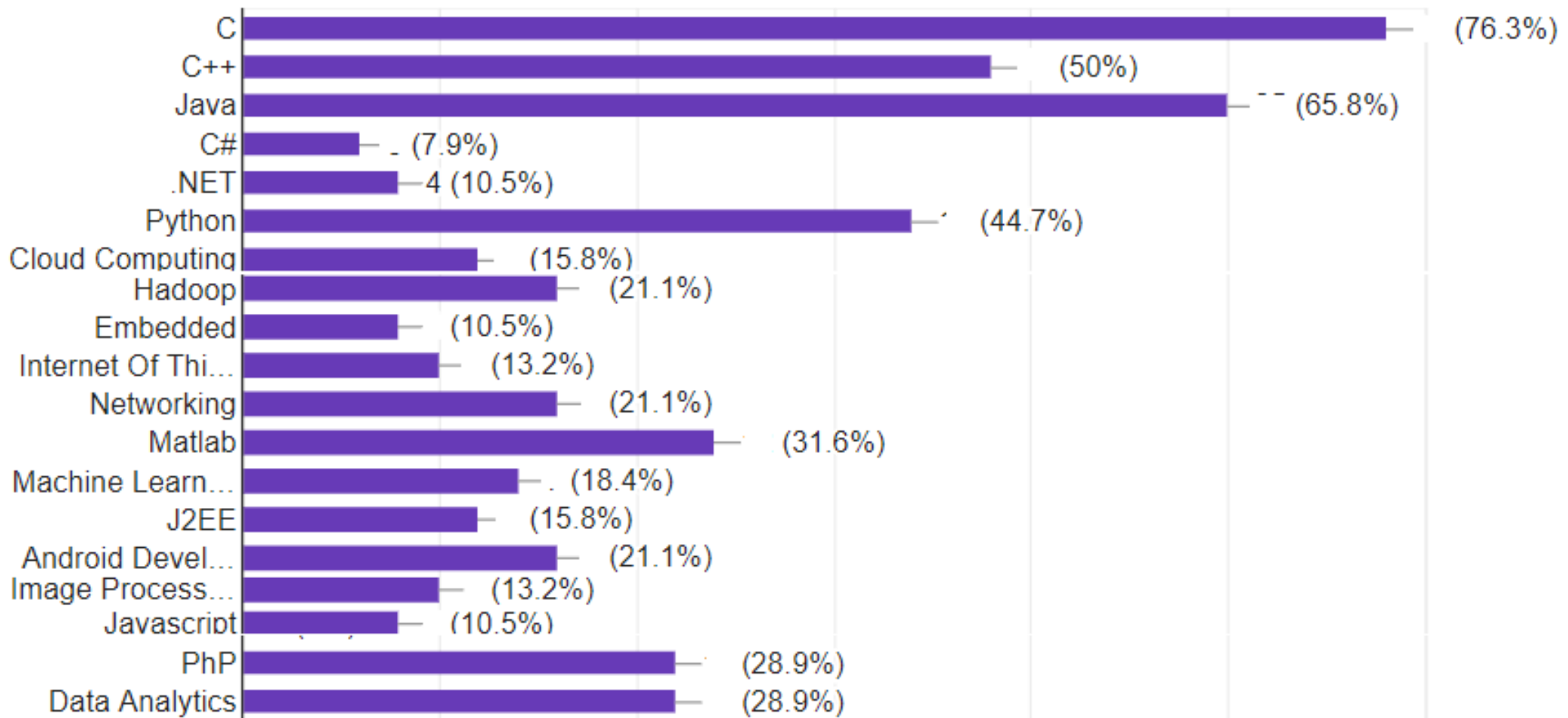
# PROGRAMMING CLUB

- Code Challenge and War: (C3W) 3, 2017  
[hackerearth.com/challenge/college/code-challenge-war-iii/leaderboard/](http://hackerearth.com/challenge/college/code-challenge-war-iii/leaderboard/)
- Programming week, 2016 [gbuonline.in/feat/read\\_events?id=37](http://gbuonline.in/feat/read_events?id=37)
- C3W 2, 2016, [hackerearth.com/c3w-2-juniors/leaderboard/](http://hackerearth.com/c3w-2-juniors/leaderboard/)
- C3W-A, 2016 [hackerearth.com/gbu-c3w-a/leaderboard/](http://hackerearth.com/gbu-c3w-a/leaderboard/)
- C3W-B, 2016 [hackerearth.com/gbu-c3w-b/leaderboard/](http://hackerearth.com/gbu-c3w-b/leaderboard/)
- Mobile App Challenge, 2016
- Code in GBU, 2015  
<https://www.hackerearth.com/challenge/college/code-in-gbu/leaderboard/>
- Workshop on LAMP Stack, SoVSAS, 2015

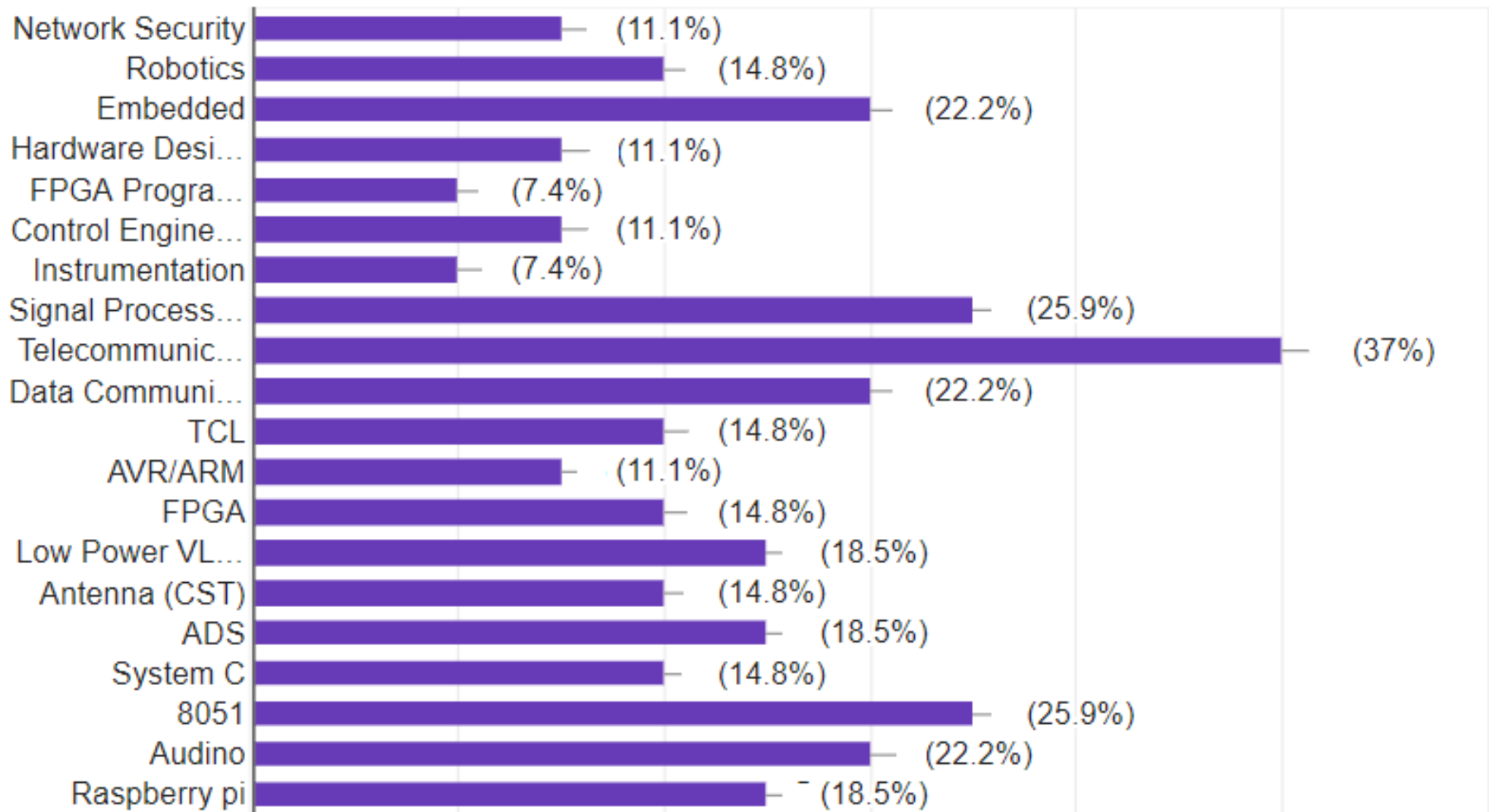
**PROGRAMMER:**  
A TOOL FOR CONVERTING CAFFEINE INTO CODE



# STUDENT SKILLSET (CSE)



# STUDENT SKILLSET (ECE)



# VARUN GARG



Software engineer with a good experience and open source contribution. Developed applications have an average of 2000+ monthly users and are also being ported for other universities.



<https://github.com/Varun-garg>



<https://www.linkedin.com/in/varungarg10>

## **Google Summer of Code Participant | The Eclipse Foundation [June 2017 – August 2017]**

Working under The Eclipse Foundation with IBM community. The project is Eclipse OMR framework for building language runtimes. It is based on IBM's own implementation on JVM - J9 VM. Integrated objects allocated in custom memory heaps and cleaned by different garbage collection schemes with Valgrind suite to allow consuming programming languages detect memory leaks.

Passed all stages. Won 2400\$ stipend: [github.com/eclipse/omr/pull/1311](https://github.com/eclipse/omr/pull/1311)

## **Summer Intern | Oracle India [May 2016 – July 2016]**

Performed enhancements and resolved bugs related to Oracle Taleo. Solved problem with Google Calendar and Mozilla Thunderbird that impacted many customers.

## **Summer Intern | Agnity India technologies [June 2015 – July 2015]**

Developed an attendance tracking application for the company.

MVC Architecture, Struts 2 and Hibernate framework.

## **Extracurricular Activities**

- Won 1st Prize in Programming competition at Abhivyanjana 2014.
- General Secretary of Programming club, GBU.
- Organized Web Development Workshop in LAMP stack in GBU, October 2015.
- Organized Code Challenge and war, Mobile Application Development Challenge in GBU, March 2016. [hackerearth.com/gbu-c3w-a/leaderboard](https://hackerearth.com/gbu-c3w-a/leaderboard), [hackerearth.com/gbu-c3w-b/leaderboard](https://hackerearth.com/gbu-c3w-b/leaderboard)
- Organized Programming Week in GBU, November 2016 [hackerearth.com/c3w-2-juniors/leaderboard](https://hackerearth.com/c3w-2-juniors/leaderboard)

# SARTHAK GARG



A techie, whose passion lies in data structures and algorithms. He has good hands-on experience in building various web based and desktop applications. Believes in the fact that technology may not be a barrier once you have command over core concepts.

## Skill Set

Algorithmic Development, Data Structures, Python, Django, ASP.NET, C#, SQL, C++, PHP

## Internships

### **NEC Technologies India Private Limited – (May 2017 – July 2017)**

Developed Visitor Management System for the company. This application generated passes for the visitors/clients/customers and ID cards for employees. Tabular reports for each category were generated along with the feature of notifying the non-depositors, to deposit their respective cards on leaving the company's premises. This system was built using ASP.NET framework, C# language.

### **Syscom Corporation (Morpho Group) – (May 2016 – July 2016)**

Developed an Assessment Portal that could be used to assess all the current projects running in the company. This portal was developed on ASP.NET framework and based on Model View Controller Architecture. Graphical reports were generated once the data for a particular month had been added by the Agile Master.

## Extra-curricular Activities

**Volunteering:** Volunteered for the placement session organised by Confederation of Indian Industry in Gautam Buddha University

**Organiser:** Organised an Application Development Challenge and Algorithm based Programming Challenge for the students of University



<https://github.com/gargsarthak30>



<https://www.linkedin.com/in/gargsarthak/>

# APURVA JHA



Final year student of Post Graduation in intelligent Systems and Robotics who is looking for suitable opportunities in varied domains so as to expand my knowledge base and skill set and contribute to the growth and profitability of the organization. Have handled both research based and real time problems in the past.



<https://www.linkedin.com/in/apurva-jha-51b230b1/>

## **Internships Attended :**

1. Social media marketing intern at Elveera Technologies
2. Part of E-cell of IIT Kanpur
3. Database Administration at hutstory.com
4. IOT intern at Technomentis Eduservices

## **Projects undertaken**

- As an intern at Technomentis Edu services :
- 2 way communication between devices :using the NodeMCU MQTT protocol Bluetooth Sensor App:For selection of a specific sensor & receiving real time sensor data
- 3.Study and application of port forwarding concepts
- Fire Alert system for 4 sister institutions and a common headquarter.
- Major project on comparative analysis of Ant Colony Optimization and Particle Swarm Optimization for solving the Job Shop Scheduling problem.
- Minor project on solving the Travelling Salesman problem using the Ant Colony Optimization.

## **Skill Set**

Languages- C, Python, HTML, Basic PHP

IDE & Devices – Arduino UNO , Fritzing, MATLAB, Raspberry Pi, Node MCU Wifi

Operating System- Windows XP, 7, 8, 10 Databases-SQL (Structured query language)

## **Trainings**

Python Training (MAy 2017-June 2017) : Developed a hurdle based game as part of training.

## **Other Activities**

Gate 2017 Qualified, Creative Writing, Debates, Extempores etc

# SACHIN PANDEY



A computer science student enthusiastic about learning new technologies and improving his skills. Secured remarkable result in competitive programming contest. Working on several live projects and research based project. Excited to join an organization to enhance and utilizing knowledge.

## Projects

### **Natural language neural network and its application to question-answering system**

Used the concept of word embedding and Natural Language Processing to extract the appropriate answer with the help of Deep Learning.

### **Dissertation Management System**

Student tracking was made easy for the teachers by giving them a proper system where they can evaluate and append student details easily

### **Sentimental Analysis on twitter live streaming data with flume and Spark**

Done sentimental analysis of Twitter live streaming data by integrating it with Spark and Flume and store the result in HDFS and use visualization tools on it.

## Internship

### **Intern at Hub4tech**

Did data modelling , data acquisition and done prediction using Machine Learning approaches.

### **PHP developer in Editsoft**

Worked on live project for the company and designed API for different projects.



<https://github.com/sachin16495>



<https://www.linkedin.com/in/sachin1649/>

# VIKAS DIXIT



A tech-savvy computer science engineering student with a strong passion to develop scalable and secure applications.

## Experience

### Summer Intern | Hub4Tech [May 2017-July 2017]

- Implemented Logistic Regression Model that predicts Airline delay from historical flight data using PySpark.
- Analysed Twitter data using Flume and Hive.
- Designed Multi Node Hadoop Cluster on Ubuntu 15.04 Virtual Machine

### Android Developer | SkyTesters-Venture 7 Technology Pvt. Ltd. [May 2016-July 2016]

- Developed a Bug Reporting Android Application for their Cloud Testers.
- Developed an Image editing library which could be integrated with their upcoming Android projects.
- Manual testing of Android applications.

## Projects undertaken:

- **Question Answering System | Deep Learning [Jan 2017– May 2017]**  
Implemented 3 layer Neural Network which outputs the answer using word similarity from the given knowledge.
- **Multi-User chat Application | Java Application Development [May 2015-July 2015]**  
Developed a Client Server chatting application using Socket Programming in Java.

## Achievements:

- Secured 179 rank in Round 2 of TCS CodeVita Season V organised in 2016.
- Qualified for Regional Round in ACM ICPC organised in 2016.
- Secured 3rd Rank in Think-A-Ton Coding Contest Organised by Programming Club At Abhivyanjana Annual Cultural Fest of Gautam Buddha University.



<https://github.com/lmvicoder>



<https://in.linkedin.com/in/decentvikasdixit>

# RAJAT SAXENA



Final year Dual-Degree student with Bachelor's in Computer Science and Master's in Intelligent Systems. Always open to learn new technologies according to project requirements. Professionalism, discipline, teamwork and diverse views are the key traits he brings to the table.



<https://github.com/rajatsaxena035>



<https://www.linkedin.com/in/rajat24>

## Technical Projects

### **Grouplex | Android App Development [Jun 2017 –Present]**

Developing mobile application for official group messaging. Trying to implement open groups with multi-level hierarchy for users with different access privileges.

### **Artist Recommendation System | Machine Learning [Jan 2017– May 2017]**

Item based Collaborative Filtering using K-Nearest Neighbours algorithm. Cleaned, filtered, analysed data and predicted the results. Used Last.fm dataset and SciKit-Learn library.

### **XPlatform Lookup | REST API Development [Aug 2016 – Dec 2016]**

Developed a RESTful API for searching students of the university using their personal, academic and hostel information. Used Django REST Framework for the same.

### **Export To Excel | Salesforce Development [May 2016 – July 2016]**

Worked on a Salesforce app to export any ListView to Excel using Force.com REST API. Languages used - Apex for backend and Visualforce for frontend.

### **Result-Viewer | Web Development [Jan 2016 – Apr 2016]**

Implemented a web application for publishing university results online with different permission for students, teachers and admin. Used CodeIgniter and Bootstrap.

## Extracurricular Activities

Core Member | Programming Club [Jan 2015 – Dec 2016]

Class Representative | CSE Batch [Jan 2014 – Dec 2014]

GATE Qualified | 2017

# SHOBHIT SHARMA



Pursuing a Dual Degree course with specialization in Software Engineering. Experienced in projects across multiple platforms. Enjoys learning new technologies, has good communication and analytical skills



<https://github.com/Shobhit95Sharma>



<https://www.linkedin.com/in/shobhit-95sharma>

## Experience

### Internship | Promorph Solutions[ May 2017 – July 2017]:

- Developed material design apps for Analytical Institute Management System (A-IMS) and also the concerned APIs in PHP which were hosted in Amazon AWS.

## Projects:

### Face Recognition System

(<https://github.com/Shobhit95Sharma/Face-Recognition-System>)

Application for user validation through facial features using python's Dlib library and printing user accuracy score.

### Home Automation Using Internet of Things

(<https://github.com/Shobhit95Sharma/Home-Automation-Using-IoT>)

Implementation of a module of IoT( temperature sensor, LEDs & DC Motor) using web app and Android application.

### Android Hardware Functionality

([https://github.com/Shobhit95Sharma/Android\\_Hardware\\_Functions](https://github.com/Shobhit95Sharma/Android_Hardware_Functions))

Android app based on normal and dangerous run-time permissions to include the following features: IMEI number, location id, network operator, signal strength, accessing camera and call logs.

## Extracurricular Activities

- Core member of Programming Club, GBU.
- Volunteered as an organizer for job fair conducted by CII(Confederation of Indian Industry).

# BHAWESH CHANDOLA



Smart Working and quick learning final year Intelligent Systems student with a knack of solving tricky problems and learning new technologies.



<https://github.com/bhaweshchandola>



<https://www.linkedin.com/in/bhawesh-chandola-bba8947b/>

## Technical Skills

Python, Data Analytics in Python, Statistics, Machine Learning in Python, Django, C, Bootstrap, Java (Core + J2EE), PHP, MySQL, PostgreSQL, Adobe Photoshop.

## Experience

### Summer Intern | Promorph Solutions, IIT Kanpur [May 2017 – July 2017]

Data Analytics for Attendance and Mid-Day Meal (DISHA App).  
Development of Web Based MCQ Examination for EmpowerU.

### Minor Project | Internet Of Things with Raspberry Pi

A module of IoT (Internet Of Things) with Temperature sensor, , DC motor with Raspberry Pi is implemented to demonstrate a working household.

### Major Project | Vehicle Routing Problem with Tabu Search

Vehicle Routing Problem is optimised through tabu search, which shows significant improvement in the problem.

### Project | GBU Online

Database management and connectivity of the whole website is done through PHP and MySQL.

### Project | Result Viewer

Web service for the result viewer developed with PHP and MySQL.

## Extracurricular Activities

- Core member of Programming Club, GBU
- Organized Code Challenge and war, Mobile Application Development Challenge in GBU, March 2016. [hackerearth.com/gbu-c3w-a/leaderboard](https://hackerearth.com/gbu-c3w-a/leaderboard), [hackerearth.com/gbu-c3w-b/leaderboard](https://hackerearth.com/gbu-c3w-b/leaderboard)

# RICHA BAJAJ



Richa Bajaj has 6 years of experience in Academics and 3 years in IT Industry. Her academic experience includes working as Assistant Professor, Program Director and Lecturer with prominent institutes in NCR. In IT industry she has worked in the Silicon Valley, California.

## **6 years experience in teaching Computer Science and 3 years experience in IT Industry**

MCA from Thapar Institute of Engineering and Technology and BSc (Computers) from MCM DAV, Punjab University, Chandigarh. Pursuing M.Tech Computer Science at Gautam Buddha University, Greater Noida.

## **Prominent Positions Held in Academics**

Assistant Professor– Hierank Business School, Noida.

Lecturer & Program Director – DAV Institute of Management, Faridabad . Lecturer – RAI Foundation Delhi, NIAM Delhi, GIIPM Noida, NIMS Noida.

## **Positions Held in IT Industry**

- Ace Technologies,  
Milpitas, California, USA
- Adobe Systems, San Jose, California,  
USA
- eGain Communications Corp, Sunnyvale, California, USA, Pune Centre.

## **Courses Taught**

Theory of Computation, Digital Logic, Computer System Architecture, Programming in C/C++, Data Structures, Computer Graphics, RDBMS, Operating Systems, Computer Networks, Graph Theory, Discrete Mathematics, Programming in Java, Management Information Systems, IT in Management, Software Engineering

## **Present Research Interests**

Adaptive systems for eLearning based on Artificial Intelligence techniques

# VIKAS SAHLOT



Has keen interest in Data Science & Machine learning. Experience of working on different projects which include “**Census Data Analysis Using Hadoop**” and “**Automated Prediction & Removal of False positives using Machine learning**” from vulnerability assessment report generated from Nessus.

## PROJECTS UNDERTAKEN & EXPERIENCE

### **Census Data Analysis Using Hadoop and Map Reduce | Major Project [June 2016]**

Project aimed at using the Hadoop ecosystem to analyse Census Data. The Hadoop Ecosystem is used to work upon the big data extracted from the Json log files and MySQL database together and extract substantial amount of information like the country's literacy rate, orphan percentage, average income, taxpayers details, male & female ratio.

### **Summer Intern | Lucideus Tech [June 2017 – August 2017]**

- Developed Python scripts to automate Nessus and importing the reports into separate database and then integrating these with their product called SAFE.
- Applied Machine Learning algorithm to predict false positives from vulnerability assessment report and removed them.

### **Summer Intern | Tevatron Technologies [June 2016 – August 2016]**

Real Time GPS Tracking using **STM32FOR8TX ARM PROCESSOR ( ST Microelectronics)** in which the location of an object in an area was tracked; determined the position by measuring the latitude and longitude. Readings and interfacing of an accelerometer for measuring the tilt impact and G-Force calculation.

### **Extracurricular Activities**

- Secured first position in Technical Quiz organized by SAE-GBU
- Worked as Head of the core committee of Web and APP development team of a national level event - OFFROAD-BATTLE'2016
- Awarded First position in Performing Arts Event (Institute level competition)
- Participated at university level cricket tournament

**Technical Skills:** C, C++, python, Hadoop, Spark, Sqoop, Flume, Hive

# ARVIND KUMAR



Software engineering student with major interest in Java and Android who has good skills in Big Data and Hadoop. Main objective is to use overall knowledge and skill acquired by learning through experience to bring perfection.

## Projects

### Library Management System

Objective: Android Application for Library Management for keeping the students book record.

### Question Answering System using Neural Network and Natural Language Processing

Objective: To predict the answer of a question using the deep learning.

### Customer Form Analysis

Objective: Analyze the customer data such as number of customers from each state, numbers of male and female customer and their age group.

### Analysis of Book-Crossing Dataset

Objective: To analyse the numbers of books published per year and number of books by authors using Apache Hive.

### Summer Intern | i-world solution [May 2017 – July 2017]

Worked on Medical Alert Application using Android.

## Extracurricular Activities

- Attended Workshop: Cutting Edge Technologies like Android, PHP, Hadoop, Cloud Computing and Ethical Hacking.
- Qualified GATE in March 2017.
- CR (Class Represented) for Computer Science Batch from 2015-2017.



[linkedin.com/in/arvind-kumar-a86633103](https://www.linkedin.com/in/arvind-kumar-a86633103)

# PRITESH



Possesses effective analytical and logical abilities, quick learner in aptitude, and adaptability to multitasking, keen interest in Computers and thereby aligning self-development with the development of the organization.

## PROJECTS

- Behavioural modelling of power amplifier using verilog-A. (present)
- Design of class-E power amplifier using cmos technology including parasitics.
- Design of triangular microstrip patch antenna (at 2.44ghz) using HFSS.
- Design of stacked and slotted ETMA(equilateral triangular microstrip patch antenna) for gain improvement using HFSS.

## Summer Intern.

- 2 months summer intern. at GBU VLSI lab. In VLSI front end design using cadence.(May, 2017 to July 2017).
- 1 month summer intern. At DDK patna in Television Broadcast & Antenna System.
- 3 months certified training in LINUX & PYTHON from DUCAT.

## TECHNICAL SKILLS

- |                          |            |
|--------------------------|------------|
| ● C/C++                  | HFSS       |
| ● VHDL                   | ANSYS      |
| ● Verilog/Verilog-A      | LINUX      |
| ● Python                 | AMS design |
| ● EDA tools(cadence/ads) | MATLAB     |

## OTHER INTEREST & Activities

- Organised hostel cricket league (in 2015 & 2016)
- Participated in various college volunteering activities.
- Won 2nd position in INTER-SCHOOL & INTER-COLLEGE SPORTS MEET for TABLE TENNIS at AUGN (in 2015).



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# MEGHNA SONI



Conscientious and assiduous professional seeking to apply as an entry level engineer.

## Experience

Familiar with coding and implementation of projects and ideas. Wide ranging epistemic knowledge domains in areas ranging from hardware to software. Extensive knowledge in embedded systems and robotics with Microcontrollers like Atmega8, 32 and their implementation in Assembly and C language. She has made minor and major projects that automated water irrigation system and hand gesture controlled wheelchair using Arduino Uno R3 respectively. The former project is being widely used in efficient irrigation under the Krishi Sinchai Yojana , Government of India .

### Summer Trainee | Incapp Infotech

C programming (2 weeks Training) on Borland C++

Core Java in Eclipse Neon IDE and Notepad++ (4 weeks Training)

Data Structures in C programming on Borland C++ (4 weeks Training)

### Summer Trainee | Tevatron Technologies

Embedded Systems-AVR Atmega8 (2 weeks Training)

### Summer Trainee | DuCAT

Embedded Systems-Arduino UNO R3 (6 weeks Training). Programmed Arduino with C programming. Learnt about microcontrollers and running devices using it.

## Extracurricular Activities

- 2nd Runner Up IEEE debate 2014 at School of Engineering
- Coordinator - Dance at Abhivyanjana 2015
- Coordinator - Dance at Abhivyanjana 2016
- Winning team –Ad Mad at Abhivyanjana 2016

# RISHAV PANDEY



Data science engineer with a good experience in the field of data analytics and machine learning. Organising data for inferential statistical analysis, structuring and visualizing data and building predictive models.

## Projects And Courses

- **Coursera Stanford University:** Machine Learning Course.
- **Edx Columbia University Course:** Statistical Thinking for Data Science and Analytics.
- **Edx Linux Foundation Course:** Introduction to Linux, Introduction to Apache Hadoop.
- **Major Project:** Vehicle Routing Problem through Tabu Search Algorithm.
- **Minor Project:** Implementation of Particle Swarm Optimization and Ant Colony Optimization algorithm for image edge detection.

## Languages

- C/C++, Python, Matlab, Java and Javascript.

## Awards

- Awarded 1<sup>st</sup> prize in Elocution competition, in the Swacchta Pakhwada event, organised in Gautam Buddha University, by UGC and MHRD, Gov. of India.
- Awarded 1<sup>st</sup> prize for best solo singing at Abhivyanjana Annual Cultural Fest, Gautam Buddha University, Greater Noida-(2016).
- Recipient of the Raja Vishamber Singh Rajawat Trophy, Air Force Bal Bharati School, Lodhi Road, New Delhi.

## Extracurricular Activities

- **Speech and Public speaking:** Participated and won at the the Swacchta Pakhwada event, organised in Gautam Buddha University, by UGC and MHRD, Gov. of India. Member of GBU Debate Club.
- **Guitar and Singing:** Performed in solo singing and won at Abhivyanjana Annual Cultural Fest 2016, Performed at IIT Kharagpur Spring Fest 2016 in Western Solo Singing.
- **Acting:** Performed at Spring Fest in Mono-acting, at IIT Kharagpur-(2016), Won at Galgotias University Cultural skit competition, Greater Noida-(2015).



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# SAUMITRA DOBHAL



Primary field of interests are Machine Learning, Artificial Intelligence, Data Science, Data Analytics and building Intelligent systems that could solve problems efficiently. Strongly believes in hard work and persistence.

## Experience

### **Summer Intern | Barco Electronics Pvt. Ltd. [May 2016 – June 2016]**

Assigned the task to operate one of the projectors through API by using Node.js and SOAP protocol. Learnt JavaScript, Node.js and Express server.

## Data Analytics

Worked on several datasets, using tools like Tableau and Gretl. Also, used open source languages like Python and R.

## Projects

**Major Project** – Solving Vehicle Routing Problem (VRP) using a meta-heuristic algorithm known as Tabu Search.

**Minor Project** - Design and implementation of Particle Swarm Optimization (PSO) and Ant Colony Optimization (ACO) algorithm.

## Extracurricular Activities

- Volunteered in a national event –ECOKART 2015 which involved participation of teams from all over India
- 1st position in “SKIT COMPETITION” in “G-QUASAR”, Galgotias University.
- 2nd position in “Singles” ,Lawn Tennis in "Shaurya Utsav", Gautam Buddha University.
- 3rd position in college football tournament “Shaurya Utsav”, Gautam Buddha University.



<https://www.linkedin.com/in/saumitra-dobhal>

# ANANYA GARG



An ambitious, hardworking student seeking opportunities in the field of Artificial Intelligence (Machine Learning and Data Science).

Hands on experience in analytical tools like Hadoop, Pig, Hive, Sqoop and Flume.

Also possesses knowledge about Python & Machine Learning to go with the current market trend.

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## EXPERIENCE & PROJECTS

### Census Data Analysis Using Hadoop (Jan'17-May'17)

The data is accepted from user based upon their choice. The raw data is provided in the form of Json logs. Supporting data is also maintained using MySQL database. The Hadoop Ecosystem is used to work upon the big data extracted from the Json log files and MySQL database together and extract substantial amount of information like the country's literacy rate, orphan percentage, average income, taxpayers details, male & female ratio.

### Summer Intern | Lucideus Tech [June 2017 – August 2017]

#### Automated Detection and Removal of false positives in Nessus Reports

Created a Python API for Nessus Vulnerability Scanner and collected the generated reports in a MySQL database.

Further, trained the python script to remove the false positives using machine learning.

## TECHNICAL SKILLS

- Programming Languages: C/C++ , Python
- Big Data: Hadoop , Pig, Sqoop, Flume, Hive
- MySQL
- Machine Learning

## OTHER INTEREST & ACTIVITIES

- Creative Writing, Dance, Art & Craft, poetry
- Sports – Volleyball, Badminton
- Active participant in debate and poetry competitions at school and zonal level.
- Worked as Head of Technical team of a national level event OFFROAD-BATTLE 2016( [www.offroadbattle.in](http://www.offroadbattle.in))

# HIMANSHU HARIT



Software engineer with a good experience and understanding. Worked on different projects in Java. Contributed in many attractive android applications. Likes to work with new things instead of repeating what he already knows.

## Experience

- Worked with NetSouls Pvt. Ltd. on Software Engineering and Testing.
- Worked in DUCAT as industrial trainee on Java and Android.

## Teaching

- Has seven years of experience in teaching. Uses Innovative ways of explaining things.
- Looking forward to gain some more experience in computer field on higher stakes.

## Summer Intern | NetSouls Pvt Ltd India [May 2017 – June 2017]

- Worked with the experts in developing modules of the whole program.
- Main focus was to detect bugs and issues and correct them.

## Extracurricular Activities

- Participated in many olympiads and quizzes in Mathematics and Science.
- Interest in dancing and participated in school's annual functions.
- Interest in cricket is very intense. Played in NIKE cup from school team.
- Participated in the college's hostel tournament.
- Represented college in skit competitions.

# SHREYA SINGH



Final Year Student of VLSI Design  
who has aptitude for Analog ,Digital  
Design and wants to enhance her  
skills of CMOS, IC circuit design,  
simulation, layout and applications .

## Internships

### **Bharat Electronics Limited [June 2014-July 2014]**

Worked in star lab for Antenna testing, learned the working of RADAR, Combat Management System.

### **Nuclear Power Corporation of India Limited, NAPS [June 2013]**

Worked in Calibration Lab, learned the working of Control room computer system, channel temperature monitoring and reactor control.

## Projects

### **Evolution of Power Amplifier**

Designed Power amplifier for RF and Audio frequency using CADENCE virtuoso.

### **Comparison of learning Algorithm for XOR Problem**

XOR problem is solved through various algorithms using NN tool of MATLAB

## Technical Skills

Tools: CADENCE, Modelsim, Multisim

Languages: VHDL, Verilog

## Achievements & Activities

- Qualified Gate 2015 ,2016
- Awarded IndianOil Educational Scholarship (2011-2015)
- Coordinator in tech fest-Daksha -2014, Mangalayatan University.
- Participated in final Round of Robotryst-2013 organized by Robosapiens,in association with tryst at IIT-Delhi.
- Volunteer National Conference on Recent Advances in Technologies & Engineering (RATE-2013) organized by IET, Mangalayatan University, Aligarh



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# SATYARTHA PRAKASH



Electronics and communication engineer with a good industrial exposure. Likes working on embedded circuits and mobile computation and an inclination towards optical communication .

## Experience

### **Optical Communication | C-DOT |[June 2017 –Present]**

Designed the error bit extraction circuit in SONET/SDH frames and currently working on its implementation on any hardware scripting language.

### **ALTTC – BSNL 2015 | Summers**

Hands-on experience on Atmega-16 .

### **SKYFI Labs 2014 | Summers**

Quadcopter and RC aircraft Design, Fabrication and Flying

### **Tevatron Technologies, Noida 2014 | Winters**

- Worked on the advanced STM32F08TX ARM PROCESSOR ( ST Microelectronics)
- In depth Knowledge of Register Level Programming of Microcontroller

### **Extra – Curricular Activities**

- Organized many events at Abhivyanjana, 2014
- Participated in eco-kart, 2015
- Organized off-road battle, 2016
- Organized robotics workshop.



# SUDHIR SINGH



Electronics and Communication engineer with good hands-on experience in understanding electronic circuits. Completed a project on Internet of Things.

## Experience

- Major project on Internet of Thing and designed PUF (physically unclonable function) which makes the product more secure and reliable. Also wrote a research paper on it - "Monitoring of vehicle using IOT" .
- Minor project on "RFID based attendance system".
- Organized workshop on robotics.

## Summer Intern | NTPC

- Analysis of power controlling circuit and learnt about various ICs used in it.
- Learnt working of various power stations.

## Summer Intern | POWER GRID

- Learnt how power is transferred to base station .
- Dealt with different power storage units and learnt working of different controlling ICs.

## Extracurricular Activities

- Member of GBUCL (Gautam Buddha Cricket League )
- Member of organising team of GBUCL and various other sports event.
- Member of winning cricket team of Shauryautsav..

# AKANSHA AGGARWAL



Software engineer with good knowledge of computer science subjects. Created a tool in python: preliminary apache log analyzer. Given good academic performances. GATE 2017 qualified.

## Experience

### Minor Project | Solving Traveling Salesman Problem Using Ant Colony Optimization

Use of metaheuristics to solve NP class problems gives faster and better results. ACO is one such optimization technique which gives most efficient results when applied to most common problem of computer science TSP. Implementation in C++.

### Major Project | Comparative Analysis Of Particle Swarm Optimization And Ant Colony Optimization Using Job Scheduling Algorithm

### Summer Intern | National Informatics Center[May 2016 – July 2016]

Created a apache log analyzing tool in python that helps in parsing and analyzing apache logfiles. worked on dbip-city dataset.

## Skill Set

Good knowledge of data structures and algorithms.

LANGUAGES: C,C++,PYTHON,MYSQL,HTML

OS: LINUX,WINDOWS

## Extracurricular Activities

- Volunteer at Web Development Workshop in LAMP stack in GBU, October 2015.
- Attended a workshop on cutting edge technologies.



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# YASHI PAWAR



Final year student of Intelligent Systems and Robotics. Did graduation in Electronics engineering. Looking for opportunities in technical domain. Willing to work on new projects and technologies to enhance my skills and contribute to productivity of the organization.

## Internships

### **Salesforce Intern | Astrea IT services [May 2017 – June 2017]**

Worked on Salesforce and on its Einstein layer. Used Apex to create an Einstein Image Classifier to recognize and classify images.

### **Intern at Doordarshan**

Got an overview of how broadcasting is done all over the country

## Projects

- **Minor project** on an Android based Signal Strength Logger, based on triangulation methodology. It collects signal strength in database and shows in tabular form. Used both Location area Code and Cell ID.
- **Major project** on Census Data Analysis using Hadoop by the means of Map Side Join and K-means clustering.
- **Summer project [June 2015]**  
Vehicle Tracking System using Embedded system.

## Extracurricular Activities

- Qualified GATE 2017 with a percentile of **96.04%**.
- Awarded in debates and creative writing.
- Participation in public speaking events in GBU.
- Awarded in sports fest(SHORYOUTSAV) - Athletics, Basketball, Throw ball.
- Headed as the sports coordinator in SHORYOUTSAV(sports fest) in 2013 and 2014.
- Zonal Level basket ball player.
- Prizes in Cultural Fest(ABHIVYANJANA) - dance (a trained classical dancer in KATHAK).



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# ISHA CHOUDHARY



An ambitious and hardworking student seeking opportunities in the field of VLSI. Also has hands-on working experience on Cadence and CoventorWare technologies.

## Experience

Working on MEMS based projects in DRDO from last two years . Has knowledge about Silicon based Sensors and Diaphragms. Designed silicon diaphragm using CoventorWare. Experienced in hardware based projects like Bluetooth controlled device and also developed amplifier.

**Technical Skills:** Basic JAVA, C, C++, Cadence, CoventorWare

## Summer Intern | SSPL,DRDO [May 2016 – July 2016]

Performed silicon etching through KOH and studied the roughness of it. Also had a view of photolithography process in MEMS laboratory.

## Summer Intern | SSPL,DRDO [June 2015 – July 2015]

Researched and studied about silicon carbide based diaphragms. Worked on Coventorware and MATLAB software during research.

## Extracurricular Activities

- Worked and operated Hand Robots at ROBOTICS workshop.
- Designed and Implemented a Bluetooth Controlled Device.
- Won first prize in dance competition.
- Won first prize in volleyball competition and relay 4X100.
- Implementation of Analog Amplifier in CETPA workshop.



# AKHIL KUMAR



Oracle Certified Associate, Java SE 8 Programmer with experience and good hands on multiple window and web projects using Oracle and MySQL databases on platforms like Netbeans and Eclipse. Beginner in using Struts framework, RMI and EJB.

## Technical Skills

**Languages:** Java(Oracle Certified Associate, Java SE 8 Programmer), JSP, Servlet

**Methodologies:** RMI, EJB, Strut Framework and Test Driven Development

**Platforms/Languages/Tools used:** Netbeans IDE, Eclipse, Mysql and Oracle database

## Summer Intern | Java Developer | Incapp Infotech [June 2017 –July 2017]

**Project:** People Chat (MVC Based)

**Programming Languages :** JSP ,Servlet

**Framework:** Struts Framework

**Platform:** Eclipse IDE

**Database:** Oracle 11g

## Summer Intern | Bombardier Pvt. Ltd [May 2016 – July 2016]

**Project:** Train System and Failure

**Department:** Rolling Stock

## Major Project [January 2017 –April 2017]

**Project:** Doclink Plus

**Programming Languages:** JSP, Servlets

**Platform:** Netbeans IDE

**Database:** MySQL

## Extracurricular Activities

- AIR-21 in NCAT-2015.
- AIR-6 in NCAT-2016.
- Passed exam for **Oracle Certified Associate, Java SE 8 Programmer**
- Participated in University Cricket Competitions
  - 2014-Gold
  - 2015-Gold
  - 2016-Silver



[youracclaim.com/user/akhil-kumar.a94c1fd7](https://youracclaim.com/user/akhil-kumar.a94c1fd7)



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# ABHISHEK AHUJA



Software engineer with the aim to apply the skills in a competitive and stimulating environment. Believes in contributing for the development of the organization and thereby providing advancement opportunities.

## Experience

### **Summer Intern | Cetpa Infotech Private Limited [May 2017 –June 2017]**

Worked on BIG DATA-Hadoop Frameworks such as Hive, Pig, HBASE.  
Linux, ORACLE PL/SQL.

### **Marketing Intern | CampusBox.org[May 2017 –June 2017]**

Organized the Campus Ambassador Program for CampusBox.org.  
Took interviews of students from various colleges/university for the position of Campus Ambassador. Involved in the practices of branding and marketing.

### **Digital Marketing Training | DigitalDeepak.com[Aug 2017-Sept 2017]**

Concepts of Digital Marketing: Domain, Hosting, Social media marketing, affiliate marketing, blogging etc.

### **Summer Intern | Ducat, Greater Noida [Feb 2016 – July 2016]**

Six months summer training in J2EE.  
MVC Architecture, Struts 2, Spring and Hibernate framework.

### **PMKVY Certified CCNA Training| Ducat, Greater Noida [March 2016 – July 2016]**

Pradhan Mantri Kushal Vikas Yojna certified professional.

## Extracurricular Activities

Coordinated cultural events:

- **Abhivyanjana**: Cultural fest of Gautam Buddha University.
- National level event **Eco-kart**.
- National level event **Off-Road Battle**.

Regular participant in events for **Dramatics** both at college and inter-college level.



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# VASUDEV YADAV



Engineer with insightful knowledge of core subjects of computer science and engineering. Eager to learn new technologies and methodologies and always willing to innovate new things.

## Project description

### Search Engine

The project search engine is developed to search Wikipedia pages using query's term frequency. Project is using Wikipedia dump as dataset. Project also involves natural language processing to simplify words.

**Technology:** Java

## Technical Skills

|                           |                   |
|---------------------------|-------------------|
| Language                  | C, Java.          |
| Operating System          | Ubuntu, Windows   |
| Web programming/Scripting | HTML, JavaScript. |
| Database                  | MySQL.            |

## Achievements

- Qualified GATE.
- Awarded with PGGATE scholarship.

## Extra-Curricular Activities

- Playing Tennis
- Reading about world politics and new technologies.

# RAHUL KUMAR



Software engineer with vast knowledge and expertise in developing demand based algorithms. Presently learning cryptography and network security. Likes to learn more about computers in any way be it hardware or software.



<https://www.linkedin.com/in/007thetraveller>

## Technical project and Internship

### Summer Intern | Ducat India [May 2016 – July 2016]

Learnt about Big data and hadoop with hands on knowledge of data analytics using Map-Reduce hive and pig in hadoop .

### My Android Passbook [Dec 2016]

An Android application developed individually for the purpose of minor project. The Application aimed at merging and saving your transaction details of your multiple bank accounts at a single place. The main objective of the application was to bring all banking information at fingertips.

Final Submission (merged): <https://github.com/c0dew0rm/My-Android-Passbook>

## Programming Contest Achievements

- Long contest rating on CodeChef 4930 out of 63209 users.  
<https://www.codechef.com/users/c0dew0rm>
- Global Rank 536 of 5000 contestants in March16 Long challenge on CodeChef.  
<https://www.codechef.com/rankings/MARCH16?filterBy=Institution%3DGautam%20Buddha%20University%2C%20Greater%20Noida&order=asc&sortBy=rank>
- Global Rank 1925 of 9077 teams in SnackDown Pre Elimination Round-A 2016.
- Global Rank 165 of 1190 contestants On hackerearth CodeMonk Sorting Challenge 2016.  
<https://www.hackerearth.com/codemonk-sorting/leaderboard/page/4/>

# RAHUL KUMAR



Aspiring to work with an organization that offers responsible position where he can utilize his skills and capabilities to carve a niche for himself and effectively deliver towards contributing to the organization's aspirations and also enhance his personal growth through continual upgrading of knowledge.

## Experience

### **Summer Intern | DKG Labs Pvt. Ltd. [June 2017 – July 2017]**

Developed “InciMat – Android Mobile App” for online tracking of vehicle.

### **Summer Project | [June 2016 – July 2016]**

Implemented research paper entitled “Java Applets Copy Protection by Steganography” using Java

### **Summer Training | Cetpa Infotech Pvt. Ltd. [May 2015 – July 2015]**

Completed Android training and developed an Android project.

Link-><https://goo.gl/wrqyWv>

### **Summer Research Project | Netaji Subhas Institute of Technology [May 2014–July 2014]**

Successfully implemented the research paper entitled “client server communication using socket programming” in Java. A communication link is created via TCP/IP sockets which is connection-orientated link.

## Extracurricular Activities

- Won 1st Prize in Programming competition in “Mobile App Development War 2016”. It was organized by SOICT Programming club, GBU.
- Participated in CodeChef Snack down 2016 which is a online coding competition and went up to pre-elimination round.
- Participated in TCS code vita 2016 and cleared first round of the online coding competition.



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# SHAINA SINGH



An Electronics and Communication engineering graduate with an interest in both research and solving real time problems.

## **Internships**

Intern at Indraprastha Gas Corporation Limited.

## **Projects**

- Project on the study of a system of Internet of things
- Project on the study of Optical networks

## **Workshops**

Attended a workshop on A-Set Robotics.

## **Research and Publications**

Undertook research based on ranking of critical success factors for online retailing by TOPSIS approach in IJPQM.

## **Skill Set**

- C programming
- MATLAB

## **Other activities**

- Representative of the University at National Adventure Club 2017
- Hobbies include playing, reading and drawing.
- Participated in inter-university cultural events

# RAJITA MISHRA



Electronics and Communications  
Engineer with specialization in  
Intelligent Systems and Robotics.  
Enthusiastic learner with a keen  
sense of observation and  
excellent communication skills.

## EXPERIENCE (TRAINING / INTERNSHIPS)

### HCL (2014) | C++ PROGRAMMING

- Also got an insight on front end coding skills (HTML,CSS,PHP).
- Final project on RF/ID system.

### BSNL(2015) | EMBEDDED SYSTEM AND ROBOTICS

- Basic knowledge of microcontrollers.
- Projects ranging from LED interfacing to remote controlled car.

### ASTREA IT (2017) | SALESFORCE DEVELOPER

- Learned basics of CRM modules.
- Worked using APEX to develop cloud based applications.

### SHOUT NETWORKING (2017) | QA TESTER FOR IOS/ANDROID APP

- Worked on Appium to generate testing scripts.
- Worked using PYTHON.

## EXTRA-CURRICULAR:

### Active participant in Shouryotsav(sports event)

- Coordinator of girls hostel (2013-2014)
- Won various accolades and medals in athletics, team games

### Actively involved with PRASANNA TRUST (NGO)

- Organized funding event to gain charitable funds for poor and needy
- Carried out relief operation in Bundelkhand in year 2015

### Enthusiastic participant in debates, group discussions

### Coordinator of OFF ROAD BATTLE (2016) (technical fest)

### Coordinator of DANCE CLUB (2015)



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# BHAVNA SINGH



A VLSI Design student who possesses excellent communication skills, commitment towards work and quick adaptability to challenging situations.

## **Experience**

Worked as a Project Associate in Lab view and XRD lab at IIT Kanpur.

Worked as a Management Trainee at Space Key Auto Electronics Corporation Limited

## **Training attended/project undertaken:**

- Image compression using wavelet transform
- Robotics workshop conducted by MITBOTS
- EMBEDDED SYSTEM Program by Brics
- Training at Hindustan Aeronautics Limited Kanpur

## **Extracurricular Activities**

- Conducted Industrial Visit to Infosys.
- Won many prizes in debate, quizzes, robotics workshop, dance, group discussion, cultural fest

# RISHABH AHUJA



Hardworking, detail-oriented graduate student in Software Engineering with ability to articulate complex subject matter .

## Experience

### Internship at Astrea Enterprises

Worked on Salesforce Platform. With the help of Apex and Visualforce, developed an application that fetches the data from database and generates an Excel sheet of that data.

### Summer Training at NIIT

Core Java concepts, developed application using wings.

## Projects

### Grouplex

A mobile application developed with an aim to create open groups for official messaging. Unlike other chat application people can have different privileges in their respective groups.

### GBU Alumni

Website designed for GBU Alumni

## Extracurricular Activities

- Organized Web Development Workshop in LAMP stack in GBU, October 2015.
- Organized Code Challenge and war, Mobile Application Development Challenge in GBU, March 2016. [hackerearth.com/gbu-c3w-a/leaderboard](https://hackerearth.com/gbu-c3w-a/leaderboard), [hackerearth.com/gbu-c3w-b/leaderboard](https://hackerearth.com/gbu-c3w-b/leaderboard)
- Organized Programming Week in GBU, November 2016 [hackerearth.com/c3w-2-juniors/leaderboard](https://hackerearth.com/c3w-2-juniors/leaderboard)



<https://www.linkedin.com/in/rishabh-ahuja-2574b3148/>

# GURUNAM SINGH PANWAR



Pursuing master's course with specialization in VLSI. Looking for suitable opportunities in technical domain. Believes in hard work and aspires to work for an organization where his skills can be enhanced and can be used for the betterment of the organization .

## Projects Undertaken & Experience

Worked on Design and optimization of M shaped Microstrip Patch Antenna in bachelors.  
Worked on Study of Power Amplifier in masters.

## Internship

Industrial Training on CNC MACHINES at BHEL, Haridwar.  
Internship on Embedded system PIC by CMC Noida.  
Internship on verilog in GBU

## Technical Skills

- Basic C
- VHDL
- Verilog
- Cadence tool
- HFSSv 15
- Modelsim
- ADS
- Letax
- Linux
- ANSYS
- Matlab
- Xilinx

## Extracurricular Activities

- Zonal winner of volleyball tournament organized by AKTU, Lucknow .
- Won volleyball tournament organized by Jaipuria college Noida.
- Organizer of the Athlete and Sport events in NIET college fest 2016.
- Coordinator in 'SHAURYOTSAV" Sports meet in GBU.
- Participated in 65th U.P Senior State Volleyball Championship as player and official.
- Attended two day workshop on Latex software.



# HARSHIT MAHESHWARI



Reliable and Resourceful Design engineer with a good hands on experience in designing VLSI integrated circuits with both frontend and backend. Looking for a responsible position as a VLSI design engineer with a view to utilize and enhance my skills and experience towards professional growth



<https://www.linkedin.com/in/harshit-maheshwari-01167614b/>

## Experience

### Summer Training | VLSI Cadence lab [May 2017 – July 2017]

Worked on Cadence(Virtuoso) and did projects on MEMS based capacitor

### Summer Training | Viyanta Electronics [May 2016 – July 2016]

Learned to make PCB board using PSpice, Transformer Windings, and made solar based project of DC charger.

### Summer Internship | Tevatron Technologies [[May 2015 – July 2015]

Worked on ARM processor and made line follower robot

## Skill Set

- Verilog
- System Verilog using UVM
- Perl
- Linux
- C++
- C & DS
- Advanced Digital
- VHDL
- CMOS Design
- System C

## Extracurricular Activities

- Won 2nd Prize in IEEE-GBU Quiz
- Organized Event ECO-KART India
- Technical Event Manager at Abhivyanjana 2016
- Coordinator at SHAURUTSAV 2014
- Badminton Team of College

# MUNIRAJ GUPTA



Electronics and Communication engineer with a good hands-on experience in understanding electronics circuits. Completed a project on Internet of Things.

## Experience

**Major Project** on Internet of Things and designed PUF (physically unclonable function ) which makes the product more secure and reliable.

Has written a research paper on “Monitoring of vehicle using IOT”.

**Minor Project** on “RFID based attendance system”

## Summer Intern | NTPC

Analysis of power controlling circuit and learnt about various ICs used in it.

Learnt to worked on various power stations.

## Summer Intern | POWER GRID

Learnt how power is transferred to base station .

Dealt with different power storage units and learnt working of different controlling ICs.

# SAKSHI TRIPATHI



A computer science student currently pursuing post graduation in intelligent systems and robotics specialization. Seeking suitable opportunities as per my qualification where I can enhance my skills and serve the organization with its benefit and productivity as foremost priority.

## Projects Undertaken:

- Implemented Ant Colony Optimization technique for finding optimal path of travelling salesman problem in minor project.
- Implemented and have done comparative analysis of Ant colony optimization and Particle swarm optimization for solving job shop scheduling problem in major project.
- Developed an arcade game similar to mario using python graphics module.

## Trainings Attended:

Undergone a six week training on python. The training program consisted of Basics , classes and graphics module.

## Workshops Attended:

Attended an one week workshop on cutting edge technologies of ICT(cloud computing, embedded systems , python , big data analytics, web designing).

## Technical Skills:

C,C++(basic),graphic designing with C, HTML, python, MATLAB(ANN)

## Extra Curricular Activities:

- Qualified GATE and secured AIR 1642(98.3%ile).
- 6<sup>th</sup> rank holder (district level)in AISSCE(CBSE board).
- Participated in various school and university level sports events.
- Likes reading, dancing, travelling and swimming for fun.



# SRISHTI SINGH



Wireless and Communication Engineer, aspiring for challenging and enriching opportunities in my core domain. With my analytical and meticulous approach towards work. I can add value to your organization and enhance my skillset.

## Internships Attended

- Training Institute: Coding Ninjas

Course Name: Data Structures with Java

- Organization: I.T. department of B.H.E.L. Noida.

Project Undertaken: Development of tools for checking availability of various equipment installed in the network.

## Projects Undertaken

- Minor Project: Signal Strength Logger

Project Description: Developed an android application which is used to detect the signal strength of various networks at a particular location.

- Major Project: Implementation of optical interconnect for 1550nm wavelength at 10Gbps.

Project Description: Analysed the performance of various optical interconnect by varying different parameters.

## Extra Curricular Activities

- Literary Coordinator of TEDx GBU.
- Won 2nd prize in the debate competition held by IEEE-SAE.
- Won 3rd prize in letter writing competition in the Abhivyanjana.
- Volunteered in a national level event - Eco-Kart for 2 years.
- Actively participated in various college level events held during Abhivyanjana.

# MONIKA DIXIT



Final year student of Intelligent Systems and Robotics. Hard working, creative and a quick learner with a good leadership quality. Looking forward to enhance her skills in order to contribute to the development of organisation.

## **Summer Intern | Indian Railway [June 2017 – July 2017]**

Worked on Signal and Telecommunication (Data Communication and Mobile Communication) under CSTE/NMO Northern Railway.

## **Projects:-**

### **Minor Project: College Management System**

Objective: To automate all functionalities of a college.

Software: JAVA and C.

### **Major Project: Line Follower Robot using Arduino**

**Experience:** Fresher

**Languages:** C, C++, JAVA, VHDL.

## **Extracurricular Activities**

- Won 1st Prize in athletic event cross country race from GBU 2013 to 2017.
- Coordinator of Sports club, GBU.
- Awarded as best athlete in GBU in 2014.
- Won many awards in sports and artistic events held in GBU from 2013 to 2017
- Good badminton player won gold medals in shauryotsva, GBU from 2014 – 2016, silver medal in inter college badminton league held in Galgotia College in 2016
- Organized a Quad Copter workshop in GBU, 2014.
- Participated in solid works (ansys) workshop held in GBU.
- Participated in National Events:- Eco-kart and off Road battle
- Participated in National Science and Maths Olympiad at school Level.
- Coordinator at Abhivyanjana (cultural fest), GBU from 2014 to 2016.

# SWATI SINGH



**Final year student of Wireless Communication. Graduation in Electronics engineering.** An ambitious, hardworking student seeking opportunities so as to **enhance her skills and contribute to productivity of the organization.**

## Projects

- 1.Minor project** on Bluetooth controlled device.
- 2.Major project** on Automatic Car Parking System using Load Cells.

**Technical skills:** C,C++, Lab View (Currently self-learning )

## Summer Intern | SSPL,DRDO [May 2016 – July 2016]

Performed Silicon etching through KOH to study the roughness of Silicon Wafers. Also had a view of photolithography process in MEMS laboratory.

## Summer Intern | CEL, SAHIBABAD [June 2017– July2017]

Analyzed and studied the techniques for Railway Track Detection using different types of counters.

## Extracurricular Activities

- Worked and operated Hand Robots at ROBOTICS workshop.
- Implementation of Analog Amplifier in CETPA workshop.
- Prizes in sports fest (SHORYOUTSAV) – Volleyball, Basketball, Throw ball.
- Zone Level basket ball player.



<https://www.linkedin.com/in/swati-singh-aa1a47128/>

# VIVEK BHARTI



A resourceful Computer Science Engineering graduate who is passionate about coding and designing of applications.

## Skill Set

Java Core & Advance, Python, Joomla, JavaScript, SQL, C++, PHP

## Internships

### Astrea IT Services | May 2017 – July 2017

Tested a mobile application and developed a demo application.  
The system was built using Meteor JavaScript language.

### Wizards Info Pvt Ltd | May 2016 – July 2016

Developed a web portal that could be used to show news.  
The portal was developed on Joomla and based on Model View Controller architecture.

### Summer Training | October 2014-July 2015

Core Java from Aptech Computer Education

## Extra-curricular Activities

**Organiser:** Organised a Google Student Ambassador Outreach Program.

# DIVYANSHU GANGWAR



Electronics and Communication engineer with a good hands on experience and understanding of electronics circuits.

## Experience

- Did major project on Internet of Thing and design PUF (physically unclonable function ) which makes our product more secure and reliable using cross simulation on Matlab 2016
- Did minor project on AVR Atmega based obstacle detector with added functionality of path based speed management system
- implemented a modified version of the popular board game 'monopoly' on Visual C++

## Summer Intern | DELHI METRO RAILWAY CORPORATION

- Study of public information display system (PIDS)
- done a project on crowd sensing based scheduling and pids optimization and integrated it with a cardless gsm based ticketing system

## Summer Intern | ADVANCED LEVEL TELECOM TRAINING CENTRE (ALTTC)done avr atmega32

- Done Atmega based projects such as an integrated calender/timer/temp sensor
- Garnered proficiency in simulating on various robotics development platforms such as Microsoft robotics developer studio, proteus 8.3 and vrep pro

## Summer Intern | NIPPON SIGNALLING PVT LTD

- Analysis of cbtc based metro driverless systems and T&C of interlocking systems
- Involved in EMC/EMI studies and study of interference in the 2.4 ghz cbdt communication channel

## Additional areas of interests

- Badminton ,chess, pc game modding

# NAVNEET KUMAR GAUTAM



Electronics and Communications Engineer with specialization in Wireless Communication and Network. Experienced in projects across multiple platforms.

## Experience

- **Major project** on DOCKLINK PLUS web designing to enhance better communication between patient and doctor.
- **Minor project** on “LDR based power saving device”.
- Participated in robotics workshop.

## Summer Intern | BSNL (ALTTC) Embedded System And Robotics

- Basic knowledge of microcontroller.
- Hands-on experience on Atmega-16 .

## Technical Skills:

C, C++, basic knowledge of HTML

## Extracurricular Activities

- Part of GBUCL-1 (Gautam Buddha Cricket League )
- Second runner-up in GBUCL-2 (Gautam Buddha Cricket League)
- Part of organizing team of GBUCL.
- Badminton player at school level.

# More Profiles



**SWETA SAGAR**

**Internship :** "Study of Analog and Binary Control Systems"-BHEL

**Skills:** Cognitive Radio Ad Hoc Networks , C, Java



**GARIMA SAROHA**

**Internships :** Intern at ONGC and DRDO

**Skills :** C, C++, PHP, HTML,SQL



**ANJALITYAGI**

**Internship :** Intern at 'Defense Research and Development Organization(DRDO)'

**Skills :** C, C++, Java, HTML, SQL



**KARTIKA PRADEEP**

**Internship :** Internet Of Things (IOT) Explorata (Formerly Technomentis)

**Skills :** Java, C, Python, Raspberry Pi, Arduino



**ARSHAD**

**Project :** CRC Portal

**Skills :** Core Java, Advance Java, Basic HTML, Database Management



**NIDHI VERMA**

**Internship :** Internet Of Things (IOT) Explorata (Formerly Technomentis)

**Skills :** C++ , C language ,Java ,Android ,HTML ,My SQL



**PRABHAT KUMAR SAINI**

**Projects:** Water Management ER-Sheet

**Skills :** JAVA (J2EE), CSS, Java Script, C/C++, HTML ,SQL,



**ANKITA CHAUDHARY**

**Internships :** Data Networking, CAODV routing protocol

**Skills :** Essential basic programming of MATLAB software and ns2 software



**SANKALP SHUKLA**

**Internship :** Intern at

Technomentis Edu Services,

**Skills :** Java, C, Embedded C, IOT, MYSQL, MS SQL Server, MySql, MS Access



**GEETA SINGH**

**Internships :** HCL-CDC, Noida.

BSNL, Varanasi

**Skills :** MATLAB/SIMULINK, Proteus , 8051 & PIC16F877A, C, JAVA, VHDL



**WASEEM AHMAD**

**Projects :** Car Accident Avoidance System (B.tech project), Visual cryptography for Biometric privacy (M.tech project 2nd sem)

**Skills :** C, C++ , Core Java



**ANJALI SAINI**

**Internships :** BSNL ,DMRC, Nokia

**Skills** C, C++, SQL, JAVA, VHDL, MATLAB, SIMULINK



**MITALI KAUR**

**Internships** Ministry of Railways,BSNL

**Skills** Diadem, Labview, Matlab, Simulink, Java, C, Data structure, VHDL



**SHALINI TYAGI**

**Internship :** BHEL, NTPC

**Skills :** C, MATLAB



**MONIKA KASHYAP**

**Internship :** IOT based Internship from Technomentis

**Skills :** C, Java, IOT



**AMAN DUBEY**

**Internship :** RailTel Corp

**Skills** Java, C++, C, MySQL, HTML5 , MS Access



**SHALU RANA**

**Internship :** Worked on cloud computing

**Skills :** C, Java, Python



**VERSHA SIDDHARTHA**

**Internship :** Worked on Internet Of things

**Skills :** C, java

**MANISHA BHATI**

M.Tech (Computer Science)

**HIMANSHU YADAV**

B.Tech (CSE) & M.Tech (Software Engineering)

**VINDHYA MAVAI**

B.Tech (ECE) & M.Tech (Wireless, Communication and Networks)

**SHIKHA SHARMA**

M.Tech (Computer Science)

**ALPANA YADAV**

M.Tech (Computer Science)

**TARUN GUPTA**

B.Tech (ECE) & M.Tech (Wireless, Communication and Networks)

**SANKET BHARDWAJ**

B.Tech (CSE) & M.Tech (Intelligence Systems and Robotics)

**NARENDRA PRATAP SINGH**

B.Tech (ECE) & M.Tech (Wireless, Communication and Networks)

**JYOTI SINGH**

M.Tech (Wireless, Communication and Networks)

**SWETA SAGAR**

B.Tech (ECE) & M.Tech (Wireless, Communication and Networks)

**ANKITA CHAUDHARY**

B.Tech (ECE) & M.Tech (Wireless, Communication and Networks)

**SHAILESH CHANDRA PANDEY**

M.Tech (VLSI Design)

**SACHIN BHATI**

M.Tech (Computer Science)

**RITIKA**

M.Tech (Computer Science)

**NEHA SINGH**

M.Tech (VLSI Design)

**RONAK BAL**

B.Tech (CSE) & M.Tech (Intelligence Systems and Robotics)

**NAZAR IMAM**

B.Tech (CSE) & M.Tech (Software Engineering)

**ARTI KUMARI**

B.Tech (CSE) & M.Tech (Software Engineering)

ANKUR MAVAI

B.Tech (CSE) & M.Tech (Software Engineering)

YAMAN PARASHER

B.Tech (ECE) & M.Tech (Wireless, Communication and Networks)

RAJAT KUMAR

B.Tech (CSE) & M.Tech (Software Engineering)

SANDEEP

B.Tech (CSE) & M.Tech (Intelligence Systems and Robotics)

ANKUSH TOMAR

B.Tech (CSE) & M.Tech (Software Engineering)

APOORWA SINGH

B.Tech (CSE) & M.Tech (Software Engineering)

PRASHANT BHATI

B.Tech (CSE) & M.Tech (Software Engineering)

SHUBHAM KUSHWAHA

B.Tech (CSE) & M.Tech (Software Engineering)

MOMEEN MALIK

B.Tech (CSE) & M.Tech (Software Engineering)

ROHIT KUMAR

B.Tech (CSE) & M.Tech (Software Engineering)

KAPIL KUMAR

M.Tech (Computer Science)

LOKESH SINGH

M.Tech (Wireless, Communication and Networks)

SANDEEP K SINGH

B.Tech (CSE) & M.Tech (Software Engineering)

SARTHAK

B.Tech (ECE) & M.Tech (Wireless, Communication and Networks)

# PLACEMENT OFFICE

The placement office of ICT consists of a group of highly motivated group of faculty and students who aim to provide the students the best of opportunities in terms of placements. With the mentorship of the placement incharge, the team handles crucial activities like :-

- Reaching out to the companies
- Frequent expert sessions for the students to help them cope up with the industry requirements
- Communication between students and recruiters etc
- The team strives to strike a match between recruiter expectations and student aspirations

## **The key members of the placement team include :**

- Dr. Vinay Litoria      Manager, Corporate Rel.      [crc@gbu.ac.in](mailto:crc@gbu.ac.in)      +91 9717195787
- Dr. Navaid Z. Rizvi      Placement In-charge, ICT      [navaid@gbu.ac.in](mailto:navaid@gbu.ac.in)      +91 9971475401
- Mr. Vimlesh Kumar      Placement In-charge, ICT      [vimlesh@gbu.ac.in](mailto:vimlesh@gbu.ac.in)      +91 9650081596

## **Student Placement Coordinators include:**

Varun Garg, Apurva Jha, Sachin Pandey, Shubham Kushvaha, Yaman, Rajat Saxena, Vikas Dixit, Bhawesh Chandola, Sarthak Garg, Shobhit Sharma

# PLACEMENT PROCESS



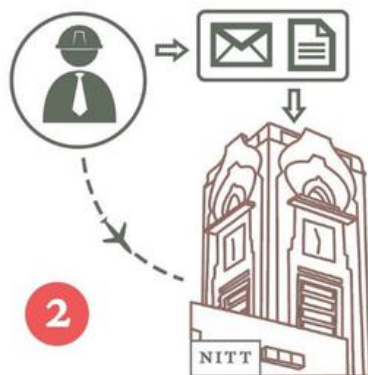
1

## INVITATION

The Placement Office sends invitations to companies/organisations along with UG and PG brochures and Pre Visit Response (PVR) sheet through mail.

## REVERT WITH PRE VISIT RESPONSE

Interested companies will revert with filled-in Pre Visit Response (PVR) sheet which contains details such as job description, streams, eligibility criteria, compensation details and selection procedure.

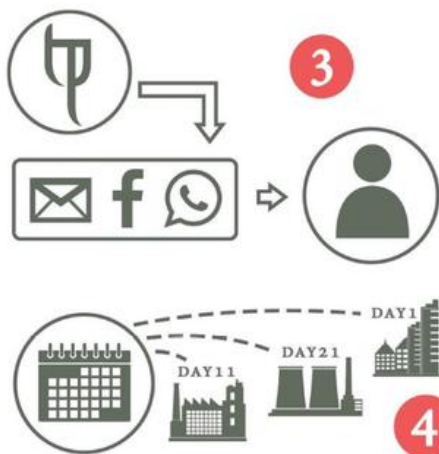


2

## STUDENTS ARE NOTIFIED

Students are notified about the company requirements and the list of the interested candidates will be collected and the same is forwarded to the company.

Dates will be allotted for the selection process on campus.



3

4

## PPT AND PLACEMENT PROCESS

The Training and Placement Department will provide audio visual requirements such as laptops and LCD projectors for Pre- Placement talk before the placement procedure begins.

Pre-Placement talk is followed by the placement process as per the company's requirements.

5



6



7



## RESULTS, OFFER LETTERS

After the completion of the placement process, the company is required to give the list of the selected candidates to the Training and Placement Department on the same day itself.

Offer letters can be sent to Training and Placement Department to the address mentioned in the last page of the brochure through courier.



8

9



Training and Placement Department conducts several activities for the benefit of students throughout the year.

**Campus Placement Coaching (CPC)**  
An intensive coaching is given to the students in pre-final year which will help in improving their interpersonal and technical skills.

**Resume verification**  
All the resumes will be verified for the authenticity by the Training and Placement Department.

As a part of placement coaching the Training and Placement Department conducts aptitude, verbal and technical test; Group discussions and Personal Interviews.

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RECRUITERS

# Get in touch.

SCHEDULE A MEETING WITH US

## ADDRESS

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(NCR), Uttar Pradesh  
201312

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## TELEPHONE

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+91 9650081596

## EMAIL

crc@gbu.ac.in  
sictplacements@gmail  
.com





/ MOUNTAINEERS CLUB /

# CLIMB HIGHER HEIGHTS