

# ALMANAC

**ISSUE 1, 2019** 

#### **DEPARTMENT**

**OF** 

#### **COMPUTER APPLICATION**

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#### **DEPARTMENT EDUCATORS**



Mr. Mohd. Kalamuddin Ahmad **Email :** mohdkalam@iul.ac.in



Dr. Md. Faizan Farooqui **Email :** ffarooqui@iul.ac.in



Dr. Mohd Muqeem

Email: muqeem@iul.ac.in



Dr. Sandeep Kumar Nayak **Email:** sknayak@iul.ac.in



Mr. Anwar Bari
Email: anwarbari@iul.ac.in



Mr. Mohd Haleem

Email: haleem@iul.ac.in



Mr. Sudheer Kumar Singh **Email**: sudheer@iul.ac.in



Mrs. Nashra Javed

Email: nashra@iul.ac.in



Mr. Tabrez Khan

Email: tabrez@iul.ac.in



Mr. Arshad Ali

Email: arshad@iul.ac.in



Mr. Wasim khan

Email: wasimkh@iul.ac.in



Mr. Syed Mohd. Faisal

Email: smfaisal@iul.ac.in



Dr. Tasneem Ahmed **Email:** tasneema@iul.ac.in



Dr. Mohammad Ishrat

Email: mdishrat@iul.ac.in



Mr. Malik Shahzad Ahmed Iqbal **Email:** mshiqbal@iul.ac.in



Mr. Pradeep Kumar Singh **Email**: pradeep@iul.ac.in



Mr. Mohammad Isha Mansoori **Email :** mohdisha@iul.ac.in



Mr. Mohd. Mushtak Ansari **Email:** mmansari@iul.ac.in



Mr. Faizan Ahmad **Email:** fahmad@iul.ac.in



Ms. Saman Khan **Email:** samankhaniul.ac.in



Mr. Kashif Asad Email: kasad@iul.ac.in



Ms. Eram Fatima Siddiqui **Email:** esiddiqui@iul.ac.in



Ms. Gausiya Yasmeen **Email:** gausiyay@iul.ac.in



Ms. Abida Khanam **Email:** abidakhan@iul.ac.in

#### A TRIP DOWN MEMORY LANE

Welcome to the Department of Computer Application of Integral University.

The department was established in 2003 and is one of the most reputed academic departments in the field of Computer Application. The curriculum of this department is addressed to the students who wish to be distinguished as Software Developer, Computer System Analyst, Software Engineer, Software Application Architect, Hardware Engineer, Software Consultant, Database Administrator in the private and public sector.

We offer Bachelor of Computer Application, Master of Computer Application and Ph.D. programme. The combination of a dynamic and innovative curriculum takes advantage of the latest technologies, with the experienced faculties of the department. It further creates a fertile ground for the effective dissemination of knowledge and development of necessary skills for future professional recognition of students.

The department promotes research advancements by offering doctoral program, contributing in the creation of future researchers and powerful academicians. The department continues to build on a tradition of excellence and innovation in research, teaching and service to create a vibrant community of faculty, graduate students and undergraduate students that are ready to make a difference in the world.











#### **DEAN'S MESSAGE**



The 'ALMANAC' magazine of Department of Computer Application, Integral University highlights the progress of the department in the last decade. I am delighted to see the energy and enthusiasm of the department to take initiatives in establishing better alumni relationship.

As I reflect on the last few years, I take enormous pride in the growth of our department and all that we have accomplished together. And I hope that all of you feel the same way.

One of the great privileges of my years as the Dean has been getting to know our alumni. I admire them for the remarkable contributions they make to the larger society, and I am deeply grateful for their active support in department.

Our faculty, to whom our students and alumni owe so much, are advancing knowledge in every realm of the computer applications and undertaking research. I want to commend them for their leadership in developing the department's strategic plan and their commitment to deliver quality education.

As we progress through 2019 and beyond, I encourage all Alumni to look up; strive to achieve new heights; reach out to their peers and mentors and thank them for their support and friendship. And when you have time, come back and join us for any event. Many great changes have taken place at your alma mater, but you'll find that there are still many reminders here that will take you back to your days at IU.

Dr. Syed Nadeem Akhtar Dean, Department of Computer Application, Director Planning & Research, Integral University.

#### **HEAD'S NOTE**



#### Dear Alumni,

The Department of Computer Application, Integral University is proud to publish our very own alumni magazine 'ALMANAC' which focuses on connecting and strengthening bonds with our alumni. We also promise that through this medium we will keep you informed about the progress that the department has made over the time. Great universities have active and involved alumni. Once you pass out and get involved in family and work, after some time

you are out of touch with those who were outside your close circle. The world is getting more and more complicated as each day passes. 'ALMANAC' will help you stay connected to those friends, seniors, juniors and to the vast resources available here, from the faculty that taught and guided you to the libraries, seminars and symposia, web sites and moreover to the memories of a lifetime that you have lived studying here.

Among you are entrepreneurs, scientists, performing artists, educators, volunteers and public servants. Every single student has made us proud. We value each of our students and encourage you to explore all that we have to offer to stay connected and make yourself and the bond stronger.

Almanac is also a medium to know more about you, the height that you have attained. Donate your time. Think of ways you can give back to the department to whatever degree you are comfortable. There are many ways, from career and academic mentoring to volunteering time at on- and off-campus events to simply attending academic and social events.

Finally, be proud to be alumni of Computer Application Department, Integral University. Whenever you are in Lucknow please do not hesitate to visit your alma mater. All of you have taken away great memories, friendships to last a lifetime. Many great changes have taken place but you'll find that there are still many reminders here that will take you back to your days at IU.

So thank you and please come back often.

Dr. Mohammad Faisal Head, Department of Computer Application, Integral University.

#### FROM THE EDITOR'S DESK

As we say "A picture is worth thousand words" and a great image can perfectly convey a depth of emotion, reaction and understanding that words often fail to capture. However, as a writer, I will never underestimate the sway words have over the human soul. In this inaugural issue of ALMANAC magazine, I sought to not only combine words to inform and entertain our readers, but to fuse them with images from the depths of Department of Computer Application archives. All the messages from Alumni were fascinating, hearing their stories of development and growth in Department of Computer Application was captivating, and motivating. I hope you enjoy every stop on



this tour of the department progress from the last decade and reconnect to the voices and experiences you encounter. It's a small step towards a long journey which will help us to bridge the gap between department and Alumni. We welcome your feedback and will see you again with a new issue in 2020.

Mrs. Nashra Javed
Vice-Chairperson,
Department Alumni Relational Committee (DARC),
Editor & Designer ALMANAC,
Department of Computer Application,
Integral University.

# INTEGRAL UNIVERSITY ALUMNI ASSOCIATION (IUAA)



The Integral University Alumni Association is worthy of praise for reaching out to the alumni and connecting them to their alma mater. It is indeed through their untiring efforts that a strong bond has been built between them and the University. This eternal tie will act as a pillar of support for both the University and the alumni as alumni of any institute are its lifetime achievement. The University has achieved great heights in the past decade for which it becomes necessary to thank its past and present students who put in all their efforts to come out victorious in the competitions of life.

Dr. Salman Khan President, Integral University Alumni Association (IUAA), Integral University.

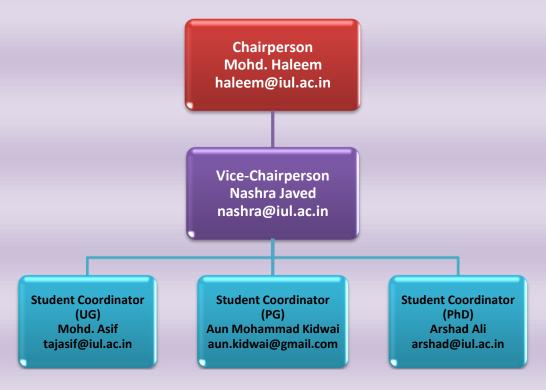
# DEPARTMENT ALUMNI RELATIONAL COMMITTEE (DARC)

It's a matter of immense pleasure and honor for me that our department is going to publish 1<sup>st</sup> ever alumni magazine since its establishment. It is indeed very heartening to witness that our University and the department have carved a name for itself in the academic scenario of the region. The alumni association can help you stay connected to those friends and the faculty members that taught and guided you. Alumni association is all designed to support you as you pursue your post-academic life and career. I'm proud that our



alumni are active contributors to their professions and to their communities around the globe. The association exists wholly and solely to help our alumni to have a platform to interact with department and fresher's. Being a chairperson of the departmental alumni committee and cabinet member of the University alumni association I express my sincere thanks to all our beloved alumni for their contribution in the preparation of this alumni magazine.

Mr. Mohd. Haleem
Chairperson,
Department Alumni Relational Committee (DARC),
Department of Computer Application,
Integral University.



#### **VOICE OF ALUMNUS**



College days are the best days of one's life. I am grateful to all my teachers; they are the charming gardeners who made my soul blossom. None of us got where we are solely by pulling ourselves up all by our own. We got here

because of the endless support and guidance of our families – one we are born to and one where we are nurtured to become an individual – Alma Mater. My 3 years of MCA at Integral University were one of my best experiences. It gave me exposure to both extracurricular activities along with great academics that has helped me manage multitasking and interpersonal skills in my professional life. The star asset of Integral University being the distinguished faculty members who gave me much more than rote knowledge and always inspired me to think out of the box; always helped me throughout with encouragement. In retrospection, I stand deeply indebted to my department, faculty members and my Alma Mater.

I could never thank you enough for the person you have made me and the eternal influence you have on my life.

#### RATNESH KUMAR CONSULTANT, COGNIZANT MCA (2005 -2008)



I would like to thank Integral University and all faculty members for making me a "True Professional". The complete ensemble, including the faculty, infrastructure, co-curricular activities, industry interface, placement assistance and the

soft skill training contributed to make me "Future Ready". My journey with Integral University was enormous.

#### AZMAT ALI KHAN TEAM LEAD, ACCENTURE SOLUTIONS MCA (2006 -2009)



I am proud to be alumni of Integral University which has stood as a platform for elevating me to the position where I am today. In the fruitful 3 years' time spent as a student in MCA and 5.5 years'

time spent as a teaching assistant in CA department. My overall Integral University experience was great and it has groomed me well. It is a garden for the young talents to nurture. The faculty is wonderful, very approachable, affirming of each accomplishment and always there to help when needed, not just for career oriented but for personal advice as well. College has a well-stocked Library with books on various topics. The class rooms of the college are spacious and well ventilated. I wish all the best for the future endeavors of the Integral University."

#### MOHD ARSHAD ALI SENIOR SOFTWARE ENGINEER, SOPRA STERIA INDIA MCA (2008-2011)



My college phase consist of 5 years which includes both bachelor's & masters. Integral University is the launch pad for young talents and I am proud that I am one of it! In 2015, I cracked the TCS Code vita Season 4 with All

India Rank 235. This was the end result but the beginning of it was more before. The knowledge you get through your course is the core and then rest is with you to evolve yourself. There is always a positive environment provided by department of computer applications for students and faculty members, which makes an overall good learning atmosphere.

FAIZ AHMED TEST AUTOMATION LEAD ,TCS BCA (2011-2014), MCA (2014-2016)



Integral University has been a learning institution for me, I would never forget the golden journey of 6years being student of learning there. Thanks to all my teachers who has blessed us with their full potential by shredding the knowledge in

all the domains. Apart from the Academic regularities, we have got lot of moral support from each and everyone. For me the faith factor matters a lot .We learned how to be disciplined and be meritorious as well. Special Thanks to our gurus for being so generous and cooperative to lead us where we are. Last but not least, Thanks for the placement cell of IU, They have been very cooperative when it comes to providing needful training for the Interviews and providing good campus placement offerings to us.

#### ASHFAQUE KHAN SENIOR SOFTWARE ENGG., KLOUDGIN BCA (2009-2012), MCA(2012-2015)



Integral University, A place that became a part of my life. The memories I earned from this place will always be with me till the last breath. From my very first day to the day of our convocation each single day I got to learn something new from the teachers of our department.

Teachers are very humble, polite and cooperative. And the environment is perfect for the students to concentrate in their study and perform well. In my course of three years I got to participate in various academic as well as extracurricular activities. I also volunteered to organize and coordinate various events in our department, which eventually nourished my leadership skills. Whatever I am today, I owe a major part of it to the Integral university.

SHIVANSHU SRIVASTAVA SYSTEM ENGINEER,TCS BCA (2013-2016)



Integral university has given me such a platform and opportunity to build my career the way I dreamt of. It's one of the institutions which really focus on skill building of every

student. One of the key points to raise this institution's standard is their continuous improvement on academic innovation. Faculties are pure gem and they always give 100 percent on their effort. Not just towards academic but they value extra curriculum equally. I am grateful for being part of this valued academy. During my 2 years of MCA I have collected golden memories of my educational spell.

#### SHAHANA SHAFIQ PROJECT LEADER - MAINFRAME STORAGE, IBM INDIA LTD. MCA (2010-2012)



Integral University to me is a guide that showed me the real path of my life, A hope that allowed me to dream about the impossibilities. When I joined the university, I

completely had no idea about what to do with my life. What carrier should I pursue. But as the days passed and I became familiar to the staff and the faculties the vision became clearer. Here I joined Bachelor of Computer Applications and I was so grateful to the teachers and the department that I had no choice than to pursue my PG from this university only. The faculties are great and the college environment is well disciplined, cooperative and supportive. Today I have started my own company which is working well and providing me a respectable status in the society. I owe my complete success to the University and the department.

SHUBHAM KUMAR CEO, THE S\_CORP BCA (2013 -2016), MCA (2016-2018)



Achievements-applauds, opportunities-thoughts, this is what I gained from IU. It gave me a platform that I will cherish always. Someday I won and some days I learned. IU always held my back, from inspiring words of our teachers,

my life in IU was and will be the best experience. One of the most interesting stages in life that gives you an opportunity to explore is the college phase. My experience at University has taught me one fundamental thing – life is unpredictable. It might be good, it might be bad, it might be weird, and it might not interest you, but expect anything to happen. It is a perfect blend of joy and hardships. You meet different people, you interact with them, and you learn about their cultures and grow as a person. IU provided me with a great balance of academics and extracurricular activities. The great college life I experienced here was profoundly aided by the excellent and friendly staff. The time I have spent in this college is paving the way towards fruitful and enriching career.

#### ZEESHAN KHAN ACCOUNT MANAGER, HICOM PROTECTION SYSTEMS, DUBAI MCA (2011- 2014)



I have completed my Bachelor's and Master's degree from Integral University. Integral is the best place to grow, educate oneself and learn about team work. Integral provided us with a great platform for

technical events, sports and extra curriculum. Integral has the safest environment for girls. Teachers were very helpful, supportive and always encouraged us for various events. Teachers prepare their students for the real world. Integral's Placement cell provided us with aptitude classes, mock tests, and mock interviews. Placement cell works very hard to place their every student in a reputed company.

SURABHI SRIVASTAVA SOFTWARE ENGINEER, TCS BCA (2011-2014), MCA (2014-2016)



The most glorious phase of one's life is college life. One of the most interesting stages in life that gives me an opportunity to explore is the 'college phase.' Life at

college is the time when the teenage years end and we all dive deep into the ocean of new beginnings and possibilities. This golden period better equips you for all the challenges you'll face in life and creates a strong foundation of knowledge. My experience at IU has taught me one fundamental thing - life is unpredictable. It might be good, it might be bad, it might be weird, and it might not interest you, but expect anything to happen. For example, I might have a wonderful job this moment, and be fired the very next moment. College gave me exposure to both extracurricular activities along with great academics that has helped me manage multitasking and interpersonal skills in my professional life. College life prepares me for all of this. It is a perfect blend of joy and hardships. I meet different people, I interact with them, I learn about their cultures and grow as a person. I understands how to talk to different people, how to judge their behavior, thus helping me with important life skills. In retrospection, I stand deeply indebted to my department, faculty members and my Alma Mater.

#### VIKAS BAJPAI SYSTEM ENGINEER, TCS MCA (2017 -2019)



Integral University has been a great contributor towards the development of my personality. By participating in the interuniversity events conducted by Management, I have

established my leadership, time management and team skills and have also been able to advance these skills to whole new augment level. My journey with Integral University was awesome.

> MANAS GUPTA DB PROGRAMMER, TCS MCA (2008 -2011



Future of a person is built on two bases; one is his parents and the other is his educational institution. IU days are more transformational than school days. I am very thankful to all my teachers as they are the

reason after Almighty for what I am now. IU days are unforgettable and have the most contribution in my career, beside the regular course, through its seminars, sport activities, and festivals. The qualities we earned throughout this journey are reflected in some way or other and prove the quality of education and discipline we had. What strengthens this relation is an exceptional desire to be always connected with IU by any mean or mode, and my wishes to give my department and faculty members my time, respect, and support at least if I can't thank them enough.

#### HISHAM MOHAMMAD AJMAL PROJECT MANAGER, FIDELIS TECH. MCA (2007-2010)



It were those 3 graceful & joyful years of my life under influence of most intellectual atmosphere at IU which has built up a firm & strong eligible personality within

myself. It was those 3 years that had made me to stand at this successful stage of my life. From day one to last of my academia at IU was just amazing & adorable, especially the last year had been most graceful time because by that time we had developed a deep bonding with Staff & faculty members, who were like family members at my second home IU. They all stood adorably supportive & co-operative that had mad students and me to enjoin a success in this life. CA department have no words to define its prominence or even all of the departments and various productive programs held here are those things which just brings out precious gems out of ashes. I truly enjoyed my period at Integral and even today I have been in touch with most of my staff & faculty members. SAIF MEHDI

ASSOCIATE CONSULTANT, INFOSYS (MCA 2012-2015)



College days are the best days of one's life. I am grateful to all my teachers; they are the charming gardeners who made my soul blossom. None of us got where we

are solely by pulling ourselves up all by our own. We got here because of the endless support and guidance of our families – one we are born to and one where we are nurtured to become an individual - Alma Mater. My 3 years of MCA at Integral University were one of my best experiences. It gave me exposure to both extracurricular activities along with great academics that has helped me manage multitasking and interpersonal skills in my professional life. The star asset of Integral University being the distinguished faculty members who gave me much more than rote knowledge and always inspired me to think out of the box; always helped me throughout with encouragement. In retrospection, I stand deeply indebted to my department, faculty members and my Alma Mater. I could never thank you enough for the person you have made me and the eternal influence you have on my life.

#### GUFRAN HASAN TEAM LEAD, NORTH SHORE TECH. MCA (2008 -2011)



I did my bachelor's and master's degree from integral university. It has helped me grow technically and professionally. This university provided me a

great platform to enhance my skills and make me technically sound. My Department has given me several opportunities to showcase my talent on a larger platform. My decision for selecting the university was one of the best decisions of my life.

> SHIKHAR BHARGAVA SOFTWARE ENGINEE, TCS BCA (2011-2014), MCA (2014-2016)



"Education's purpose is to replace an empty mind with an open one."

-Malcolm Forbes I totally agree with the above statement regarding my college. I came here as an empty mind but now I

can say confidently that yes I belong to this college. College memories are really awesome and the teachings of our faculties are really very influencive and they helped me a lot in making exposure towards my career goals. Every time we would meet up, we will never fail to recall how we were back in college; how we were molded to what we are now. College is a dry run of the rest of our lives. It's a training ground on how to be successful and become good people. My 2 years of MCA at Integral University were one of my experiences. It gave me exposure to both extracurricular activities along with developing my interpersonal well skills as development. The star asset of Integral University being the distinguished faculty members who provided me with much more knowledge and to think always out of the box. They always encouraged me for keep trying always. In recapitulation; I stand deeply towards my department, faculty members and even all the staff management. I could never thank you for the person you have made me and the eternal influence you have on my life.

#### HARSHITA SHUKLA SOFTWARE ENGINEER TRAINEE, HEXAWARE TECHNOLOGIES MCA (2017-2019)



I have spent six years of my youth in Integral University and I feel nothing but honor to be alumni of such a prestigious academic marvel. This place has not

only taught me the syllabus of my course but has helped to carve me into a better version of myself. At Integral, I was presented with numerous opportunities of all kinds, which when I put into the best use helped me to channelize my potential in the most suited direction. These opportunities got me skilled on leadership and interpersonal skills which later on helped me very smoothly glide into my professional life. My job role leads me to visit colleges and universities of the entire state, it was then that I was able to compare that the things that Integral University provides it's students, no other institute doesthe infrastructure, discipline, co-curricular activities, placements and exposure have raised the bar not only for the institutes of the state but of the entire north region of the country. One of the reasons of why am I connected so deeply with Integral is the fine quality of the faculty members who never fail to connect to you on a personal level and support you in every possible manner for which I will forever be thankful! Best wishes and regards to Integral family.

ANIRUDDH RAJ SRIVASTAVA BYJU'S BCA (2012-2015), MCA (2015-2018)



I always believe, life has divided into three major parts: Academic, Work and Retirement. One of the most interesting stages that have given me an opportunity to explore is the life at IU. Integral University is much beyond just an "Institution". It denotes a Culture of excellence, empowerment and enrichment, in which I have grown up, mature, and discovered who I am. Being a part of IU, I feel blessed as it has shaped my personality and clarified my vision of the future. Teaching is a very noble profession that shapes the character, caliber, and future

of an individual and our teachers were like a backbone for us. I got a lot of love and support from my teachers & colleagues. Your dedication, enthusiasm and insight are really inspiring. I wish you many years of great achievements.

NEERAJ MISHRA

PROJECT LEADER @ VERIDIC TECHNOLOGIES PVT LTD.
MCA (2008-2011)

#### HONOR ROLL

# **FIESTA 2019**

- ❖ 1<sup>st</sup> position in Carom (Boys) Competition in Annual Sports Meet.
- ❖ Laraib Ashraf & Ayushi Shukla of BCA won 2<sup>nd</sup> position in Badminton girls.
- ❖ 1<sup>st</sup> position in Basketball (Girls).
- ❖ Mahvish Zaidi of BCA won 2<sup>nd</sup> position in Slogan Writing Competition (Urdu).
- 2<sup>nd</sup> position in Inter University Basketball.
   Shagun Sharma of BCA won 2<sup>nd</sup> position in Shot put.
- ❖ Ila Yadav of BCA won 3<sup>rd</sup> position in Hack IU
- \* Runner up in IUCL (Integral University Cricket League).



# **FIESTA 2018**

❖ 1st position in Carom (Girls) Competition in Annual Sports Meet.



- ❖ 1st prize in Football Competition.
- \* Runner-up in Cricket Competition.
- \* Runner-up in Basketball Competition.
- Naved Ahmad of BCA won 2nd prize in Topsy-Turvy.
- ❖ Zaheeb Anwar Shamsi of BCA won 3<sup>rd</sup> prize in Topsy-Turvy.

## **FIESTA 2017**

- ❖ Igra Imran of BCA won 1st prize in Fiesta Logo Competition.
- ❖ Harshita Shahi of BCA won 1st prize in Chess Competition.
- ❖ Mohd Arslan Farooqui of BCA won 1st prize in Power Lifting Competition.
- ❖ Mohd. Uzair of MCA won 2nd prize in Power Lifting Competition.



### **FIESTA 2015**

- ❖ Shamim Ejaz of MCA won 1st Prize in Carom competition.
- \* Rani Siddiqui & Nausheen Siddiqui of MCA won 2nd Prize in Topsy Turvy.
- ❖ Mohammad Wasim & Mohammad Zeeshan of MCA won 3rd Prize in Topsy-Turvy.
- ❖ Shruti Tripathi of BCA won 1st Prize in A Minute To Win It.
- ❖ Sanjay Dubey of MCA won 2nd Prize in A Minute To Win It.
- ❖ Mohd. Agib of BCA won 3rd Prize in A Minute To Win It.
- Noshina Siddiqui MCA won 1st Prize in Paper Presentation.
- ❖ Naved Ahmad of BCA won 2nd prize in Topsy-Turvy.
- ❖ Mariya Fatima MCA won 2nd Prize in Paper Presentation.



# **FIESTA 2014**

- Md. Anas & Unnati Nigam of BCA won 1st Prize in English the Slogan Writing.
- Md. Aqib & Shubhango Ghoshal of BCA won 1st Prize in event The Mystery Trail.
- Shivanshu Srivastava of BCA won 1st Prize in Network Giant.
- ❖ Faiz Ahmad of MCA won 1st Prize in Web Designing.
- Divya Gaur of MCA won 1st Prize in Technical Paper Presentation.
- ❖ Tamseel of BCA won 2nd Prize in Robo Race.



# HALL OF FAME

# BCA TOPPERS

Session	<b>Student Name</b>	Percentage
2009-2010	Shubhra Gupta	79.35
2010-2011	Nashra Javed	82.55
2011-2012	Akansha Srivastava	80.80
2012-2013	Chhaya Joshi	82.97
2013-2014	Surabhi Srivastava	84.42
2014-2015	Roma Srivastava	85.53
2015-2016	Yushra Ansari	85.27
2016-2017	Shivangi Srivastava	87.93
2017-2018	Tarannum Firdaus	90.72
2018-2019	Twinkle Agarwal	90.66

# MCA TOPPERS

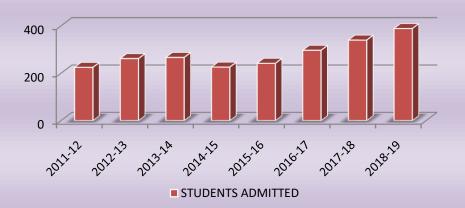
Session	Student Name	Percentage
2006-2007	Vivek Shukla	84.27
2007-2008	Garima Sahai	76.75
2008-2009	Sharib Ahmad	80.00
2009-2010	Prachi	80.34
2010-2011	Sumera Jafri	80.29
2011-2012	Shagufta Naseem	84.07
2012-2013	Sara Khan	85.34
2013-2014	Noor Zahra Rizvi	85.35
2014-2015	Deeba Kazim	89.32
2015-2016	Surabhi Srivastava	85.46
2016-2017	Eram Fatima Siddiqui	84.41
2017-2018	Gulistan Anwar	83.71
2018-2019	Swicriti Pandey	89.41

#### **PLACEMENT PROGRESS**



YEAR	PLACED COUNT
2011-12	46
2012-13	53
2013-14	21
2014-15	23
2015-16	34
2016-17	18
2017-18	36
2018-19	78

#### **ADMISSION PROGRESS**



SESSION	STUDENTS ADMITTED
2011-12	225
2012-13	262
2013-14	267
2014-15	226
2015-16	242
2016-17	297
2017-18	340
2018-19	389

# **ALMACONNECT**

Every year in Orientation Programme some of our Alumni visit department for interacting with our freshman to motivate and inspire them. Department also invites Alumni for delivering workshops, seminars, expert lectures and industry talks from which our students greatly benefits.

### Some of the active contributors:



ANIRUDDH RAJ SRIVASTAVA



**SAIF MEHDI** 



**FAIZ AHMED** 



SHIVANSHU SRIVASTAVA



SHUBHAM KUMAR

### **ALUMNI TECHPERSPECT**

# **Automation: A Change Must Be Implemented!**

Every software development team tests its products, yet delivered software always has defects. Test engineers strive to catch them before the product is released but they always creep in and they often reappear, even with the best manual testing processes. Automation is the best way to increase the effectiveness, efficiency and coverage of your software testing. Automation is a very wide word encapsulating various technologies into a single category. Automation itself a complete solution to the problem statement occur due to human error. It's an answer to accuracy and competence.

An automated testing is able to predefined actions, compare the results to the expected behavior and report the success or failure of these manual tests to a test engineer. Once automated tests are created they can easily be repeated and they can be extended to perform tasks impossible with manual testing.

#### **Testing Improves Accuracy**

Even the most conscientious tester will make mistakes during monotonous manual testing. Automated tests perform the same steps precisely every time they are executed and never forget to record detailed results. Testers freed from repetitive manual tests have more time to create new automated software tests and deal with complex features

#### **Automation Does What Manual Testing Cannot**

Even the largest software and QA departments cannot perform a controlled web application test with thousands of users. Automated testing can simulate tens, hundreds or thousands of virtual users interacting with a network, software and web applications.

#### **Automated Testing Helps Developers and Testers**

Shared automated tests can be used by developers to catch problems quickly before sending to QA. Tests can run automatically whenever source code changes are checked in and notify the team or the developer if they fail. Features like these save developers time and increase their confidence.

#### **QA** and **Dev** Team Morale Improves

This is hard to measure but we've experienced it firsthand. Executing repetitive tasks with automated software testing gives your team time to spend on more challenging and rewarding projects. Team members improve their skill sets and confidence and, in turn, pass those gains on to their organization.

Author: Faiz Ahmed Test Automation Lead, TATA Consultancy Services, Awadh Park , Lucknow.

## **Android Development: "The Rise Of KOTLIN"**

To decide if you should use Java or Kotlin for Android development is a debate that is still fresh with pros and cons on either side. But despite the argument, Kotlin marches on with a strong developer force behind it, replacing regular Java as it strengthens. It has been 6 years since the arrival of Kotlin, but it has only been commercially available for a little over a year. Developed by JetBrains programmers, Kotlin is a statically-typed programming language that runs on JVM (Java Virtual Machine) and can also be compiled to JavaScript source code or uses the LLVM compiler infrastructure.

Kotlin's biggest strength and one of the biggest advantages of Java users is its interchangeability with Java. A project can be compiled perfectly with both codes existing side by side. Learning Kotlin for an experienced Java developer will not take more than a couple of hours and the flexibility allows for incremental transitioning. There are some exceptional features of Kotlin for Android app development that make it stand out in a crowd:

**Brevity** - A lot of developers praise Kotlin for being concise. This is a quality Java is not known for; however, readability should always take priority over concision. Yes, the succinct nature of Kotlin simplifies a developer's job and mitigates the risk for error.

**Interoperability** - Interoperability is Kotlin's core purpose. From the beginning, the project's intention has been to use existing knowledge and expertise to make every library available to Kotlin programmers. Developers can simply write modules in Kotlin that work flawlessly within existing Java code.

**Inbuilt Null Safety -** Kotlin's type system has inbuilt null safety. The infamous NullPointerException is largely responsible for Android development mistakes. Android relies on null to represent the absence of a value, but null can easily destroy an app. Kotlin solves this problem by incorporating inherent null safety. This addition saves developers from writing extra code to work around the issue.

**No Raw Types** - Before generics came into play, raw types were used quite frequently. Raw types allow for backward compatibility, but raw types can throw a CastClassException and the error will occur during execution and not the compiling stage. Kotlin does not allow raw types, and as a result, produces a more type-safe code.

**No Checked Exceptions -** The checked exception feature in Java can be problematic. Checked exceptions are when the compiler forces the caller of a function to catch or (re-throw) an exception. Non-existent checked exceptions are annoying for developers because empty catch blocks force developers to weed through the code to identify a nonexistent exception. As a solution, Kotlin removes them entirely, which minimizes verbosity and improves type-safety.

Kotlin is quickly proving itself to be a superior programming language for mobile app development and presents developers with a wealth of opportunity to experiment with modern programming. Overall, Kotlin is setting a new standard for what a programming language should be able to accomplish.

In 2019, more enterprise leaders are migrating to Kotlin or planning to do so. Mobile products like Pinterest, Twitter, Netflix, Uber, AirBnB, Trello, and Evernote are all switching to Kotlin for Android applications. While the adoption of cross-platform Kotlin development hasn't been explosive, major industry players are taking note of the many benefits Kotlin has to offer.

Author: Azeem Hashmi Android Team Lead, Quaere e-Technologies Pvt. Ltd, Cyber Tower, Lucknow.

# **Growth And Opportunity In IT Sector**

As the world is growing up, the Information Technology is playing a vital role to modernized and shape up the things around us. Social media, mobility, analytics and cloud set to redefined businesses are opening new routes for IT professionals.

IT sector is moving with its exponential pace and with varied opportunities in different fields of Science and Technology. To better understand what importance it holds against the economy and trending job roles, we can see the top ten companies in the world have major contribution from the IT sector (Apple, Microsoft, Google, Facebook, Tencent).

In India IT sector has increased its contribution to India's GDP from 1.2% in 1998 to 7.7% in 2018-19 and sector aggregate revenues of US\$ 181 billion in 2018 with export revenue US\$137 billion and domestic revenue US\$44 billion, growing by 13% and forecasted that revenue would be US\$ 350 billion by 2025, along with its growth it would also bring various opportunity for IT professionals. Already our IT companies like TCS, Infosys, Wipro, HCL Technologies, Cognizant, Tech Mahindra, Oracle, Facebook, Samsung, Accenture, Mindtree and many others are offering Jobs for experienced professionals as well as fresher's every year with handsome salary package, good job location and dreamed amenities.

In this decade Indian Government is going through its transition phase where they are introducing IT in its every move for timely delivering the services, improving the transparency, reducing corruption and controlling the leakage of fund. With this, government is also combating to cyber crime. Requirement of skilled professionals is also increasing from military, CBI, IB, RAW, ISRO to various state agencies.

IT is an emerging sector and it has been the backbone of our nation where every traditional employment opportunity is transformed into digitization. It has the capability to open new dimensions and career prospects with huge demand for research and development.

In this App based era IT sector has a major contribution in our country's economy and automated governance. So with its importance it brings attractive career opportunity in public and private sector.

Author: Mohd Mushtaq Ansari Senior Supporting Staff, Department of Computer Application. Integral University, Lucknow.

## **END TO END ENCRYPTION: Way To Chat Safer!**

We live in an era of social networking and internet. People these days use social media such as Facebook, Twitter etc to communicate with each other more often than real world verbal communication. With this evolution and technology, multiple applications that can be used for messaging have been introduced in the market such as WhatsApp, Facebook Messenger and Telegram etc. These applications are being highly used by today's generation. But how can we guarantee that whatever message that has been sent by the sender is read by the receiver only and not by the intermediatory channels and servers. To solve this problem and to make the data more secure, concept of End to End Encryption comes into picture.

What is E2EE (End to End Encryption): End-to-end encryption is an implementation of asymmetric encryption where two types of keys are used at each side, Public Key and Private Key. Before establishing the communication, the public keys of both sides are shared. Sender uses receiver's public key to encrypt the message which can only be decrypted using receiver's private key.

Thus end-to-end encryption ensures the readability of data only to the two ends i.e. sender and receiver.

**Usage of E2EE** (**End to End Encryption**): We believe that most of the data shared via facebook, snapchat or instagram etc. is safe but actually it's not. Every next day we come to know about the data breaches that result into leakage of its user's private data in a large amount. To overcome this situation, and gain trust of its users modern application are adopting End to end encryption. Some applications that have achieved E2EE till date are Telegram, Whatsapp and Viber etc

#### Is E2EE enough to secure our data?

Even after providing encryption and privacy of data at a great level, E2EE is not enough to provide complete security. As per the security experts the most vulnerable place for your data is not during transition from sender to receiver, but rather when it's stored or displayed at one end or the other. if someone can gain control of a device, all the messages can be read even without performing decryption.

#### What else can be done along with E2EE to ensure complete security?

To avoid such situations, it is our responsibility to control the security of our data and apps rather than relying on third parties. Awaring ourselves about the latest security issues and performing a security check on our devices time to time for loopholes, backdoors and vulnerabilities will definitely help in keeping ourselves and our data safe and secure.

Author: Shivanshu Srivastava System Engineer, Tata Consultancy Services.

## Sim Jacker - Are We In The E-Sim Era Now???

Sim Jacker is an exclusive and undetected vulnerability and associated exploits that have been uncovered by AdaptiveMobile security. This vulnerability is currently being actively exploited by a specific private company that works with governments to monitor individuals.

In a typical Simjacking attack, An SMS containing a specific type of spyware-like code is sent to a mobile phone, this spyware then instructs the SIM Card within the phone to take over the device for retrieving and performing sensitive commands and operations. During the execution of attack, the user of the mobile phone is completely unaware about the attack and the information that was retrieved, and the commands that were executed. These Simjacking attacks can be extended further to perform additional cyber crimes.

Prevention from Sim jacking can be done from any of the below mentioned two methods can be used as a preventive measure against Sim Jakcing:

#### 1. Taisys' slimduet® enables SIM-firewall

To provide prevention against Sim Jacking, Taisys Technologies a company that has established its name as a Global mobile security solution provider has announced SIM-firewall function within its slimduet® product.

Taisys' slimduet® is a paper-thin SIM that attaches to the SIM card and allows download of local mobile connectivity when traveling abroad. Slimduet® is highly secure and approved by Financial Service Agency (FSA) in Japan and is also widely deployed in China, Africa, and India. This SIM-firewall discloses all suspiciously hidden SMS validation in order to protect the SIM.

#### 2. eSIM

An eSIM is a SIM-card embedded in the mobile device that stores all information that is necessary to identify and authenticate the mobile subscriber.

The eSIM is also known as an eUICC or embedded Universal Circuit Card, It comes in the form of an integrated SIM chip that cannot be removed from a device. The information on the eSIM is compliant and rewritable by all operators. The identification information of such sim can be updated over the air, to enable a change of operator. There is no need to change the eSIM when operator is changed.

Author: Shubham Kumar Chief Executive Officer, The S\_Corp.

## **Entrepreneurship: Become A Future Leader To Empower Others**

"As we look ahead into the next century, leaders will be those who empower others."

-Bill Gates

It's almost 7 years when I completed my Masters of Computer Application from Integral University (2012). Since then I have worked for many startups and reputed companies. In all these years of my experience, I realize that entrepreneurship education should be part of the university.

Entrepreneurship is not only about starting our own business. It is the capacity to be creative and innovative, act upon opportunities and ideas in order to transform them into value for others. It means being able to drive change, to create new possibilities and improve the world we live in by taking on societal challenges of all kinds.

Entrepreneurship can be quite stressful, but starting at university can allow a student to gain the necessary life skills and confidence to make it in the "real" world, by gaining hands-on experience with entrepreneurial tutors and lecturers, and by taking advantage of free resources for university members. Student entrepreneurship events can be organized by the university to allow students to meet likeminded people, in an atmosphere of creativity and broad-mindedness.

It allows students to learn more than just their chosen field of study, and creates an interdisciplinary environment to work and develop in. The networks and friendships which develop help students to become better connected once they leave university, and help prepare them for long term success.

Author: Naim Uddeen Founder of Small India Software Technology, Lucknow.

# **ALUMNI CORNER**



Shakeeb Khan Security Administrator Wipro Infotech (MCA 2005-2008)



Fahad Syed Regulatory Systems Specialist GSK (MCA 2005-2008)



Nizam Khan Technical associate Cognizant (MCA 2009-2012)



Faiz Ahsan Technical Architect Landis+Gyr Ltd (MCA 2008-2011)



Geeta Yadav System Engineer Infobeans Technologies (MCA 2011-2013)



Aman Alam
Developer Evangelist
Organization: Akamai
Technologies
(MCA 2007-2010)



Nitin Pandey
Senior Software Engineer
IndiaLends
(MCA 2007-2010)



Mohd Wasim
Technical Consultant on
AS/400 (IBM I series)
Capegemini
(MCA 2011-2014)



Nitin Hukmani Project Engineer Wipro Limited (MCA 2013-2016



Mohammad Asad Ansari Senior Software Engineer Majesco Software (MCA 2008-2011)



Mohd Shahid Azmi Senior Technical Associate Sears Holdings (MCA 2008-2011)



Adnan Siddiqui System Engineer TCS (MCA 2013-2015)



Talha Zafar Associate Consultant ATOS India (BCA 2008-2010)



Tabrej Ahamad Senior Software Engineer Sopra Banking Software Solution Private Ltd India (MCA 2010-2013)



Saif Mehdi Associate Consultant Infosys (MCA 2012-2015)



Aftab System Engineer TCS (BCA 2014-2017)



Azeem Hashmi Android Team Leader Quaere E-Technologies Pvt. Ltd (MCA 2011-2013)



Tarannum Khan
QA and Testing Senior
Analyst
Deutsche Bank Dublin,
Ireland
(MCA 2011-2013)



Robin Rizvi Architect KloudGin (MCA 2011-2013)



Sadiqa Kausar
Programmer
Dr. A. P. J. Abdul Kalam
Technical University,
Lucknow, India
(MCA 2011-2013)



Komal Walia Software Developer Databorough India (BCA 2008-2011 & MCA 2011-2013)



Mobassherah Sadia System Engineer TCS (MCA 2012-2015)



Shuchita Pandey Deputy Manager ICICI, Lucknow (MCA 2011-2013)



Abhilash Joseph Software Engineer Databorough India Pvt Ltd (MCA 2013-2016)



Mohammad Fahad Software Developer HCL Technologies (MCA 2012-2015)



Jyoti Kesarwani Assistant Manager Bank of Baroda, Lucknow (MCA 2011-2013)



Gaurav Chaturvedi Software Engineer Brain Technosys Pvt. Ltd. (MCA 2013-2016)



Alam Nawaz
Researcher
School of Chemical
Engineering, Yeungnam
University
(MCA 2009-2012)



Jayashwa Singh Chauhan VA/PT Engineer Bharti Airtel (BCA 2015-2018)



Vipul Kumar Java Developer Aurus Tech Pvt Ltd (BCA 2014-2017)



Zaheeb Anwar Shamsi Software Developer Hewlett Packard (BCA 2014-2017)



Naved Khan System Engineer TCS (BCA 2014-2017)



Anas Khan Server Admin TCS (BCA 2014-2017)



Raquim Saifi System Engineer TCS (BCA 2014-2017)



Mohammad Yusuf Associate Analyst Wipro HR Pvt. Ltd. (MCA 2017-2019)



Anku Kumari Junior Developer HCL (BCA 2008-2011)



Umama Rafi System Engineer TCS (BCA 2014-2017)



Mohammad Azeem Faisal
Technical Support
TCS
(BCA 2014-2017)



Shivangi Srivastava Technical Support TCS (BCA 2014-2017)



Mirza Aquib System Administrator TCS (BCA 2014-2017)



Alan Lohani Associate Technical Support Tech Mahindra (BCA 2014-2017)



Kshitij Srivastava EduGorilla PHP Developer (MCA 2017-2019)



Rahul Mehta Software Developer Cedcoss (MCA 2017-2019)



Mohd. Sarfaraz Ansari Programmer TCS (BCA 2014-2017)



Hamza Usmani iOS Developer Cedcoss (MCA 2017-2019)



Kanchi Sindhi Software Developer Cedcoss (MCA 2017-2019)



Ranjan Vaish
Digital Marketing
Cedcoss
(MCA 2017-2019)



Mohammad Mohsin Naeem Seller Support Concentrix (MCA 2017-2019)

### DEPARTMENT AT A GLANCE

#### SEMINARS ORGANIZED



# **Emerging Trends and Advancements in Cyber Security**

A National Seminar organized by Department of Computer Application on "Emerging Trends and Advancements in Cyber Security", on 4th April 2016 in Integral University. The seminar was organized under the aegis of Indian Society of Technical Education (ISTE). Mr. Navniet Sekera, IPS, IG Women Powerline U.P. Police was the chief guest of the seminar. Prof. Bharat Bhasker from department of Information Technology and System, IIM Lucknow was the guest of honor. Other esteemed guest included Prof. Sandeep Kumar Shukla from Department of Computer Science and Engineering, IIT Kanpur and Dr. Pramod Dixit Deputy Director, PNBIIT, LKO.

#### **Cyber Threats to Digital World**

A National Seminar on "Cyber Threats to Digital World" on 24th September 2014. The seminar was organized under the aegis of Indian Society of Technical Education (ISTE). Mr. Rakshit Tandon, a famous Cyber Security Expert and Director of A & R Info solution, Agra was the keynote speaker at the occasion. Mr. Tandon emphasized on the present scenario of cyber crimes and stated that awareness of cyber threats must be spread among the internet users in the country.



**Cyber law & Information Security** 

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A National Seminar On "Cyber law & Information Security" On 2nd March 2013. The seminar was organized under the aegis of Indian Society of Technical Education (ISTE). Dr. Vikram Singh, Vice Chancellor, Noida International University, former Director General of Police, U.P. was the chief guest at the occasion, he emphasized on the present scenario of cyber crimes and stated that cyber laws must be strictly followed in the country. Dr. Abhishek Vaish, Associate Professor, Dept of Cyber Laws & Information Security, (IIIT Allahabad was the keynote speaker at the seminar. He discussed various technical issues of data & information security.

#### **WORKSHOPS ORGANIZED**



# AI Application development using IBM Watson

A one day hands on workshop in association with OWT Technologies on "AI Application development using IBM Watson" on 30<sup>th</sup> Sep 2019. The Demonstrator – Dr. Saif Abrar (Technical Lead, IBM India Pvt Ltd) having more than two decades of industry experience, was very professional and expressive. He took all the pains to enlighten the real procedure of developing an AI application using IBM Watson, to the students who participated in this session of live demonstration and practice.

# Information and Communications Technology Awareness

A one week workshop on "Information and Communications Technology (ICT) Awareness", from September 9, 2019 to September 14, 2019 for MCA students under the aegis of Indian Society for Technical Education (ISTE). Experts from academia and industry discussed recent technological advancements and their utilities in day to day life. Interesting sessions by Dr. Alka Agarwal from Baba Saheb Bhimrao Ambedkar University (A Central University) Lucknow on Digital Forensic.





Day 2 session began with dynamic talk by Dr. Dhirendra Pandey from Baba Saheb Bhimrao Ambedkar University (A Central University) Lucknow on Software Process and its methods. Mr. Anshul Pandey from EUINAC Pvt. Ltd., Lucknow delivered a practical session on Cyber Security, and started the Day 3 session by demonstrating how easy it is to hack a Smartphone and plant a bug on it which will give you access to all of the phone's owner private information.

On day 4, the meaning and concepts of machine learning were told and practically data analysis was demonstrated by Mr. Amit Singh from CETPA InfoTech Pvt. Ltd, Lucknow. Day 5 began with a very interesting session on Digital Threat in Cyber Security – A Cyber 可知 by Mr. Shubham Sarkar from S\_Corp. Various vulnerabilities, cyber threats and attacks on the internet and their prevention techniques were discussed with case studies. The final session of the workshop on day 6 was on Machine Learning presented by Dr. Haider Raza, Research Fellow at Institute for Analytics and Data Science (IADS), School of Computer Science and Electronic Engineering, University of Essex. The art of learning from data was explained in detail and how big MNCs are using it to proliferate their sales and revenue.

#### Finding the Gap & Bridging the Gap in IT Industry

A workshop in association with Mychatri on "Finding the Gap & Bridging the Gap in IT Industry" on 17<sup>th</sup> August 2019. The Demonstrator – Mr. Ravi Pratap Singh, having more than 8 years of experience in web and app development, was very professional and expressive. Mr. Singh took all the pains to enlighten the real procedure of developing an application ('App') using android platform, to the students who participated in this session of live demonstration and practice.



### Python and its Applications with IOT

Competitive Examination Preparation Committee has organized a two day workshop on "Python and its Applications with IOT" in association with "Softpro India Computer Technologies Pvt. Ltd. Lucknow" on 26th and 27th September 2018 for BCA and MCA final year students.

#### **ORACLE**

A workshop on "ORACLE" on 31st October 2018, in association with Pie Infocomm Private Limited Lucknow. The light in this workshop was thrown on "THE IMPORTANCE OF ORACLE AND WHY IS IT MOST SECURE DATABASE". Also difference between Oracle 8 to 12c (8, 8i, 9i, 10g, 11g, 12c) were highlighted.





# Ethical Hacking and Information Security (Hack-O-Phoenix)

A two day workshop on "Ethical Hacking and Information Security", 19-20 Sep 2015 in association with Cyberzone India (P) Ltd. under the aegis of ISTE Chapter. Mr. Mayank Khare, CEO Cyberzone India (P) Ltd and Mr. Sachin Gupta, Director Cyberzone India (P) Ltd was the keynote speaker. The workshop has been specifically designed to provide the right knowledge to the aspiring Hacking and Cyber Security enthusiasts. This workshop focused on Ethical Hacking.

#### **EXTRA CURRICULAR**

#### Open Mic 2019

Literary Society of department organized Open Mic on 30<sup>th</sup> September 2019 for students at university level. The objective of the activity was to discover the hidden talents in the students. The students participated enthusiastically in the event. They gave an outstanding performance of self-composed poems. Events like this encourage students to hone their skills as these are essential for the development of overall personality of students.



# IUSSC Donation Drive 2019



Integral University Social Service Committee organized a Donation Drive in collaboration with Nawazish and Shifa social clubs for helping unprivileged of Lucknow city. During Integral University Annual Fest (Fiesta) every year we team up with students and faculty members as volunteers for various donations. This Fiesta 2019 the following activities were undertaken, like collection of funds, clothes, story books, activity books, blankets, etc donating to the "I Support Foundation" which provides a daycare facility for Autism Spectrum Disorder, Cerebral Palsy, Mental Retardation and other multiple disabilities.

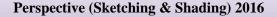
#### Nawazish (Spreading Humanity) – A Social Campaign 2018

Nawazish (Spreading Humanity) – A Social Campaign is an initiative by Department of Computer Application for helping orphans and old age homes of Lucknow city. This Fiesta 2018 we had collaborated with Shifa Social Service Group and raised funds again for one of the Free Women Old Age Home (APNA GHAR) under Venus Vikas Sansthan.



# Nawazish (Spreading Humanity) – A Social Campaign 2017

Nawazish (Spreading Humanity) – A Social Campaign is an initiative by Department of Computer Application for helping orphans and old age homes of Lucknow city. This Fiesta 2017 we had raised funds for one of the Free Women Old Age Home (APNA GHAR) under Venus Vikas Sansthan. Lots of clothes were donated and distributed to different orphanages and old age homes. And the funds that were raised by our team helped the Chairperson of Old Age home Dr. Nirmala to install an inverter at APNAGHAR. She was thankful by the efforts of Integral University staff and students and was inspired by the dedication and generosity of donors.



Artistic Committee of Computer Application Department has organized a sketching event named "PERSPECTIVE" for recognizing the talent and passion of art in students regardless of their education discipline. Participants enthusiastically completed their task in the allotted time. Participants were awarded with certificates and prizes.





#### **Aptitude Competition – Apti-Tech 2016**

Competitive Examination Preparation Committee (CEPC), Department of Computer Application, organized an aptitude test "APTI-TECH" on 23rd February 2016 under the aegis of ISTE Chapter. The test has been specifically designed to provide the platform to prepare the students for the upcoming campus recruitment processes.



#### Nawazish - A Social Campaign 2015

Nawazish is an initiative by Department of Computer Application for helping orphans and needy of Lucknow city. The first activity was done during Fiesta 2015 on 2nd & 3rd November in which donation of clothes was done at University level. Lots of clothes were donated and distributed to different orphanages and old age homes

#### **X'ZEQT 2015**

Competitive Examination Preparation Committee (CEPC), Department of Computer Application, organized an aptitude test "X'ZEQT" on 7th October 2015 under the aegis of ISTE Chapter. The test has been specifically designed to provide the platform to prepare the students for the upcoming campus recruitment processes. X'ZEQT is a Technical test, which included Analytical/logical Reasoning and **Programming** Ouestions.



#### **Theme Based Poster Presentation 2015**

Department of Computer Application organized "Theme Based Poster Presentation" on 8th October, 2015 on the topics like Virtual Reality, Human Computer Interaction, 5G Wireless Technology, Digital India, Green Computing, Big Data, etc, under the aegis of Indian Society of Technical Education (ISTE) Student Chapter. Students worked in a team to present their creativity and knowledge on the topics allotted to them. BCA and MCA first year students enthusiastically participated and bagged various prizes and certificates.



#### **Notice Board Expo 2015**

Department of Computer Application organized an event "Notice Board Expo" for the awareness of current trends and technologies on 5th April 2015. BCA and MCA students participated enthusiastically and bagged various prizes.

#### **Aptitude Competition – Apti-Tech 2015**

Department of Computer Application organized "APTI-TECH 2015", an aptitude competition under the aegis of Career Counseling Committee on 18th – 19th March 2015. The event brought together existing and aspiring enthusiasts from all branches of different Departments of the University. The main focus was to guide the students for preparation of entrance exams of different Industries.





# Technical Poster Presentation on Emerging trends in Computing Technologies 2014

Department of Computer Application organized Technical Poster Presentation on 22nd September, 2014 on the "Emerging trends in computing technologies" like cloud computing, Artificial intelligence, Neuroscience etc, under the aegis of Indian Society of Technical Education (ISTE) & Computer Society of India (CSI) Chapter. BCA and MCA students enthusiastically participated and bagged various prizes and certificates.

# PLACEMENT RECORD

### BCA (2018-19)

DCA (2010-17)	
NAME	ORGANISATION
Mohammad Adil	ATMECS Technologies Pvt Ltd.
Pratiti Srivastava	ATMECS Technologies Pvt Ltd.
Shivani Shukla	Extramarks Education Pvt. Ltd.
Hamna Khan	Global Classroom Pvt. Ltd.
Jyotsana Srivastava	Global Classroom Pvt. Ltd.
Kavita Rawat	Global Classroom Pvt. Ltd.
Km Supriya Dubey	Global Classroom Pvt. Ltd.
Mohd Mugishuddin	Loop IT Methods Pvt. Ltd.
Mohd Bilal	SAP Labs
Twinkle Agarwal	SAP Labs
Aditya Vishwakarma	Teleperformance
Dure Yakta Abidi	Teleperformance
Yasir Ali Khan	Teleperformance

### MCA (2018-19)

NICA (2010-17)	
NAME	ORGANISATION
Adiba Khan	Bell Infotech Systems
Anupam Mishra	Mega Infomatix
Anupam Yadav	Mega Infomatix
Pradeep Yadav	Mega Infomatix
Mohd Shuaib	Amaze Courier Pvt. Ltd
Hamza Usmani	CEDCOSS
Kanchi Sindhi	CEDCOSS
Komal Bachani	CEDCOSS
Kush Kumar Saxena	CEDCOSS
Md Yusuf	CEDCOSS
Priyanka Rajput	CEDCOSS
Rahul Mehta	CEDCOSS
Swicriti Pandey	CEDCOSS
Mohd Anas	Clicklabs India
Kshitij Srivastava	Edugorilla Community Pvt. Ltd.
Harshita Shukla	Hexaware Technologies
Komal Bachani	Infoseek Software Systems
Ahmad Bilal Siddiqui	INFRANIX Technologies
Kirti Tripathi	IT1 Services
Rajan Vaish	IT1 Services
Arpita Bharadwaj	Pie Infocomm Pvt. Ltd.

Komal Bachani	Pie Infocomm Pvt. Ltd.
Mohd Anas	Pie Infocomm Pvt. Ltd.
Swicriti Pandey	Pie Infocomm Pvt. Ltd.
Sonali Gupta	Satrix Technologies Pvt. Ltd.
Abhishek Jaiswal	SRDT Pvt. Ltd.
Komal Bachani	SRDT Pvt. Ltd.
Priyanka Rajput	SRDT Pvt. Ltd.
Sonali Gupta	SRDT Pvt. Ltd.
Vikas Bajpai	Tata Consultancy Services
Kirti Tripathi	Technosys Services Pvt. Ltd.
Atul Patel	Wipro Ltd.
Md Yusuf	Wipro Ltd.

### BCA (2017-18)

	(===:==)
NAME	ORGANISATION
Abhijeet Mukherjee	Tech Mahindra
Aftab Siddiqui	Martizaa Ecom Operator
Jamuna Kumari Sah	Teknavigators
Mariyam Fatima	Tech Mahindra
Nitin Lama	Tech Mahindra
Rachita Agarwal	Tech Mahindra
Mohd Shariq Ali	Tech Mahindra
Shah Fahad	Vortex Infosolutions
Sheereen Anjum	Tech Mahindra
Shivam Shukla	Tech Mahindra
Shubham Raj Jaiswal	Vortex Infosolutions
Umrah Qadeer Khan	Tech Mahindra
Ushna Salman	Tech Mahindra
Vaibhav Agarwal	Teknavigators

# MCA (2017-18)

NAME	ORGANISATION
Aishwarya Rai	Softpro
Aniruddh Raj	Softpro
Atul Priyadarshi	Shree Technocrat
Eti Srivastava	Softpro
Gulistan Anwar	Softpro
Mohd Asif Qureshi	Technosys
Mubarak Ali	Headstar Technologies

Pankaj Upadhyay	Vortex Infosolutions
Pankhuri Mathur	Softpro
Pradeep Yadav	Galaxy Informatics
Saina Fatima	Logimetrix Techsolutions
Sarah Suhail	Softpro
Yushra Ansari	Akaruilabs

### BCA (2016-17)

	A (2010-17)
NAME	ORGANISATION
Abhishek Pandey	Tech Mahindra
Ailan Lohani	Eureka Forbes
Akshat Srivastava	Live Software Solutions
Arnav Singh	Tech. Mahindra
Arpita Bharadwaj	Tata Consultancy Services
Avinash Singh	Tech. Mahindra
Ayush Saran	Live Software Solutions
Eqra Naseem	Tata Consultancy Services
Kashifa Abbasi	Tata Consultancy Services
Kshitij Srivastava	Live Software Solutions
Md. Anas	Tata Consultancy Services
Mirza Aquib	Tata Consultancy Services
Mohammad Faisal	Tata Consultancy Services
Mohd. Aqib	Tata Consultancy Services
Md. Mohsin Naeem	Tech. Mahindra
Mohd. Sarfaraz	Tata Consultancy Services
Naved Ahmad Khan	Tata Consultancy Services
Owais Aftab	Tata Consultancy Services
Prashant Srivastava	Live Software Solutions
Raqim Saifi	Tata Consultancy Services
Rohit Gautam	Eureka Forbes
Rosy Rehanullah	Tata Consultancy Services
Satyam Tripathi	Tata Consultancy Services
Saumya Gupta	Tech. Mahindra
Shadab Ahmad	Tata Consultancy Services
Shivangi Srivastava	Tata Consultancy Services
Shubahngo Ghosal	Tata Consultancy Services
Sumit Kumar	Eureka Forbes
Trivikram Singh	Eureka Forbes
Umama Rafi	Tata Consultancy Services
Unnati Nigam	Eureka Forbes
Utkarsh Srivastava	It1 Services Inc
Vikas Bajpai	Infoseek Software System Pvt. Ltd.
Zaheeb Shamsi	Tech. Mahindra
Zoya Khan	Tata Consultancy Services

# MCA (2016-17)

NAME	ORGANISATION
Anisha Yadav	HP Education
Ayush Seth	SRDT Pvt. Ltd.
Mohd. Saad Anjum	SRDT Pvt. Ltd.
Shahnawaz Akhtar	Vasonomic Pvt. Ltd.
Shivesh Pandey	Technosys Services Pvt. Ltd.
Shubham Gupta	SRDT Pvt. Ltd.
Tamseel Ahmad	SRDT Pvt. Ltd.
Zaiba Haroon	SRDT Pvt. Ltd.

#### BCA (2015-16)

<b>Den (2015-10)</b>	
NAME	ORGANISATION
Umair Abdul Rahim	ICICI Pru. Life Insurance Ltd.
Ahmad Arif Alavi	Tata Consultancy Services
Aun Mohd Kidwai	Tata Consultancy Services
Azkar Ahmad	Tata Consultancy Services
Gulistan Anwar	Tata Consultancy Services
Mohd Asif Qureshi	Tata Consultancy Services
Mubarak Ali	Tata Consultancy Services
Shikhar Srivastava	Tata Consultancy Services
Shivanshu Srivastava	Tata Consultancy Services
Ahmar Hasan Khan	Wipro Ltd.

# MCA (2015-16)

Md. Saddam Khan  Abhilash Joseph  Divya Gaur  Fahad Shariq  Data Borough  Data Borough  Data Borough  Data Borough	Md Caddam Whan	
Divya Gaur Data Borough Fahad Shariq Data Borough.	Ma. Saddam Knan	Collegedunia.com
Fahad Shariq Data Borough.	Abhilash Joseph	Data Borough
•	Divya Gaur	Data Borough
Ivoti Cunta Data Rorough	Fahad Shariq	Data Borough.
Jata Bolough	Jyoti Gupta	Data Borough
Noshina Siddiqui Data Borough	Noshina Siddiqui	Data Borough
Umaira Nahid Data Borough	Umaira Nahid	Data Borough
Zeba Rizvi Data Borough	Zeba Rizvi	Data Borough
Abida Khanam HCL CDC. Ltd.	Abida Khanam	HCL CDC. Ltd.
Divya Gaur HCL CDC. Ltd.	Divya Gaur	HCL CDC. Ltd.
Mohd. Saif HCL CDC. Ltd.	Mohd. Saif	HCL CDC. Ltd.
Izhar Ahmad Indoways E-Commerce &Sales	Izhar Ahmad	Indoways E-Commerce &Sales
Abida Khanam Infoseek Software System	Abida Khanam	Infoseek Software System
Farheen Laiq Infoseek Software System	Farheen Laiq	Infoseek Software System
Abida Khanam Spark Infosystems Limited	Abida Khanam	Spark Infosystems Limited
Farheen Laiq Spark Infosystems Limited	Farheen Laiq	Spark Infosystems Limited
Garima Singh Spark Infosystems Limited	Garima Singh	Spark Infosystems Limited
Gaurav Chaturvedi Spark Infosystems Limited	Gaurav Chaturvedi	Spark Infosystems Limited

Hasnat Khanam	Spark Infosystems Limited
Jyoti Gupta	Spark Infosystems Limited
Mohd. Saif	SRDT Pvt. Ltd.
Amisha Jauhri	Tata Consultancy Services
Faiz Ahmed	Tata Consultancy Services
Saif Khan	Tata Consultancy Services
Shikhar Bhargava	Tata Consultancy Services
Surabhi Srivastava	Tata Consultancy Services
Tausif Fatima	Tata Consultancy Services
Ankita Nigam	Wipro Technologies Ltd.
Ashva Ghosh	Wipro Technologies Ltd.
Deepali Srivastava	Wipro Technologies Ltd.
Fahad Shariq	Wipro Technologies Ltd.
Jitendra Shukla	Wipro Technologies Ltd.
Mohammad Zeeshan	Wipro Technologies Ltd.
Nitin Hukmani	Wipro Technologies Ltd.
Shubham Jaiswal	Wipro Technologies Ltd.
Soumya Awasthi	Wipro Technologies Ltd.
Surya Prakash Gupta	Wipro Technologies Ltd.

### MCA (2014-15)

WICA (2014-13)	
NAME	ORGANISATION
Adnan Siddiqui	Tata Consultancy Services
Akanksha Srivastava	Wipro Technologies Ltd.
Anvita Nigam	Wipro Technologies Ltd.
Archana Singh	Databorough
Ashfaque Khan	Databorough
Ashish Bajpai	Tata Consultancy Services
Chhaya Joshi	Infoseek Software Systems
Deeba Kazim	Wipro Technologies Ltd.
Diwan Adam Khan	Softpro
Gaurav Kumar Singh	UP Police CCTNS Project
Kashif Asad	UP Police CCTNS Project
Nikhat Ezaz	Softpro
Mobassherah Sadia	Tata Consultancy Services
Mohammad Fahad	Next Olive Technologies
Mohd Aquib Javed	Databorough
Mohd Zeeshan	SRDT Pvt. Ltd.
Nida Khan	Wipro Technologies Ltd.
Rekhanshi Sinha	SRDT Pvt. Ltd.
Samia Mehar	Databorough
Satyendra Vir Singh	ITCONS e-Solutions Pvt. Ltd.
Sayonara	Wipro Technologies Ltd.
Shivangi Saxena	18 Pixels India Pvt. Ltd.
Srishti Saxena	Wipro Technologies Ltd.

Tejesh Kumar	Wipro Technologies Ltd.
Vaibhav Jaiswal	Peevees Infotech Pvt. Ltd.
Vinay Srivastava	Wipro Technologies Ltd.
Vivek Singh	Pie Infocomm Pvt. Ltd.
Zareen Fatima	Wipro Technologies Ltd.
Nikhat Ezaz	Softpro

# BCA (2013-14)

NAME	ORGANISATION
Ankita Verma	AoN Hewitt
Rida Fatima	AoN Hewitt
Samad Kidwai	AoN Hewitt
Noshina Siddiqui	Glocal Technologies Ltd.
Surabhi Srivastava	Glocal Technologies Ltd.
Adnan Ahmed	Glocal Technologies Ltd.
Aanchal Bhugra	Wipro Ltd.
Faiz Ahmad	Softpro India Pvt. Ltd.
Nitin Hukmani	Softpro India Pvt. Ltd.
Saif Khan	Softpro India Pvt. Ltd.

# MCA (2013-14)

NAME	ORGANISATION
Md. Rashid Hussain	Bcube IT Services Pvt. Ltd.
Noor Zehra Rizvi	Data Borough
Rinki Tiwari	Data Borough
Pooja Singh	Data Borough
Mohd. Wasim	Data Borough
Vikas Shukla	Data Borough
Md. Mazhar Abbas	NIIT Technologies Ltd.
Md. Tamish	NIIT Technologies Ltd.
Md. Rashid Hussain	NIIT Technologies Ltd.
Piyush Srivastava	NIIT Technologies Ltd.
Zeeshan Khan	NIIT Technologies Ltd.
Tanya Mohan	Softpro
Noor Zehra	Softpro
Anuja Singh	Softpro

# BCA (2012-13)

NAME	ORGANISATION
Amir Abbas	Wipro Ltd.
Ankit Dubey	ICICI Prudential Life Insurance,
Mahboob Ansari	Larsen & Toubro Limited
Sukriti Garg	Wipro Ltd.
Vartika Srivastava	Wipro Ltd.

MCA (2012-13)

MICA (2012-13)	
NAME	ORGANISATION
Abhishek Dixit	Medma Informatix
Ana Rizvi	Bank of India
Arbaz Ahmad	Enterprise Management Solutions
Azeem Hashmi	Quaere E-Technologies Pvt. Ltd
Bhavika Mathur	Inknuts Multimedia Pvt. Ltd.
Dheerendra Singh	CMC
Fraz Khan	Acrowit Pvt. Ltd.
Gaurav Kr. Gupta	Oxient Technology Pvt .Ltd.
Gaurav Singh	Elite Technologies Ltd.
Geeta Yadav	Prosix Softron Pvt. Ltd.
Jyoti Kesarwani	Vijaya Bank
Jyoti Sinha	Elite Technologies Ltd.
Jypti Sinha	Elite Technologies Ltd.
Kishan Baranwal	Rinfotech Pvt .Ltd.
Komal Walia	Databorough
Md. Farhan	Fluxes Business Services
Mitali Agarwal	Punjab National Bank
Mohd. Shahbaz	SSC
Farhan Ansari	Huxes Business Services
Md. Amir Ansari	UG Software Solutions
Asim Chaudhary	Synapse Solutions Pvt .Ltd.
Shahbaz Khan	UP Police
Monisha Singh	Softpro
Mudassir Islam	Ucertify.com

Nashra Javed	Integral University
Neelesh Kumar	MGS Polytechnology
Neha Gupta	Softpro
Parvez Alam	Dish TV Pvt. Ltd.
Prachi Yagnik	Technosys Services Pvt. Ltd.
Prashant Rai	Softpro
Priya Saxena Priya Srivastava	Technosys Services Pvt. Ltd. Dynamic Edge Consultants.
Rahul Shukla	Maruti Suzuki
Richa Tiwari	Technosys Services Pvt. Ltd.
Robin Rizvi	Databorough
Sadka Kausar	Radiance Web Tech
Sahba Nauras	Alma Met
Sara Khan	Integral University
Satyendra Singh	Gyamodaya Mahavidyala
Saurabh Malviya	VPM Classes,
Shailesh Kr. Singh	Augurst technologies
Shobhi t Kumar	UG Software Solutions
Tarannum Khan	e Next Manager
Tripti Rungta	Elite Technologies Ltd.
Vasudha	UPTECH
Vijay Sharma	N. D. Micro Systems Pvt .Ltd
Vinay Kumar	LC Foods
Vishal Singh	Techprosoftware Pvt. Ltd.
Vivek Kr Verma	Web Tree Solutions
Tabrez Ahmad	Sands Creative Solutions



\*Note: Kindly email us your current details on ca.alumni.iu@gmail.com\*

# **DIVERSITY OF STUDENTS AT CA**

We are having students from different countries like Afghanistan, Kenya, and Nigeria.



# **FOLLOW US ON**



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ALMANAC: Department of Computer Application

#### Dear Alumní,

Jokes, gimmicks and laughter all around, Mid tests and exams which cause many to frown. All these were a part and parcel of your college life, With loads of fun and a little bit of strife. The saddest thing is that it was all too short and sweet, Campus training and placement helped you stand on your feet. And before you knew it, you belonged to the working clan, Long working hours dominated your entire day's span. You hardly have time to meet and catch up with old friends, Or compromise with college rivals and make amends. And when life assumes a really monotonous beat, An alumni meet will provide you with an interesting retreat. It is a chance to relive those old days, And meet up with old pals long after u parted ways. An opportunity to visit the place that shaped your future, And feel again the affection of your favorite teacher(s). So for reasons far more than one, This alumni meet will be really inte<mark>resting and lots of fun.</mark> This occasion is surely one not to miss, Please join us to add to the excitement and fizz. So, wherever you are and whatever you do, This is a great chance for us to show that we care for you. Department of Computer Application Organizing Departmental Alumní Meet 8<sup>th</sup> February, 2020





# **Integral University, Lucknow Department of Computer Application**

# **POST GRADUATE** DIPLOMA IN CYB SECURITY AND (PGDCSL)

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**Central Llibrary Facility** 

☑ State of Art Computer Labs

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Bus Facility Across City

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- ☑ Bachelor of Vocational Courses (B.VOC) (Software Development)
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- ☑ Post Graduate Diploma in Cyber Law & Security (PGDCLS)
   ☑ Departmental Library Facility
- Ph.D. Programme

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Special Attention for Technical Events

#### PLACEMENT

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- ☑ Departmental Placement Cell
- Special Arrangement of Pre Placement Preparation Classes in Curriculum
- Placement Assistance: Job Fair and Campus Selection
- **Best Placement Providers**
- **Industry Internship and Live Project**













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Active Social Groups

INFRASTRUCTURE

NSS

Cultural Events

✓ Literary Events

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- Smart Class Rooms
- Seminar Hall
- ☑ High Speed Internet Facility
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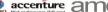
#### Alumni working in Major Companies like

TCS, Twitter, Wipro, Accenture, Amdocs, HCL, EMC2, IBM, Cape Gemini, Tech Mahindra, Cognizant, Public Sector Banks, Data Borough etc.



















For Any Enquiry : 0522-2890730, 2890812, 7007234793, 8896400141 E-mail : headca@iul.ac.in, admission@iul.ac.in