अnantha

The Power of Infinite Intelligence

V.E.S. Since 1962

Newsletter - Department of Master of Computer Applications

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Editorial Board

∞ Prof. Meenakshi Garg

∞ Prof. Sunny Nahar

∞ Manasi Pisal (MCA 2A)

∞ Nikita Halarnkar (MCA 2A)

∞ Mohit K. Tiwari (MCA 2B)

www https://bit.ly/3lmK

✉ newsletter.mca@ves.ac.in

Check out our YouTube channel and send in videos for the same:

▶ bit.do/tubeanantha

Scan for feedback/suggestion

Message from Department

"Learning gives creativity, creativity leads to thinking, thinking provides knowledge, knowledge makes you great"

-Dr. A.P.J Abdul Kalam.

It is a pleasure to be associated with the department of MCA at VESIT. The department has a team of highly experienced and motivated faculty members. We, as the team are ready to learn continuously and obtain knowledge in order to prepare the young minds (our students) for global competition. Students of the MCA department are more fascinated in learning and ready for IT Industry with hands-on experience on current technologies, tools and programming languages. The department works for the overall growth of students and inculcates the quality/features that are required and acceptable by the Society. The newsletter spotlights on the efforts taken by the department in this direction.

Dr. (Mrs.) Dhanamma Jagli
dhanamma.jagli@ves.ac.in

Vision of the Department
⇒ Towards leading the way in area of Computer Application to train and nurture the Students to become successful Technocrats thus benefiting the Society and Nation.
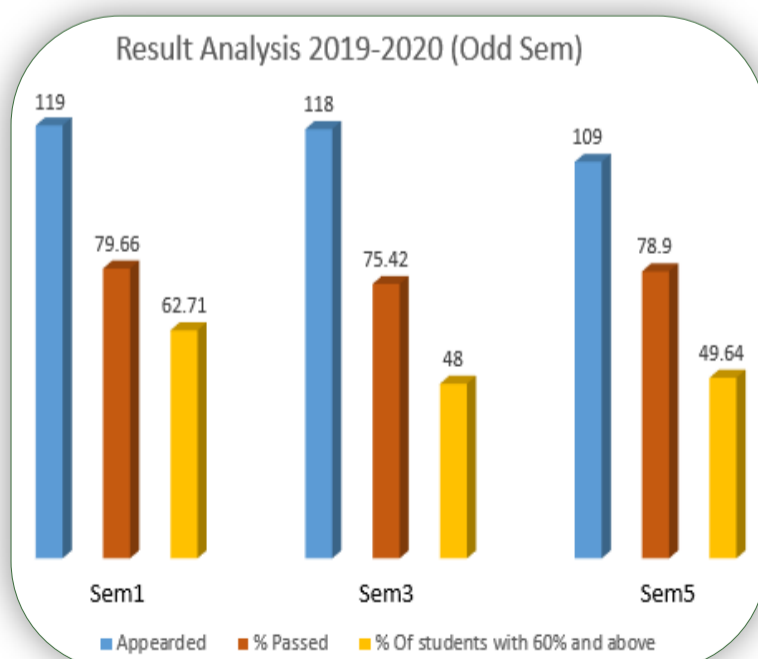
Mission of the Department
⇒ To provide opportunities to Students so that they understand the Theoretical Principles and apply them.

⇒ To enable the Students to continually master the evolving Tools, Techniques, Trends in Technology and Management and effectively put them in practice in a cost effective manner.

Academic Excellence

Results of University Examination held in December 2019

Result Analysis 2019-2020 (Odd Sem)

	Sem1	Sem3	Sem5
Appeared	119	118	109
% Passed	79.66	75.42	78.9
% Of students with 60% and above	62.71	48	49.64

TOPPERS

∞ **SEMESTER 1:**
ANJALI KRISHNAKUMAR - 9.08
TABISH KHAN - 9.08
SIDDHESH DHAMANASKAR - 8.92

∞ **SEMESTER 3:**
SAMIKSHA DHAVALE - 9.14
MANASI A PATIL - 9.14
NIKITA WANI - 9.00

∞ **SEMESTER 5:**
JUHI SUSHIL SONI - 9.00
BHUMIKA DALALA - 8.86
DIMPLE PANCHAL - 8.86

- By Result Analysis Team

"Freedom is a boon, which everyone has the right to receive."

Placement

♦ In the year 2019-2020 MCA department witnessed admirable amount of placement offers from 35 leading companies like ACC, JPMorganChase, Nomura, Crisil, etc.

♦ From the total number of students, 79 students were placed.

- By Prof. Indira Bhattacharya

Student Endeavour

Achievements

♦ Sushant Chetipally from SYMCA did an internship with CampK12 as an instructor from 13th June 2020 to 6th October 2020.

♦ Tania Mahata from SYMCA did an internship with Flexitutr as a web developer from 22nd July 2020 to 22nd September 2020.

♦ Tushar Annam from SYMCA as well did a internship with Avkara Technologies as a web developer from 30th June 2020 to 30th August 2020.

♦ Abhishek Kumar Shukla from TYMCA did a certification of Data Engineering by Udacity on 21st June 2020.

♦ Bhagyashree Tiwari and Tushar Annam from SYMCA participated in ACM Hackathon 7th and 8th March 2020 at M.D Sabu Siddiq College.
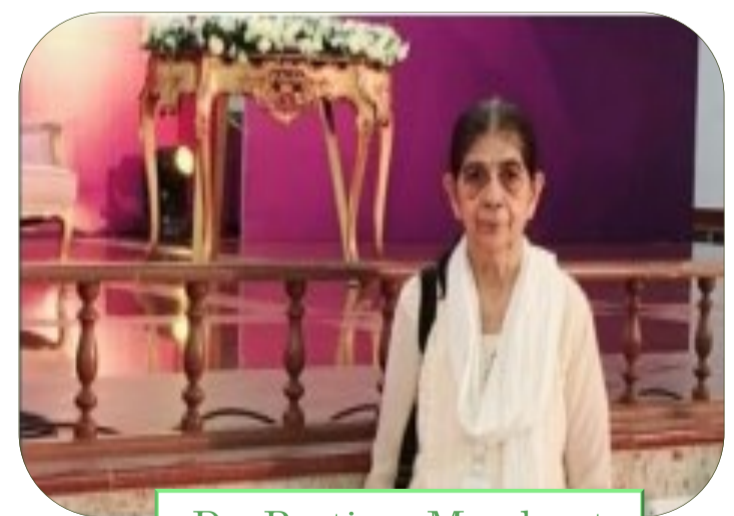
-By Prof. Ramesh Solanki

SPICE

The Department of Master of Computer Applications - SPICE organized an online orientation session on "*Pranic Healing Energy Science*" in association with VESIT - IQAC (Internal Quality Assurance Cell) and VESIT - IIC (Institution Innovation Council) for the Teaching, Non-teaching staff and Students of VESIT on the 25th of July at 4 pm.

The session was conducted by Dr. Pratima Merchant, who is a certified Pranic Trainer and Healer affiliated to World Pranic Foundation Philippines and the Yoga Vidya Pranic Healing Foundation (YVPHF), Maharashtra. The session was conducted over a Zoom Video call and was moderated by Mrs. Dhanamma Jagli (Assistant Professor, Department of Master of Computer Applications).

It was attended by many faculty members and students.
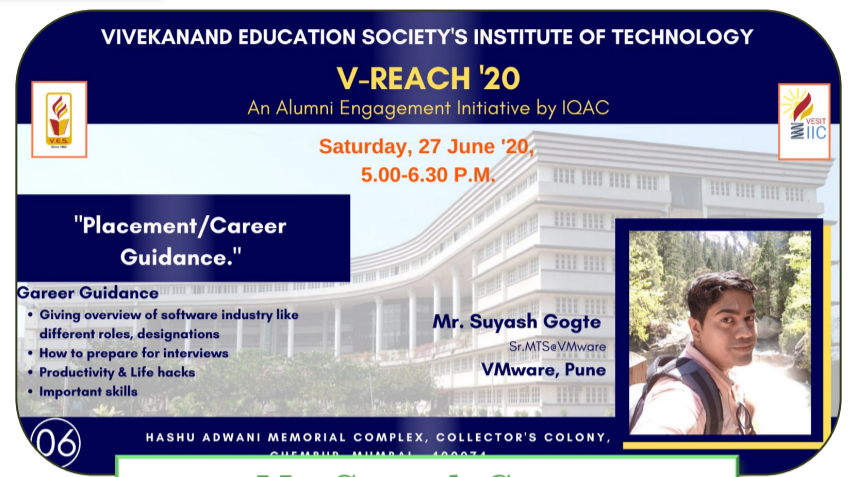

Dr. Pratima Merchant

-By Prof. Dhanamma Jagli

"Vengeance keeps on burning human being, Moderation is the only way to Overcome Vengeance."
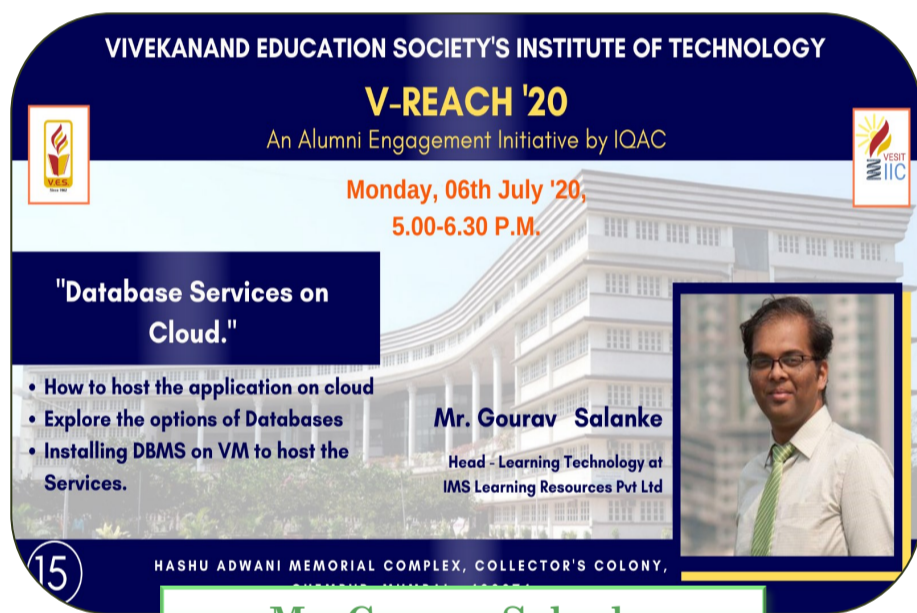
Co-curricular

V-REACH

"V-REACH", VESIT-Alumni engagement initiative, which aims at reaching out to alumni and enables sharing of their vast National and International knowledge and experience with students for widening their horizon. To foster our relationship with our alumni effectively and employ their flair, ardor, knack and contributions to constructive ends for VESIT and its students.

Mr. Suyash Gogte

ALUMINI AS PART OF V-REACH:

Sr. NO	NAME	DATE	TOPIC
1.	MR SUYASH GOGTE	27th June, 2020	PLACEMENT / CAREER GUIDENCE
2.	MR. GAURAV SALANKE	6th July, 2020	DATABASE SERVICES ON CLOUD
3.	MR. PRABHANATH NAIR	7th July, 2020	CONTAINERS AND DOCKERS IN CLOUD

Mr. Gaurav Salanke

Mr. Prabhanath Nair

- By Prof. Ramesh Solanki

Skill Enhancement Program

Technical tests under Skill Enhancement Program (SEP) were conducted for students of MCA which was mainly focused on improving their understanding of the subjects taught in the semester.

This test was conducted for 1st year MCA SEM II and 2nd year MCA SEM IV on 14th May 2020 through online mode for which purpose a Google form was shared with all the students.

The questions were application oriented based on the university syllabus which were intended to enhance their technical skills. The test was well received by the students which will help for their academic excellence as well as their placement activities.

115 students from MCA Sem II and 109 students from MCA Sem IV participated in the program.

- By Prof. Vaishali Gatty & Prof. Monali Rajput

"It is better to think about the result of the work you are about to do because our next generation will follow the same"

ISTE

Notice the Unnoticed this event was conducted by ISTE on 25th Jan 2020. Ninad Parab from FYMCA participated in it.

Battle of Fandoms was conducted on 29th Jan 2020, which was for all the TV series freaks. It included various tasks for the participants which were related to various TV series like Harry Potter, FRIENDS, The Office, etc. Total of 11 students participated in the event.

Ode to Code ISTE conducted an event for coding on 22nd Feb 2020. In which Ninad Parab from FYMCA and Sohail Ansari from FYMCA participated. Ninad Parab secured 1st rank as well.

221B Baker Street was conducted on 20th May 2020 in which Pankaj Dwivedi from FYMCA participated.

- By Prof. Sunny Nahar

Lockdown Activities

♦ Vivekanand Education Society's Institute of Technology (VESIT), Mumbai organized a National-level quiz From 15th June 2020 To 20th June,2020 to enhance the knowledge and to ignite the relevance of the Internet of Things during Lockdown.

♦ The Quiz was conducted by Master of Computer Applications Department under the guidance of Internal Quality Cell (IQAC) in Association with the Institution's Innovation Cell (IIC). Prof. Sangeeta Oswal and Prof. Rohini Temkar were the coordinator for the quiz and convened by Dr. Shiv Kumar Goel, HOD of MCA under the patronage of Dr. J.M. Nair, Principal and Dr. Vijayalakshmi M, Vice Principal.

♦ The Quiz was conducted successfully online on Google forms and more than 400 students & staff members from all over India participated in the quiz. E-certificates were given to all participants who have scored 40% and above.

Vivekanand Education Society's
Institute of Technology
(Affiliated to University of Mumbai, Approved by AICTE and Recognised by Govt. of Maharashtra)

Arise, awake, and stop not till the goal is reached

Mapped with Odisha State

Under the guidance of Internal Quality Assurance Cell (IQAC)
In Association with Institution's Innovation Council (IIC)

Department of Master of Computer Application

Announcing Online Quiz
(An effort to enhance knowledge during Lockdown)
on

Python and Machine Learning

For Faculty, Students and all the stake holders of the society

Quiz will be available from 15/06/2020 to 20/06/2020

Registration & Participation is *Free of Cost*

All participants scoring >= 40% will get *E-Certificate* on registered E-mail ID.

----Quiz Link----
https://docs.google.com/forms/d/e/1FAlpQLSfai8H70lKucJ1xTknzhEu8du16-IJ0Xb3CL2amJlOEKbwbLw/viewform

Dr. Shivkumar Goel	Mrs. Rohini Temkar	Mrs. Sangeeta Oswal
Dy. HOD, MCA	Coordinator, MCA	Coordinator, MCA
Dr. (Mrs.) M. Vijayalakshmi	Dr.(Mrs.) J. M. Nair	Shri. B. L. Boolani
Vice Principal	Principal	President, VES

Hashu Advani Memorial Complex, Collector's Colony, Chembur (E), Mumbai – 400074. INDIA
Tel. 022-61532532 Fax: 022-61532555 Email : vesit@ves.ac.in / principal.vesit@ves.ac.in , website : https://ves.ac.in/vesit/

Python & ML Quiz

- By Prof. Sangeeta Oswal

Laptop Distribution

Laptop Distribution

♦ Vivekanand Education Society's Institute of Technology Alumni Association (VESITAA) distributed free Laptops to students assisting them in online learning.

"A successful human being accepts the challenge of proper mankind, for the culmination of his duty "

Faculty Pursuits

<div style="text-align:center">

Courses, Workshop and Orientation

</div>

♦ Prof Ruchi Rautela Completed Online three days Workshop on "*Education 4.0*" from 28th April 2020-30th April 2020 conducted by Atharva College of Engineering , Malad (w).

♦ Prof Meenakshi Garg participated in 4 days of online Faculty Development Program on "*Research, Funding Projects & IPR* " jointly organized by K. C. College of Engineering and Management Studies and Research, Thane (E) from 7th - 10th May, 2020.

♦ Prof Ruchi Rautela Completed Online four days Faculty Development program(FDP) on "*Research Funding projects & IPR*" from 7th May 2020-10th May 2020 conducted by K.C. College of engineering, Management Studies & Research, Thane.

♦ Prof Sunny Nahar Completed Online One week Faculty Development program (FDP) on "*Current Trends and Future Technologies in Computing* " from 8th May 2020- 13th May 2020 conducted by Usha Pravin Gandhi College of Arts, Science and Commerce in association with University Department of Information Technology (UDIT), University of Mumbai.

♦ Prof Ruchi Rautela Completed Online two days Workshop on "*Internet of Things*" from 14th May 2020- 15th May 2020 conducted by Universal College of Engineering , Vasai.

♦ Prof Meenakshi Garg completed 8 days Online *Faculty Development Program on R Software* In association with Spoken Tutorial, IIT Bombay [under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) scheme from 18th May 2020 to 25th May 2020

♦ Prof Ramesh Solanki K. Participated in Online FDP on "*Opportunities and Challenges in Electronics and Allied Industries in INDIA post Covid-19* "Organized by Electronics Dept. VESIT on 25th to 30th May 2020.

♦ Prof Sunny Nahar, Prof Meenakshi Garg, Prof Vaishali Gatty Completed Online One week Faculty Development program (FDP) on "*Data Science*" from 26th May 2020-30th May 2020 conducted by Fr. Conceicao Rodrigues College of Engineering.

♦ Prof Ramesh Solanki, Prof Ruchi Rautela Completed Online Five days Short Term Training Program(STTP) on "*Sensor, IoT & Machine Learning*" from 1 June 2020- 5 June 2020 conducted by K.J.Somaiya College of Engineering,Somaiya Vidyavihar University, Vidyavihar- Mumbai.

♦ Prof Ramesh Solanki, Prof Ruchi Rautela Completed Online two days Faculty Development program(FDP) on "*Statistical Analysis of Quantitative data using advance excel for research scholars*" from 3 June 2020- 4 June 2020 conducted by Rizvi college of arts Science & commerce, Bandra.

♦ Prof Ramesh Solanki K attended 05 Days FDP on "*Recent Innovations and Technologies in Electric Vehicles*" by EEE,GATES institute of Technology, Gooty AP from 08th June to 12th June 2020 .

♦ Prof Ramesh Solanki, Prof Indira Bhattacharya attended online STTP on Python, Machine Learning, Deep Learning, Blockchain from 08th June to 13th June 2020 by KJSIEIT Sion

"A successful human being accepts the challenge of proper mankind, for the culmination of his duty "

- Almost all faculty members have participated and completed online workshop on "*Universal Human Values*" on the theme "*Inculcating Universal Human Value in Technical Education*" organized by AICTE.

- Prof Meenakshi Garg has successfully completed and participated 3 days online faculty development program on "*Interactive-Impactful E learning Techniques*" organized by Computer Engineering Dept of K C college of Engineering & Management Studies and Research from 18th July to 20th July 2020.

- Prof Meenakshi Garg has participated in 3 days online faculty development program on "*Effective Teaching Pedagogy*" organized by Inderprastha Engineering College , Ghaziabad from 20th July to 22nd July 2020.

Seminar/Conferences

- Prof Meenakshi Garg presented a paper with title "*Unleashing the Imperceptible :Descriptive Analytics for Decision Support and Decision Making*" at ICICC 2020 held on Feb 21-23,2020 published at SSRN - Mar 28 ,2020, ISSN (**1556-5068**)

- Prof Meenakshi Garg attended "*International Web Conference On refining, Restructuring, and revamping the world for sustainable development amidst New Normal*" held during 24-26 July 2020 at RNTU, Bhopal and presented paper on the topic "*Different virtual tools for effective teaching*".

Research Project

- Prof Meenakshi Garg got a research Grant of Rs 70K on the topic "*Search Engine Ranking Prediction & Improvement. Using Neural Networks*"

- Prof Ramesh Solanki got the approval of grant of Rs 22K on the Topic "*Conversion of Handwritten document into Text*" by Minor Research of University of Mumbai.

Patents

- Prof Ramesh Solanki K File a Patent on "*IBDD-CROP Health:IOTb-Based Device To Detect The Crop Health*" with Application Number:- 202041012385 in the year 2019-20.

- Prof Dhanamma Jagli, Prof Ramesh Solanki, Prof Ruchi Rautela, Prof Indira Bhattachariya file a patent on "*Mdl- Crowd Notification: Crowd Tracking And Notification Using Iot-based Machine,Deep Learning Programming*" with application number:- 202021012277 in the year 2019-20

- Prof Meenakshi Garg filed a patent on "*SYSTEM FOR DETECTING PROFITABLE SEGMENTS OF ECOMMERCE PLATFORM*" with Application number 202021009793 on 6th Mar 2020.

Other Activities

- Prof Ramesh Solanki K. has done various Online Certificate courses from IEEE in April - May 2020

- Most of the faculties participated in various Online Quiz , webinars, workshops and sessions conducted by AICTE IIC MHRD and various institutes during lock down.

Expressions

Mandala Art

Mandalas are the sacred symbols used for meditation, prayers, healing etc. ('Mandals' means circles in Sanskrit) Mandalas have been used from ancient times for decorations in religious places as well but for me it works as an art therapy. Practicing it increases concentration and focus. It has been proved in several studies that mandala art boost the immune system, reduce stress and pain, lower blood pressure, promote sleep and ease depression. All you need is: paper, a pencil, a ruler, and an eraser. You can use colours if you want. Some of my mandala arts as a beginner:-

Mandala Art

Mandala Art

-By. Prof. Ruchi Rautela

देवा..

लोक हरवले ओळखीचे....
देवा.. पुन्हा एकत्र त्यांना
आणशील का??
स्वप्नांचे घर सुटले वाटेवर
देवा.. पुन्हा ते घरपण देशील का??

डॉक्टर्स ची जिद्द आहे प्रत्येक
जिवाला जिंकण्याची
पोलिसांची जिद्द आहे,
कर्तव्यात न हरण्याची
देवा..यांच्या जिद्दीला,
व त्यांच्या परिवाराला
सुखरूप ठेवशील का??

कित्येकांचे आयुष्य संपले....
त्यांच्या जवळच्यांचे
या दु:खात मन गहिवरले
देवा.. त्यांना तरी तुझा
आधार देशील का???

गप्प मी अन शांत सगळे...
विचार काय अन झाले वेगळे
नको ते संकट समोर आले
देवा.. आतातरी या संकटला
जरा दूर नेशील का??😔🙏
©aditinaik04

ऑनलाईन वर्ष!!

बापरे!! खरंच काय कमाल होत हे वर्ष
क्वचित च लोकांच्या चेह-यावर दिसले हर्ष

बाळां पासून आजोबा पर्यंत सारे मास्क मध्ये अडकले
आता सगळेच जण शेवटी घरात बसून कंटाळले

दूर असणाऱ्या आपल्या माणसाच्या गाठीभेटी राहिल्यात
ऑनलाईन गप्पागोष्टी मध्ये खुप भावना मनातच राहिल्यात

शाळे पासून कॉलेज पर्यंत सारं काही ऑनलाईन झालंय
खरंच आता मित्रांना आधी सारखं मस्त भेटावसं वाटतंय

कमाल त्या सगळ्यांची ज्यांनी आपल्या जवळच्याच लग्न ऑनलाईन पहिलंय
कारण आयुष्याच्या या अतुट बंधनाच दुरून च साक्षीदार व्हावं लागलंय

बरेच हस्ते खेळते परिवार बिखरलेत या वर्षात
प्रार्थना आहे देवा सगळ्यांना सुखी ठेव नववर्षात
- अदिती नाईक ❤️

2020

-By **Aditi Naik from SYMCA**

We must know the history of that place in which we live and the history of our ancestors.

Alumni Interaction

-Nikita Halarnkar (MCA2A) & Manasi Pisal (MCA2A)

"There is no substitute for hard work"

– Thomas Edison

Ravikumar Soni is an alumni of VESIT of the graduating batch 2017-2020. Ravikumar had an admirable record at VESIT. He spent his time at VESIT participating in various co-curricular   as well as extracurricular activities. Ravikumar also presented his lead at AI GYAN initiative at VESIT. He was placed in CRISIL last year, as the result of his excellence and evoking personality.

♦ **How was your time at VESIT? Do you have any vivid memories while you were at VESIT?**

My time at VESIT was a real rollercoaster. I got many opportunities during MCA. I got selected for Smart India hackathon 2019 and I was even a part of VESAITHON Managing Team. I have made good friendships at VESIT which will be with me for lifetime.

♦ **Why did you choose to study MCA at VESIT?**

VESIT is one of the best known reputed college for MCA and luckily I got good percentile in MCA entrance which helped me getting into VESIT.

♦ **How different was your first day of MCA and your last day of MCA?**

I still remember that on first day of MCA, I was quiet shy in nature. Slowly slowly I started making new friends. Last day every one was happy and most of us got campus placements, and I got selected in Crisil.

♦ **What made you go for MCA rather than a job after getting your bachelor's degree?**

I knew that having just a graduation degree and less knowledge about corporate world will not get me anywhere. So I started preparing for MCA entrance exam from 3rd year of my bachelor degree.

♦ **Have you participated in various events and competitions? Do you remember any specific event.**

Yes, I have participated in various events and competitions throughout MCA which helped me in improving my skills. Smart India Hackathon was one of them where we got an opportunity to work on real life problems and present our implementation in front of everyone.

♦ **How does such a kind of participation help a person in various ways, according to you?**

Participation will help us in converting our knowledge into practice. How quick we are in making right decision or choices. Participation helps an individual in improving their skillset according to me.

♦ **What are the best and the worst moments during the interview process?**

The process was quite smooth and everyone was quite supportive and honestly I don't have any worst moments from my interview

"If there is a way to reach any success, I will find it, if there is no way, I will make it. "

♦ **Can you give us some pointers for successfully cracking an interview?**

First point is a good resume, because a resume is our first impression. Be strong with your basic code concepts, about the technologies, be updated about the market trends and technologies. Make your own project; end to end project

♦ **What can you tell us about your experience working at CRISIL?**

My experience at CRISIL is full of learning, I got to learn new technologies in depth and got opportunity to work on them, got to learn about corporate culture and how to deliver a project as a client requirement

♦ **How does it feels to be in the corporate world?**

It feels quite good to be in the corporate world, got chance to work on real life problems and their solution. In corporate world, each day you'll find new challenges and new learnings.

♦ **Were you part of various co-curricular and extracurricular activities while at VESIT? If yes, according to you how important are they in shaping a student's personality?**

I was a part of VESAITHON Managing Team, even I have created website for Vesaithon and was also a part of VESIT admission microsite and got chance to manage Vesaithon Management team successfully in college. So co-curricular and extra-curricular are very much helpful in improving our soft skills and how we deal with different types of problems like while working on admission microsite we got to know how different types of users are using our website, what challenges they faced while using it

♦ **What are your plans for the future?**

My plan is to become a full stack developer and design solutions with a good reputed position in the organisation

♦ **Any words of wisdom for your juniors?**

Learn at least one technology in depth and should have basic knowledge about other technologies. Challenge yourself to create complete end-to-end projects, think about real life problems and implement their solutions

Au Revoir

Mrs. Nishi Tiku, thank you for your patience, kindness and the love you shared. We learnt a lot from you. All the best for your future endeavours

"Even if there were a sword in the hands of everyone, it is willpower that establishes a government. "

Editorials Board

Prof. Sunny Nahar

Prof. Meenakshi Garg

Mohit K. Tiwari (MCA 2B)

Manasi Pisal (MCA 2A)

Nikita Halarnkar (MCA 2A)

"A small step leads to a smaller target, later to a larger goal."