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Newsletter - Department of Master of Computer Applications

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Editorial Board

∞ Prof. Meenakshi Garg

∞ Prof. Shireesha Yeddu

∞ Neha Menon
   (Student, MCA 2M)

∞ Venkatesh Vaasudhevan
   (Student, MCA 2M)

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

▶ bit.do/tubeanantha

Scan for feedback/suggestion

Message from Department

"The True Sign of Intelligence is not Knowledge but Imagination"

Department of Master of Computer Application emphasize on excellent Teaching Learning process to enrich our students with the Latest Technology and make them successful Technocrats. Every effort is being made to keep pace with the Latest technological advancements in IT Industry, so as to make the students understand the Industry Standards. The Department strives to provide an interactive environment for the students to develop analytical and practical skills and apply them to real world problems.

The Department takes care, transforming students to successful professionals and sensitive human beings, who can contribute to the Society and the Nation and fulfil their as well as parents dreams. I appreciate the efforts put by the enthusiastic, dedicated and hardworking faculty members (my colleagues) who employ their full potential to motivate and enhance the spirit of the young and talented minds.

Prof. Shiv Kumar Goel
Deputy HOD, MCA Department
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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.

Editorial

It gives us great pleasure to bring you the second issue of **Anantha**, the half yearly newsletter of MCA Department. The name and fame of any department depends on the potential and achievements of the students and faculties in it. This newsletter is a platform to exhibit the inherent skills and novel ideas of faculties and students. **Anantha** presents the achievements of students and contributions of faculties in ODD Semester 2016.

We would like to place on record our gratitude and heartfelt thanks to all those who have contributed to make this effort a success. We profusely thank the department for giving continuous support and encouragement. We truly hope the pages that follow will make an interesting read.
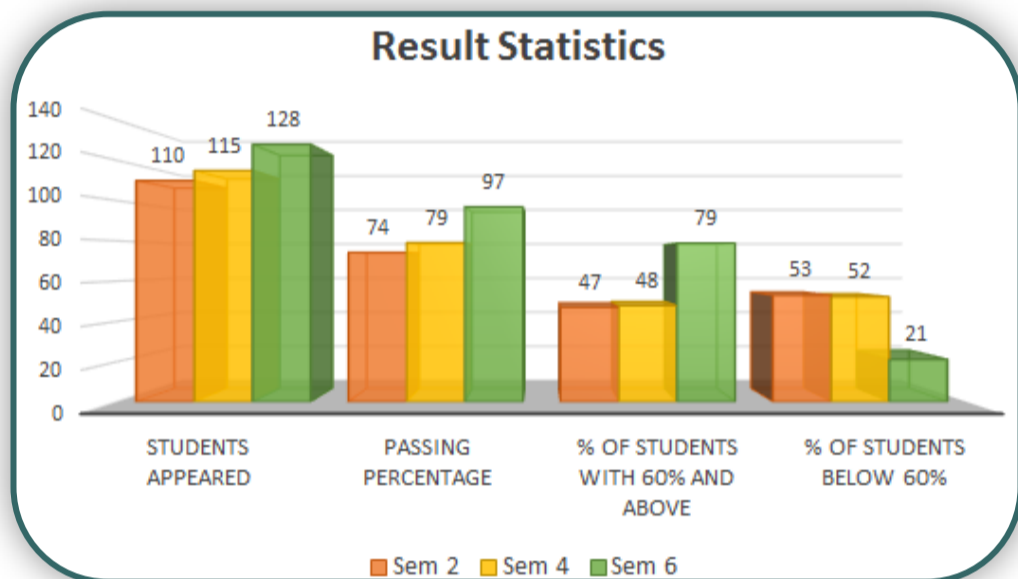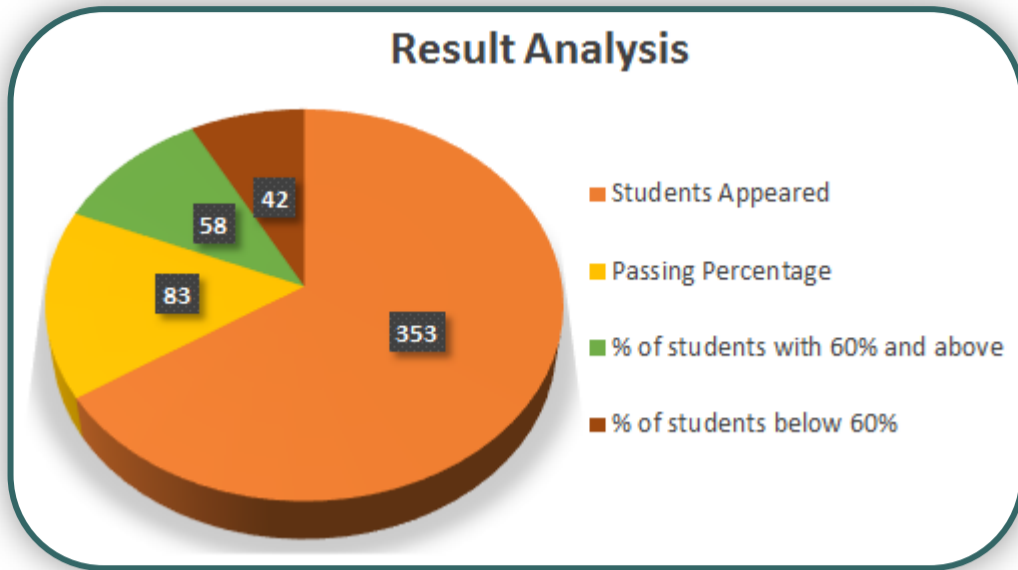
"If you want to shine like a sun. First burn like a sun."

Results of University Examination conducted in May 2016

Result Analysis

- Students Appeared — 353
- Passing Percentage — 83
- % of students with 60% and above — 58
- % of students below 60% — 42

Result Statistics

	Sem 2	Sem 4	Sem 6
STUDENTS APPEARED	110	115	128
PASSING PERCENTAGE	74	79	97
% OF STUDENTS WITH 60% AND ABOVE	47	48	79
% OF STUDENTS BELOW 60%	53	52	21

TOPPERS

∞ **SEMESTER 2:**
- DHANASHRI PHATAK - 9.38
- AKASH SARFARE - 9.27
- NAVEEN LAMBA - 9.08

∞ **SEMESTER 4:**
- PRAJAKTA AKERKAR - 9.23
- AKANKSHA TEMBYE - 8.77
- BHARATI NADAR - 8.77

∞ **SEMESTER 6:**
- NEHA KUMARI - 9.71
- MAMTA SHETTIGAR - 9.18
- CHETNA RIZWANI - 9.11

Internships

- In the year 2016-17, MCA students had an enviable record in placements. **26 Companies** offered jobs to MCA students.
- Out of total 118 students, **55 students** have got internships, **41 students** got internships/jobs in dream companies.

"Excellence is a continuous process and not an accident."

Guest Lectures

- **Dr. Soumya Malli** from Dell Computers conducted an expert lecture for MCA first year on *"Computer Architecture"* on 3rd Sep 2016.
- **Ms. Depika Pawar** a Software Specialist conducted a lecture on *"Project Management Techniques"* for MCA 1st year students on on 1st Oct 2016.
- **Dr. Soumya Mally** conducted a special lecture on *"Industry standard on network security"* for MCA 2nd year students on 3rd Sep 2016.
- **Mrs. Deepika Panwar** from Mastek conducted a special lecture on *"Multimedia technology"* for MCA 3rd year students on 1st Oct 2016.
- **Mr. Udaykumar Lokhande** from Capgemini conducted an expert lecture on *"Cloud Security and Architecture"* on 25th Oct 2016 for MCA 3rd year students.

Department Activities

Student Activities

Research Publication

- **Sanchita Patil** from **MCA 3rd Year** published research paper on *"Big Data Analytics using R"* in IRJET, Volume 3, Issue 7, July 2016, pp.78-81, eISSN:2395-0056.
- **Pratik Mahale** from **MCA 3rd Year** published research paper title "*Android-based Augmented Reality to Enhance Education System*" in International Journal of Computer Applications (0975 – 8887) Volume 146 – No.6, July 2016, pp.18-21, ISBN: 973-93-80893-82-6.
- **Aniket More** from **MCA 3rd Year** published research Paper on the Topic *"Attaining True Agility Through Continuous Integration"* in International Journal of Current Trends in Engineering & Research (IJCTER), e-ISSN 2455–1392, Volume 2 Issue 6, June 2016 pp. 483 – 488.

Workshops

- A workshop on *"Internet of Things - IOT"* was conducted on 22nd August 2016 at VESIT.
- A workshop on *"Civil Service Orientation"* was conducted on 19th October 2016 at VESIT.

Summer School Programme

- Two days workshop on *"FOSS Technologies (LINUX) & Python"* conducted on 11th July 2016 and 12th July 2016 at VESIT.
- Four days workshop on *"Data Analytics using R Programming"* conducted from 11th July 2016 to 14th July 2016 at VESIT.

SPICE

SPICE stands for **Students Personality Intellect Creativity Enhancement** Program. The main aim of SPICE is to develop the skills of students, not just technically, but in terms of personality too. This Semester, for MCA First Year students' aptitude tests were conducted on 1st October 2016 and 7th October 2016 and for MCA Second Year students' aptitude tests were conducted on 28th September 2016, 30th September 2016 and 5th October 2016. The test mainly focused on verbal communication, mathematics, logical reasoning, computer fundamentals and many more critical areas.

- **Shubham Mahajan** from MCA 2nd Year bagged **1st Rank**.
- **Dhanashri Phatak** and **Akash Sarfare** from MCA 2nd Year got **2nd Rank** and **3rd Rank** respectively.
- **Chavan Shraddha Anant** from MCA 1st Year bagged **1st Rank**.
- **Jay Jethva** and **Priyanka Devasthali** from MCA 1st Year got **2nd Rank** and **3rd Rank** respectively.

"Without your involvement you can't succeed. With your involvement you can't fail."

Scholarships

Suman Tulsiani Scholarship for the needy and under privileged students was received by following students:

- Shubham Basavraj Kamalapure
- Sanket Sitaram Patil
- Ashutosh Vinod Deshmukh
- Reena Dambaru Epili
- Nair Ajay Krishnankutty
- Sunil Kabiraj Sahu
- Yatin Kapur

Geeta Israni Foundation Scholarship was initiated this year. The scholarship benefited meritorious students who scored grade point of 8.0 and above and whose family income does not exceed Rs.1.50 lakhs per annum. It was received by following students:

- Sagar Panjwani
- Supriya Babaji Tambe
- Nilima Vishnu Pawar

Other Activities

- **Inter-Collegiate Research Convention Avishkar 2016-17** organized by **University of Mumbai** to develop research culture and scientific temper among the students from undergraduate to doctoral level of the different universities in the State of Maharashtra.

    - **Neha Menon, Dhanashri Phatak and Venkatesh Vaasudhevan** from MCA 2nd Year received participation certificate for project titled **"ON THE SPOT - AN ANDROID APPLICATION FOR LOCATION BASED UTILITIES"**, University Final Round - Category: 5 and Level: PG held on 22nd October 2016 at A. C. PATIL College of Engineering, Nerul, Navi Mumbai.

    - **Siddhanth J. Kotian, Devesh P. Manjrekar and Sunit P. Kaiarekar** from MCA 2nd Year received participation certificate for project titled **"NFC ATTENDANCE"**, District Level Round - Category: 5 and Level: PG held on 19th October 2016 at RAIT College of Engineering, Nerul, Navi Mumbai.

    - **Pratik Mahale** from MCA 3rd Year received participation certificate for project titled **"ANDROID BASED AUGMENTED REALITY TO ENHANCE EDUCATION SYSTEM"**, District Level Round - Category: 5 and Level: PG held on 19th October 2016 at RAIT College of Engineering, Nerul, Navi Mumbai.

- **Amit Vora and Shubham Mahajan** from MCA 2nd Year won the **C-Link Coding Competition** in **PRAXIS 2016**.

Faculty Achievements

Certification & Courses

- *"Mendely Presentation"* was conducted by Mrs. Dhanamma Jagli under VESIT Research Forum on 31st Aug 2016 and was attended by seven faculty members of the department.

- *"The Data Scientist's Toolbox"* completed by Mrs. Dhanamma Jagli from Johns Hopkins University on Coursera on 17th Sept 2016.

- "*IP Addressing and Subnetting*" An online certification course was completed by Mrs. Archana C on 9th Nov 2016 at Udemy.

- *"Maintaining Cyber Security"* An online certification course by DeVry University was completed by Mrs. Archana C on 12th Nov 2016.

- An online certification course on the topic *"Introduction to Cloud Computing"* was successfully completed by Mrs. Archana C on Udemy on 21st Nov 2016.

- Certification course on *"Internet Of Things (IoT)"* was completed by Mrs. Archana C on Udemy on 23rd Nov 2016.

"Failure will never overtake me if my determination to succeed is strong enough."

Training, Workshops & Faculty Development

- ♦ *"Research Advances in Internet Of Things"* - An ISTE Approved FDP on from 21st-25th June 2016 at RAIT was attended by Mrs. Meenakshi Garg, Mrs. Shireesha Yeddu and Mrs. Vaishali Gatty.

- ♦ *"Workshop on Analytics"* (online) by Analytics Vidhya was attended by Mrs. Sangeeta Oswal on 25th June 2016.

- ♦ *"Arohan" -* A faculty development program was conducted at VESIT from 4th-9th July 2016. Mrs. Rohini Temkar and Mrs. Indira Bhattacharya were a part of organizing committee and this program was attended by Mrs. Mona Deshmukh, Mrs. Rohini Temkar, and Mrs. Meenakshi Garg from the department.

- ♦ *"Online IoT Training"* by Axelta Wafrom was attended by Mrs. Rohini Temkar from 9th July to 2nd Aug 2016.

- ♦ *"IPR and Patenting"* - A FDP was conducted by Dr Krishna Lala IIT Bombay in VESIT and was attended by Mr. Shiv Kumar Goel on 22nd July 2016.

- ♦ *"IoT Symposium"* was held in SPIT on 3rd-4th Aug 2016 and was attended by Mrs. Rohini Temkar.

- ♦ *"Digitization of Placement Process"* workshop was attended by Mrs. Dhanamma Jagli at Mukesh Patel College of Engineering on 10th Aug 2016.

- ♦ *"Big Data Analytics and Cyber Security"* a CSI IT 2020 conference was attended by Mrs. Nishi Tiku and Mrs. Sangeeta Oswal on 4th-5th Oct 2016.

- ♦ A workshop on *"Writing Research Proposal"* was attended by Mrs. Geocy Shejy at SPIT Andheri from 7th Nov 2016 to 11th Nov 2016.

Other Activities

- ♦ *"Data Analytics using R Programming"* A workshop for Students was coordinated by Mrs. Geocey Shejy and Mrs. Vaishali Gatty on 11th to 14th July 2016.

- ♦ *"FOSS Technologies (LINUX) & Python"* A workshop for Students on organized by Delflip and was coordinated by Mrs. Geocey Shejy and Mrs. Vaishali Gatty on 11th and 12th July 2016.

- ♦ *"Information Security in JP Morgan Chase and Company"* An Industry Institute Interaction Program in JP Morgan was attended by Mr. Shiv Kumar Goel on 18th July 2016.

- ♦ A research paper in *"IEEE Transactions on Big Data"* was reviewed by Mrs Indira Bhattacharya in June 2016

- ♦ Mr. Shiv Kumar Goel, Mr. Dashrath Mane, Mr. Sunny Nahar, Mr. Ameya Parkar and Mrs. Meenakshi Garg were Convenor/Member of **MCA Syllabus Revision Committee of Mumbai University Choice Based Grading System** in July 2016.

- ♦ A LBS project tilted *"VESIT Wallet Class"* was guided by Mrs. Shireesha Yeddu for Department of Information Technology.

- ♦ Mrs Meenakshi Garg completed *"Ground and Aerial training and performed a Tandem Skydive"* in accordance with safety regulations of the United States Parachute Association and Thai Sky Adventures at Thailand on 1st Dec 2016.

- ♦ **Seven research papers** were published in various international journals with student teacher association.

- ♦ **Four research papers** were presented in national/international conferences by faculty members.

- ♦ **Four research papers** were published in international journals by our distinguished staff members.

"Great dreams of great dreamers are always transcended."

Enterprising Entrepreneurs

Sarvaswa Ventures (OPC) Private Limited

Sarvaswa Ventures, founded by Venkatesh Vaasudhevan of 2nd year, consists a group of ten tech-savvy individuals with the passion to make a difference. The aim is to cater to almost all the needs of prospective customers in limited budget without compromising the quality. Each of its strategic business units pander to various domains like fashion e-retailing, mobile & web application development, branding solutions, domain & hosting solutions, tech consultancy, startup development and many more.

Matrixmag

Matrixmag is an e-Magazine co-founded by Pratik Mahale of 3rd year. It provides a platform for all established business and new startups to promote their ideas all around the world. Matrixmag helps them connect, develop and sustain in their business. It is here to promote their ideas to the world and be an inspiration to the young generation through their story.

101 Musicals Academy

It is a private music class based in Vikhroli. It was established in 2012 by Musician/Artist – Mithilesh Meshram of 2nd year. The academy teaches from the basics to the very professional level. It specializes in teaching all techniques. Finger style technique is also taught for people who have completed the basic and advanced levels.
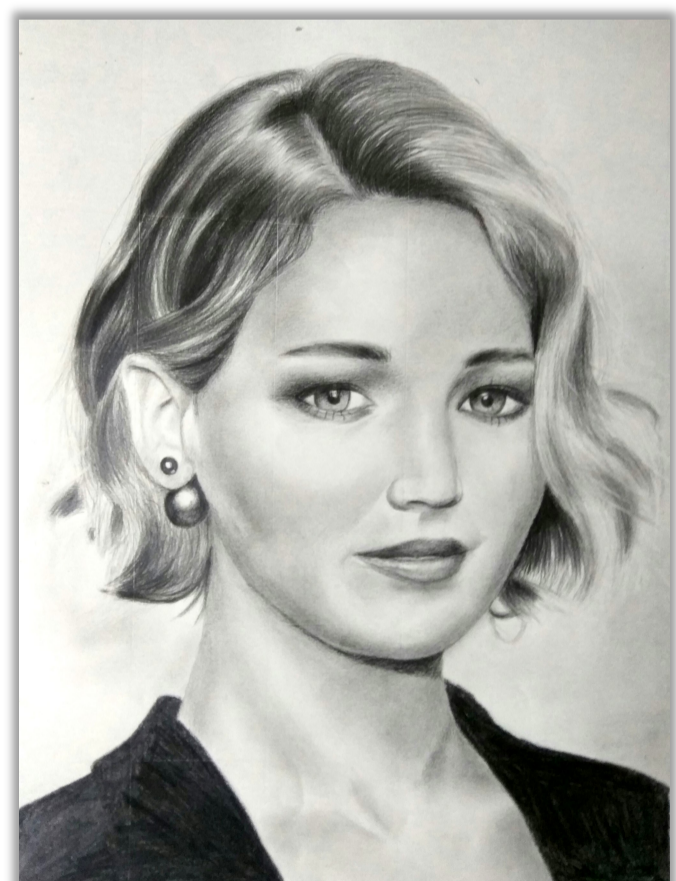
FriendsCampus

FriendsCampus, founded by Minhaj Shaikh of 3rd year, is a personal and professional social networking service. It offers innovative social networking features, including separate personal and professional profile and isolated content sharing tools to help users balance their Online Persona. It believes that "Social Networking is about Building Your Personal Image" and not just for wasting valuable spare time.

Expressions

Portrait by Manasi Patil (MCA-2M)

Portrait by Abhijeet More (MCA-3E)

"Man needs his difficulties because they are necessary to enjoy success."

A walk in the rain

A walk in the rain will make you refreshed,
But you walk in the rain when depressed,
Don't bottle your feelings let them out,
These feelings will make your judgement cloud.
So I say, get drenched in the rain,
Clear your mind and loose all the pain.

-Pradyumna Kale (MCA-1M)

Painting by Akash Sarfare (MCA-2M)

Road to Success

If we are meant to be successful,
Then why do we fail,
Achieving the success will,
Sure make your life hell.

It may consist of many sacrifice,
Tasting success is same as paradise

The cost of success will pay you double,
Life will be boring if there are no trouble

The path will be too hard to walk on,
Seems to be short race in real is a marathon,

Complete the race ,
You still be a winner,
Its never too late to be a beginner.

-Ravi Prabhu (MCA-2M)

Behind The Scenes

-Neha Menon & Bhagyesh Save (MCA-2M)

"व्यवस्थित नियोजन हे ध्येयाकडे घेऊन जाणारे असे वाहन आहे की ज्यावर आपण उत्साहाने विश्वास ठेवतो आणि उत्साहाने कृतीही करतो. याशिवाय यशाकडे जाण्याचा दुसरा कोणताच मार्ग नाही." -प्लाबो पिकासो

श्री. नंदकुमार तारकर VESITच्या MCA विभागाची स्थापना झाल्यापासून एक अविभाज्य आणि महत्वपूर्ण भाग आहेत. श्री.नंदकुमार तारकर यांचे VESIT शी संबंध ९८ सालापासूनचे आहेत. VESIT मध्ये काम करण्यापूर्वी मुंबईच्या जसलोक रुग्णालयात काम करीत होते. परंतु काही अपरिहार्य कारणामुळे त्यांना ते काम सोडावे लागले होते. योगायोगाने VESITच्या तत्कालिन मुख्याध्यापिका सौ.सक्सेना यांनी त्यांना कामासाठी बोलावले. या संधीनंतर त्यांच्या जीवनात नवीन वळण आले. जुन्या इमारतीत काम करत असताना ते सुंदर मंच आणि पृष्ठभूमिवर चित्रे रंगवत होते. त्यांनी बनवलेली कौशल्यपूर्ण मंच आणि पृष्ठभूमिवरील चित्रे पाहून त्यांना पूर्णवेळ कामावर रुजू केले. जेव्हा VESITचा स्वतंत्र इमारत समावेश झाला तेव्हा त्यांनी संगणक प्रयोगशाळे मध्ये काम सुरु केले आणि आवश्यक तेव्हा मदत प्रदान करीत असे.

सुमारे दोन दशके महाविद्यालयाची सेवा केल्यानंतर श्री.नंदकुमार तारकर निवृत्तीसाठी तयार झाले आहेत. आणि का नसावे? त्यांनी त्यांचे निवृत्ती नंतरचे जीवन संपूर्ण योजिले आहे. निवृत्त झाल्यानंतर ते त्याच्या मुळ जागी परत जाऊन स्वतःच्या छोट्याशा घरात राहणार आहेत. गणेश चतुर्थी दरम्यान तेथे गणेश मूर्ती बांधणी आणि विक्रीचा व्यवसाय सुरु करण्याचा विचार आहे. त्यांच्या मूळ गावी त्यांचा स्वतःचा कॅटरिंगचा व्यवसाय आहे तो भोजनालयात विस्तृत करण्याचा मानस आहे. वैयक्तिक पातळीवर त्यांना त्यांचे जीवन सुखकर वाटते. दोन मुली आणि एक मुलगा असे जोरदार कुटुंब आहे. त्यांना त्यांच्या VESIT मधील मित्रांची सदैव आठवण येणार आहे. त्यांना कधी महाविद्यालय जाण्याची संधी मिळाली नाही परंतु VESIT मध्ये ते जाणून घेण्यासाठी संधी मिळाली आणि ते त्यासाठी VESITचे कायमचे ऋणी असतील. 28 फेब्रुवारी 2017 रोजी ते निवृत्त होतील परंतु ते आमच्या आठवणीत सदैव राहतील. आम्ही त्यांना त्यांच्या भावी जीवनासाठी मनापासून खूप साऱ्या शुभेच्छा देतो.

"We should not give up and we should not allow the problem to defeat us."

Alumni Interaction

-Neha Menon (MCA-2M)

"Be who you are and say what you feel, because those who mind don't matter, and those who matter don't mind."

- Bernard M. Maruch

Vikram Vijayaraghavan, is an alumni of VESIT who graduated in the year 2016. He is one person the department of MCA is really proud about. A social figure here at VESIT, he was involved in multiple college activities without having it affect his academics. He is presently working at Nomura where he is focused on being the best and having the experience of a lifetime. In his interview below, he speaks about his life post VESIT, the faculty, his plans for the future and much more..

♦ **Your best memory while at VESIT?**

There have been quite a few but if I had to choose one then it would have to be 28th July 2015 - the day I got placed.

♦ **You actively took part in many extra and co curricular activities at VESIT. Saying this, your academics did not take a back seat. This is not an easy feat to achieve….How did you do it?**

Started with preparations 1 week prior to the examinations to be honest. Always used to focus on lab sessions and practical examinations as I believed I could cover theory syllabus during examinations.

♦ **Your teachers are full of praises for you. How did you manage to charm them so? Because to be frank the task looks daunting….**

I always used to speak about things which I felt were right and never really hoped to please the faculty members. Being bold and honest might have caught their eye I guess.

♦ **What made you take admission at VESIT? Apart from good marks and wanting to do MCA of course….**

I had heard about VESIT from one of my mentors and after talking to a few seniors from graduation, it was always an easy decision to make.

♦ **A random question out of the blue….Where do you work at present? Did you get in through campus placements?**

I work for Nomura Services India Private Limited. Yes, got in through Campus.

♦ **Now that the dreaded word of campus placement came into the conversation….Any tips on how to face doomsday aka campus placements?**

It starts way before placement day to be honest. The preparation must start 3-4 months prior to placements. Talking to seniors/faculty members and working with classmates on Aptitude, Communication Skills play an important role in terms of placements. My advice to people for placements has always been to be honest and trying to communicate your thoughts precisely.

"Life is a difficult game. You can win it only by retaining your birthright to be a person."

♦ **Now for the questions students all over the world would like to know the answer for… well may be not all over the world but most…. Is what we learn at college applicable practically in the industry. Except for may be programming related subjects.**

Yes, It does help you somewhere in your professional life. I feel the revised syllabus that the Mumbai University is currently following gives students a chance to be competitive. Initially, you would feel you are doing something totally different but with experience you would realize that all the things that we tend to do professionally are applications of the academics pursued in graduation/post graduation.

♦ **What are the things, or features if you will, of VESIT that you think are unique and one of its kind?**

VESIT offers a chance for everyone to be Social. By the time you graduate you surely would have people of whom you would be proud to have in your life.

♦ **Should academics be the only focus of postgraduate students or is it a mere, most likely fatal, misconception?**

Never should be. Purely academics will never get you past situations professionally or even in your personal life. Academics plays a vital role but it will never have total control of your life.

♦ **What are your future plans not including marriage and having kids?**

If you look at the top tier of people from the industry they would tell you to have medium and long term goals. While I have believed in this thought, I have switched off on contemplating about the long term for the time being. I'm enjoying the work I am doing right now and have been trying to take each day as it comes.

♦ **Any suggestions for your juniors at VESIT?**

I would want all of you guys to believe in yourself and just do things that you feel would be right for your life/career. Always consult your faculty members as they are one of the best in Mumbai. I hope you guys have a very successful career. All the best :)

Congratulations!

"The will to win, the desire to succeed, the urge to reach your full potential… these are the keys that will unlock the door to personal excellence."

— Confucius

Our hearty congratulations to Mr. Dashrath Mane and Mrs. Rohini Temkar on successfully completing the PhD coursework.

"To succeed in your mission, you must have single-minded devotion to your goal."