

# **VIVEKANAND EDUCATION SOCIETY'S INSTITUTE OF TECHNOLOGY**



## **DEPARTMENT OF MCA**

Departmental Report

**(2022-23 ODD SEM )**

**FDP/STTP/Training/Workshop/Courses/Seminars Conducted by Faculties**

Sr. No.	Conducted By	Course description	EVENT Type (FDP/STTP/ Workshop/ Seminar etc.)	Organized by	Date
1	Vaishali Gatty	Kubernetes container orchestration platform	Workshop	Research forum Department of MCA	8/4/2023

**Courses Attended by Faculty**

1	Sunny Nahar	machine learning and deep learning using python	MET, Bandra	2nd -6th Aug 2022	1 week
2	Sunny Nahar	Designing Smart IoT Systems using Tinkercad	MET, Bandra	8th -13th Aug 2022	1 week

Sr. No.	Name of the Faculty	NPTEL Course Description	Organized by	Period	Score
1	Dr. Meenakshi Garg	Module 1_ Orientation Towards Technical Education and Curriculum Aspects	National Institute of Technical Teacher's Training(NITT T)	April-July 2022	90.2
2	Dr. Meenakshi Garg	Module 2_ Professional Ethics & Sustainability	National Institute of Technical Teacher's Training(NITT T)	April-July 2022	72.9
3	Dr. Meenakshi Garg	Module 3_ Communication Skills, Modes & Knowledge Dissemination	National Institute of Technical Teacher's Training(NITT T)	April-July 2022	77.3

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4	Dr. Meenakshi Garg	Module 4_ Instructional Planning and Delivery	National Institute of Technical Teacher's Training(NITT T)	April-July 2022	74.5
5	Vaishali Gatty	Module 1_ Orientation Towards Technical Education and Curriculum Aspects	National Institute of Technical Teacher's Training(NITT T)	April-July 2022	94.4
6	Vaishali Gatty	Module 2_ Professional Ethics & Sustainability	National Institute of Technical Teacher's Training(NITT T)	April-July 2022	86.8
7	Vaishali Gatty	Module 3_ Communication Skills, Modes & Knowledge Dissemination	National Institute of Technical Teacher's Training(NITT T)	April-July 2022	78.1
8	Vaishali Gatty	Module 4_ Instructional Planning and Delivery	National Institute of Technical Teacher's Training(NITT T)	April-July 2022	90.2

#### Research Forum Activities Conducted

Sr. No.	Date	Name of the Expert	Designation & Organisation	Topic	Attended By
1	8th April 2023	Mr.Amlendu Choudhary	Sr.Manager R&D,Architecture, Synopsys Inc Logo	Kubernetes Container Orchestration Platform	Faculty & Students
2	8th April 2023	Mr.Dilip J Mansukhani	Sr. Tech Lead, LFocus Consultancy	Kubernetes Container Orchestration Platform	Faculty & Students

## SEL Organized

Sr. No.	Name of the Faculty	Name of the Expert	Date	Designation & Organisation	Topic	Attended By Class
2	Mona Deshmukh	Mr. Amlendu Choudhary	16th July 2022	Sr. R&D Manager , Synopys(India) Pvt. Ltd.	IOT "Kafka"	Second Year Sem II, Division A and B
4	Dr. Ramesh Solanki	Mr. Amlendu Choudhary	16th July 2022	Sr. R&D Manager , Synopys(India) Pvt. Ltd.	IOT "Kafka"	Second Year Sem II, Division A and B
5	Ameya Parkar					
6	Indira Bhattacharya	Mr. Dilip J.Mansukhani	16th July 2022	Sr Tech-Lead DieboldNixdorf.com	DAA"Monitoring using Prometheus & Grafana"	Second Year Sem II, Division A and B

## Research Paper Published

Sr. No.	Faculty Name	Publication - Affiliation of Authors	Publication - Journal / Conference	Publication - Name of The Journal / Conference	Publication - ISBN Number	Publication Details: page no./Volume/Issue	Whether peer reviewed Impact Factory, if any
1	Dr. Mona Deshmukh	Shifting From Cloudera Hadoop Data Lake to AWS Cloud Data Integration Platform: A look Ahead	Journal	International Journal of All Research Education and Scientific Methods (IJARESM),	ISSN: 2455-6211	Volume 10, Issue 7, July-2022	Impact Factor: 7.429,
2	Dr. Mona Deshmukh	A Study of ERP System, Implementation and its Methods	Journal	International Journal of Scientific Research in Engineering and Management (IJSREM)	ISSN: 2455-6211	Volume: 06 Issue: 07   July - 2022	Impact Factor: 7.429,



3	Dr. Dhanamma Jagli	Smart Farming using Artificial Intelligence	Conference	ALGORITHMS COMPUTING & MATHEMATICS CONFERENCE 2022			
4	Dr. Dhanamma Jagli	Improving lifestyle of Visually Impaired People using Virtual Reality	Conference	ALGORITHMS COMPUTING & MATHEMATICS CONFERENCE 2022			
5	Dr. Dhanamma Jagli	Security Hazards of Social Media and their Resolutions	Conference	ALGORITHMS COMPUTING & MATHEMATICS CONFERENCE 2022			
6	Dr. Ramesh Solanki	A Study on Active Directory and the Last Logon Attribute in AD DS and AAD	Journal	International Journal of All Research Education and Scientific Methods (IJARESM)		ISSN: 2455-6211	
7	Vaishali Gatty	A review of Noise Suppression Technology for Real-Time Speech Enhancement	Journal	International Research Journal of Engineering and Technology (IRJET)		e-ISSN: 2395-0056 p-ISSN: 2395-0072	

## Report on Student Achievement

**In-charge: Dr.Ramesh Solanki/Mrs. Monali Rajput**

**Cultural, Music, Swatch Bharat and SORT, Student Achievements(Certificates, Outside events, Higher Studies)**

**● Student Achievements(Certificates, Outside events, Higher Studies)**

Course/Workshop Attended

Sr. no	Name	Class (FY)	Achievement Category	Title Of Course/ Workshop Attended	Number of Days	Date	Venue /Place	Organization Details	Achievements	Link of Certificate
01	Daksha Gaud	Division A	Workshop	Machine Learning with Python	2 hours	6-07-2021	Online	Perfect plan-B E-learning Pvt. Ltd	This was a workshop which explained Machine Learning with Python concepts.	<a href="#">Link</a>
02	Vatsalya Solanki	Division A	Course	TCS iON Career Edge - Young Professional	15	1-10-2021	Online	Tata Consultancy Services	The course was intended to inculcate workplace and general soft skills in students. It included skills like communication Skills, Presentation Skills, Soft Skills, Resume Writing Group Discussion Skills, Interview Skills, Business Etiquette, Effective Email Writing, Telephone Etiquette, Accounting Fundamentals, IT Foundational Skills and Overview of	<a href="#">Link</a>

									Artificial Intelligence.	
03	Sahil Farukh Khan	Division B	Workshop	Cloud Computing Workshop	2	5-03-2022	Google Meet	ISTE-VESIT	On day 1 - Cloud Computing , What's Azure and explore the services. On day 2 - creating own VM project using Microsoft Azure and Ubuntu	<a href="#">Link-AD</a>

#### Certification Course

Sr. no	Name	Class (FY)	Title Of Certification	Number of Days	Date	Venue /Place	Organization Details	Achievements	Link of Certificate
01	Raja Gwalani	Division A	Introduction to User Experience Design	10	28-10-2021	Online	.Coursera	Certification course	<a href="#">Link</a>
02	Narender Keswani	Division B	Hackerrank Node (Basic) Certificate	1	9-02-2022	Mumbai	Hackerrank is a place where programmers from all over the world come together to solve problems in a wide range of Computer Science domains such as algorithms,	The exam was about 1:30 hr , where 2 questions are given at hackerrank , after solving the questions the each test case should be passed.	<a href="#">Link</a>

							machine learning, or artificial intelligence, as well as to practice different programming paradigms like functional programming		
03	Arya Varma	Division B	Joy of computing using python	90	23/4/2022	<b>Powai</b>	swayam nptel	The course brings programming to your desk with anecdotes, analogies and illustrious examples. Turning abstractions to insights and engineering to art, the course focuses primarily to inspire the learner's mind to think logically and arrive at a solution programmatically. As part of the course, you will be learning how to practice and culture the art of programming with Python as a	<a href="#">Link</a>

								language. At the end of the course, we introduce some of the current advances in computing to motivate the enthusiastic learner to pursue further directions.	
04	GAURI DUDAVADKAR	Division B	DATA ANALYTICS WITH PYTHON	84	23/04/22	NPTEL ONLINE CERTIFICATION	swayam nptel	NPTEL (National Programme on Technology Enhanced Learning) for Engineering provides Online Certification Courses.	<a href="#">Link</a>
05	GAURI DUDAVADKAR	Division B	PYTHON FOR DATA SCIENCE	28	25/09/22	NPTEL ONLINE CERTIFICATION	swayam nptel	NPTEL (National Programme on Technology Enhanced Learning) for Engineering provides Online Certification Courses.	<a href="#">Link</a>

#### Any Other Achievements

Sr.no	Name	Class (FY)	Achievement Category	Date	Achievements	Certificate Link
01	Raja Gwalani	Division A	Blood Donation Drive	29-11-2021	Blood Donation Drive conducted by SYMCA at Thane Station	<a href="#">Link</a>
02	Daksha Gaud	Division A	Internship	29-07-2021	Worked as a Data Analyst Intern (Work from home) at Indika AI Pvt. Ltd for 1 month.	<a href="https://drive.google.com/open?id=1Fcr7kRj70eGSMCaL-3IDhfhP13zXQuZD">https://drive.google.com/open?id=1Fcr7kRj70eGSMCaL-3IDhfhP13zXQuZD</a>

03	Raja Gwalani	Division A	Blood Donation Drive	29-11-2022	Blood Donation Drive conducted by SYMCA at Thane Station	<a href="#">Link</a>
04	Daksha Gaud	Division A	Internship	29-07-2021	Worked as a Data Analyst Intern (work from home) at IndikaAI Pvt. Ltd for 1 month.	<a href="#">Link</a>
05	Daksha Gaud	Division A	IRS activity	19-02-2022	Volunteered at Swadhey Foundation for the distribution of water and snacks to our police on 19th February	<a href="#">Link</a>

## **REPORT FOR MUSICAL MISFIT**

**22-23**

**Date(s):** 26,27,28 SEPTEMBER 2022

**Time:** 3 Pm onwards

**Event Type:** Offline

Musical Misfit was a fun event spread across 3 days i.e 26,27,28 September 2022. Registration forms were circulated to participants and responses in huge numbers were received. The event was conducted in two parts. Fun games were held on 26 & 27th September and Mystery Notes(Treasure Hunt) was held on 28th September.

**Musical Misfit - Games:**

The event was held on 26 & 27 September 2022. Qualifying and Elimination rounds were held on 1st day i.e 26th September. The semifinals and Finals were held on 27th September. Out of the registered teams, 6 teams were selected for the semifinals and 2 teams out of those were selected for finals. The winner of Musical Misfit Games was Team **WALLFLOWERS UWU (D11AD)** and Runner up was Team **MIDNIGHT BUZZ (D15B)**.

### **Mystery Notes - Treasure Hunt:**

The event was held on 28th September 2022. The participants were expected to find the clues and complete the tasks at each location, and in doing so they were led to their respective further locations. The winner for Mystery Notes was Team **GATE SMASHERS** and Runner up was Team **CORE FOUR(MCA 2A)**.

### **MCA Department Participants - Games Team:**

Team Name	Reached Till
<b><u>Quad Squad - Div A</u></b> Shubham Singh Leon Theakadayil Varda Kari Itika Bhattacharjee	Semi-Finals
<b><u>Core Four - Div A</u></b> Gunita Kasar Namira Patel Ishikasingh Gaur Vincent Nadar	Semi-Finals

### **MCA Department Participants - Mystery Notes Team:**

<b>Quad Squad</b> Shubham Singh – Div A Leon Theakadayil – Div A Varda Kari – Div A Itika Bhattacharjee – Div A	<b>Ligma</b> Shantanu Kakkara – Div B Kishan Chauhan – Div B Shardul Kulkarni – Div B Prem Bhimavat – Div B
<b>Core Four</b> Gunita Kasar – Div A Namira Patel – Div A Varun Nhavkar – Div A Vincent Nadar – Div A	<b>Placed Boys</b> Saroj Panda – Div A Pranshu Yadav – Div A Aashish Basare – Div A Sagar Dholam – Div A
<b>VG Conjurers</b> Vedhas Patil – Div A	<b>Clueless</b> Janhavi Sharma – Div A

Jayashree Ladhe – Div A  
Samiksha Rane – Div A  
Vedant Dighe – Div A

Ronal Poddar – Div B  
Jason Lobo – Div B  
Sharven Angne – Div B

## **Runner Up Team MYSTERY NOTES**



**Core Four (MCA 2A)**

## **Shreshtha**

<b>Point To be Addressed</b>	<b>Description</b>
<b>Academic Year</b>	2021-22
<b>Type of Event</b>	Outdoor
<b>Date of the Event</b>	30th April 2022
<b>Duration Of the Event</b>	Single Day Event
<b>Venue</b>	Polytechnic Ground, VES



<b>Name and details of the Coordinator(s)</b>	VESIT (MCA) Sports Council  Senior Deputy Secretary: Rittik Gupta (MCA2B)  In-charges: Nikhil Nair (MCA3A) Adarsh Sawant (MCA3B) Rahul Mishra (MCA2A) Akansha Rai (MCA2A) Jagruti Lilhare (MCA2B) Varda Kari (MCA1A) Divesh Kataria (MCA1A) Aditi Upadhyaya (MCA1B) Jason Lobo (MCA1B)
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<b>Target audience</b>	Students of VESIT MCA department. (FY, SY, TY)
<b>About The Program,</b>	the MCA Sports council organized an exclusive sports event, Shreshtha. Shreshtha comprises outdoor sports namely; futsal, cricket, dodgeball, and tug of war.
<b>Objective Of The Program</b>	<p>Sports help bring peers and seniors together. With no bias for gender or seniority, Shreshtha aimed to be an ice-breaker event between all MCA batches and negate the anonymity amid the online-offline batches altogether.</p> <p>It was also the final event for the particular batch of 2022 as for the first and possibly the last time in MCA, 2 Batches will pass out from the college simultaneously.</p>

### **Report and photographs (with captions)**



*Faculty In-charge Dr. Ramesh Solanki  
gracing the field as part of the event*





*MCA Sports Council*



*Cricket Winners (MCA1)*





*Shreshtha Overall Class winners MCA1 with the winning trophy*

<p><b>Outcomes of the event</b></p>	<p>Students thoroughly enjoyed the first offline sports event after 2 years. Students of all the 3 batches got to know each other and spend some quality time on the ground through sports.</p> <p>Shreshtha made the rebound to the offline mode more exuberating and helped make new memories.</p>
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## **Report on Institute Social Responsibility (ISR) Activity- Beach Cleaning**

Date: 21/01/23

Venue: Dadar Chowpatty

Student In-charge: Shubhamkar Bhattacharya, Tanishq Vaidya, Shreya Sawant and Sonali Singh Conducted in collaboration with : Khushiyaan Foundation

### **About Program/Activity:**

As of 2023, the Mumbai University Guidelines remain focused on developing students' social awareness, values, and environmentally responsible behavior. To this end, a recent event saw 120 MCA students from the 2022-23 batch join forces with the Khushiyaan Foundation to organize a Beach Cleaning Drive at Dadar Chowpatty, Mumbai. The initiative aimed to motivate people to keep beaches clean and prevent them from throwing garbage into the water.

The beach was in dire need of attention, as it was filled with plastic bags and other forms of garbage. The participants worked tirelessly to clean up the area, leaving it free of pollution and debris. The camp's success is attributed not only to the hard work of the MCA students but also to their efforts to raise awareness about hygiene. Overall, the event served as a reminder of the importance of preserving our environment for future generations.



### **About Institute Social Responsibility (ISR) :**

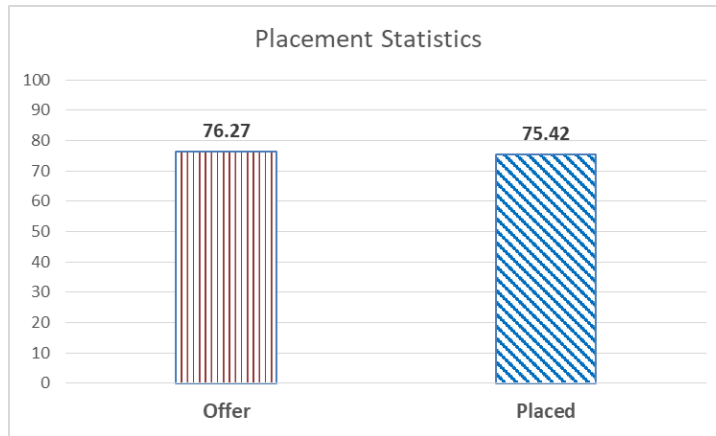
Institute Social Responsibility (ISR) is a concept that pertains to the ongoing dedication of institutions to conducting themselves in an ethical manner and contributing to the socioeconomic development of society as a whole. According to the ethical theory of social responsibility, individuals have a duty to fulfill their civic obligations, with the actions of each individual being geared towards benefiting society as a whole. This means achieving a balance between economic growth and the welfare of society and the environment, which is essential for sustainability. Social responsibility applies not only to organizations but also to individuals whose actions impact the environment. It can be passive or active, involving either avoiding socially harmful acts or engaging in activities that directly advance social goals. As individuals, we can contribute to society through various social activities, whether individually or in association with institutes, social organizations, NGOs, or clubs.

Number of Student Participants:

120 students participated in the event/activity.

## **Placement (2022-2023) MCA Placement Report 2023**

VESIT has a policy of more than one job offer for a particular student. The total job offer refers to the count of the number of offers received by students. Placed refers to the actual how many students got placed counting one job per student.



### Placement Statistics Academic Year 2022-2023

- Maximum Salary: 17.75 LPA
- Minimum Salary: 4 LPA
- Average Salary: 7.64
- Total Number of Companies: 33
- Number of Companies exclusively for MCA: 17
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## Report on Structuring your Research Paper Effectively

Date: 22nd November, 2022

Venue: Room No 10

Conducted by/organized by: SPICE COMMITTEE

Target Audience: SYMCA

### About Program:

Session started with an introduction of the speaker Dr.Dhanamma Jagli.

Speaker explained about

- Types of Manuscripts

- Selecting a research domain and a topic from that domain in which you are interested in.
- Initial phases of research
- Research tools useful for writing research paper
- Demonstration of Mendeley desktop tool

Session was well appreciated by the participants. Question & Answers session was conducted simultaneously during the presentation

Speaker Profile:

- Name& Designation: Prof. Dr. Dhanamma Jagli (Deputy HOD, Dept. of MCA)
- Affiliation: V.E.S. Institute of Technology (V.E.S.I.T.)
- Email: dhanamma.jagli@ves.ac.in

● Poster of the Session:



**Photos of the Session:**





**Dr. Dhanamma Jagli & Mrs.Vaishali Gatty  
S.P.I.C.E In-Charges**