1.1.1- Curricula developed /adopted have relevance to the local/ national / regional/global developmental needs with learning objectives including Programme outcomes, Programme specific outcomes and course outcomes of all the Programme offered by the Institution.

INDEX

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1	Vision and Mission of the college	2
2	Vision and Mission, Program Outcomes, Program Specific Outcomes of Programs offered	3 - 8
3	Curriculum Relevance with Local/National and Global Needs	9 - 307

1. Vision Mission of the College:

Website Link: Vision & Mission - Sardar Patel Institute of Technology Sardar Patel Institute of Technology (spit.ac.in)

VISION

To build a renowned institute which will produce graduate engineers with global competency and social sensitivity.

MISSION

- Provide high quality education in engineering and technology promoting the Indian Values and Ethos that will prepare the participants to lead lives of personal integrity and civic responsibility in a global society.
- Promote an Educational Environment that combines academic study with the excitement of intellectual curiosity for engineers of tomorrow.
- Enhance career opportunities for students through Industry-Institute interaction, value-added courses and projects in cutting edge technology.
- Inculcate Entrepreneurial mindset in students to make them job creators.
- Focus on applied research to create next generation technologies.

Program Name	Vision & Mission, PSOs
Computer Engineering	**Website Link of Vision & Mission:** **https://comp.spit.ac.in/programs-visionmission/** **Vision:** **To build strong teaching and research environment to provide quality education in Computer Engineering.** **Mission** • **To serve society by producing globally competent computer professionals.** • **To foster relationship with leading Institutes as well as Industries to inculcate the spirit of cooperative and collaborative learning.** **PSOs** **PSO1: Successfully complete internship offered by industries or other institutes of repute.** **PSO2: Develop software applications to solve real life problems** **Website Link of Pos, PSO, PEO** https://comp.spit.ac.in/files/2020/03/New-PO_PSO_PI_UG_computers.pdf

Program Name	Vision & Mission, PSOs
Electronics Engineering	**Website Link of Vision & Mission** **https://etrx.spit.ac.in/objectives/** **Vision** To create professionally competent engineers, researchers and entrepreneurs in the field of electronics engineering for the benefit of society **Mission** To impart quality engineering education as per the industry need To motivate students to undertake research on next generation technologies To create an environment that shall foster growth of professionals capable of effectively using the scientific and technical knowledge for the betterment of mankind **PSOs** At the end of the programme student will be able to: PSO1: **troubleshoot** electronic circuits, systems and products PSO2: **use open source tools** for engineering practice PSO3: **draft patent and research paper** as per the publication standards **Website Link of Pos, PSO, PEO** https://etrx.spit.ac.in/files/2020/01/PO_PSO_Competency_PI.pdf

EXTC

Sardar Patel Institute of Technology

Munshi Nagar Andheri (West), Mumbai-400 058
Autonomous Institute Affiliated to Mumbai university

Vision & Mission, Program Specific Outcomes and Program Outcomes of the Programs offered:

Program Name	Vision & Mission, PSOs
Electronics and Telecommunication Engineering	**Website Link of Vision & Mission** **Vision:** To produce Telecommunication Engineers capable of effectively using the scientific and technical knowledge for the betterment of society **Mission:** 1. Provide high-quality teaching, state-of-the-art research and creative activity to acquire innovation and next generation technologies. 2. Develop educational and career goals, decision-making skills and job search strategies needed to manage their professional and academic pursuits. 3. Promote interaction and exchange with industry and other institutions of higher learning. **PSOs** PSO1: The ability to troubleshoot hardware and software faults/ bugs in Communication systems. PSO2: The ability to apply open source tools for solving technical problems **Website Link of Pos, PSO, PEO** https://extc.spit.ac.in/programme/b-tech/

Program Outcomes common to all programs

Engineering Graduates will be able to:

PO 1: Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization for the solution of complex engineering problems.

PO 2: Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO 3: Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet t h e specified needs with appropriate consideration for public health and safety, and cultural, societal, and environmental considerations.

PO 4: Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO 5: Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling to complex engineering activities, with an understanding of the limitations.

PO 6: The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO 7: Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO 8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO 9: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO 10: Communication: Communicate effectively on complex engineering activities with the engineering community and with t h e society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO 11: Project management and finance: Demonstrate knowledge and understanding of t h e engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO 12: Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Program Name	Vision & Mission, PSOs
MCA	**Website Link of Vision & Mission** https://mca.spit.ac.in/ **Vision** **To create a center of excellence which will produce cutting edge technologists to cater the needs of Business and Society** **Mission** • **To provide high quality education .** • **To train the students to excel in cutting edge technologies that makes them Industry ready.** • **To inculcate ethical and professional values in students for betterment of society.** • **To inculcate an Entrepreneurial mindset in students to make them job creators.** **PSOs** 1. Apply standard practices and strategies required for the industry 2. Solve real-world problems using cutting-edge technology. **Website Link of Pos, PSO, PEO** https://mca.spit.ac.in/index.php/vision-mission-2/ **(Everything is displayed on the same page)**

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

Program Outcomes common to all programs

Engineering Graduates will be able to:

PO 1: Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization for the solution of complex engineering problems.

PO 2: Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO 3: Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for public health and safety, and cultural, societal, and environmental considerations.

PO 4: Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO 5: Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling to complex engineering activities, with an understanding of the limitations.

PO 6: The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO 7: Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO 8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO 9: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO 10: Communication: Communicate effectively on complex engineering activities with the engineering community and with the society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO 11: Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO 12: Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

3. Curriculum Relevance with Local /National & Global Needs

Map the few courses w.r.t. following header with companies

Sr. No.	Program	Local Needs/Regional Needs	National Needs	Global Needs
I	MCA	Web Technology and python (1) BMP Paribas	Mobile Programming Lab (1) Google	Cyber Security (1) Oracle (2) JPMC
		Database Management system (1) Neenopal (2) Freespace	Data Warehousing and BI (1) WorkIndia (2) Nomura	Data Analytics and Visualization (1) Atlassian (2) Deutsche Bank
		Data Strurture (1) Adenza	cloud computing (1) Google (2) UGAM	Software Testing (1) Google (2) Microsoft
		Object Oriented Programming (1) Freespace (2) Smowcode	Java Programming (1) PhonePe (2) WorkIndia	Java Programming (1) Barclays
		Artificial Intelligence (1) Nomura	Machine Learning (1) Nomura	Deep Learning (1) Nomura

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

Course Mapping of Identified needs with POs & PSOs

Sr. No.	Name of Course	Mapping with needs	Mapping with COs	Mapping with POs	Mapping With PSOs
1	Web Technology	Web Technology and python (L) Mobile Programming Lab (N, G) Cyber Security(L, N, G)	CO1, CO2, CO3, CO4	PO1, PO2, PO3, PO5, PO9, PO11	PSO2
2	Database Management System	Datawarehousing (L, N, G) Business Intelligence (L, N, G) Data Visualization (L, N, G)	CO1, CO2, CO3, CO4, CO5, CO6	PO1, PO2, PO3,PO5, PO9, PO11	
3	Cloud Computing	Cloud computing, (L, N, G) Virtualization and cloud computing(L, N, G)	CO1, CO2, CO3, CO4	PO2, PO3, PO5, PO10, PO12	PSO2
4	Data structure	Object oriented programming, (L) JAVA Programming (L, N, G)	CO1, CO2, CO3, CO4	PO1,PO2, PO4, PO11	PSO2
5	Software Engineering	Project Software Management (L, N, G) Software Engineering(L, N, G)	CO1, CO2, CO3, CO4	PO1, PO2,PO3, PO 4, PO5	PSO1 PSO2
6	Artificial Intelligence	Machine Learning (L, N, G) Deep Learning(L, N, G)	CO1, CO2, CO3, CO4	PO1, PO2,PO3, PO 4, PO5, PO9, PO11	PSO1 PSO2

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

Program: Master of Computer Application

1. **Detail links for Board of Studies (BoS) Minutes of Meetings of all program:**

MCA: BOS:
https://drive.google.com/drive/folders/1hEXBgO1tlyHHvqN4SVHpbOU7oWzJjPk8?usp=drive_link

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Academic Council Minutes of Meetings:

MCA:
https://drive.google.com/drive/folders/1wto6QbWwLAQjsryjnIcBapEsS_vJ49PG?usp=drive_link

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Schemes and Syllabus of Autonomous and UOM Patterns

Being progressive autonomy status wef 2016 onwards, college has implemented both University of Mumbai Syllabus and Autonomous Level Syllabus

PG Programs Curriculum: Master of computer Application

Level	AY:2017-2018	AY:2018-2019	AY:2019-2020	AY:2020.2021	AY:2021-2022	AY:2022-2023
FY	Autonomous Curriculum (2017-18 Scheme)	Autonomous Curriculum (2017-18 Scheme)	Autonomous Curriculum (2017-18 Scheme)	Autonomous Curriculum (2020-21 Scheme)	Autonomous Curriculum (2020-21 Scheme)	Autonomous Curriculum (2020-21 Scheme)
SY	Autonomous Curriculum (2017-18 Scheme)	Autonomous Curriculum (2017-18 Scheme)	Autonomous Curriculum (2017-18 Scheme)	Autonomous Curriculum (2020-21 Scheme)	Autonomous Curriculum (2020-21 Scheme)	Autonomous Curriculum (2020-21 Scheme)
TY	Mumbai University Curriculum Evaluation at college	Autonomous Curriculum (2017-18 Scheme)	Autonomous Curriculum (2017-18 Scheme)			

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

Schemes and Syllabus of Autonomous and University of Mumbai

Give link

MCA Autonomous Scheme	
2022 23	Scheme: https://library.spit.ac.in/AS2022-23/mca-scheme-2022.pdf Sem 1 and 2: https://library.spit.ac.in/AS2022-23/mca-1-2-2022.pdf Sem 3 and 4: https://library.spit.ac.in/AS2022-23/mca-3-4-2022.pdf
2021 22	Scheme: https://library.spit.ac.in/AS2021-22/mca-scheme-2021-22.pdf Sem 1 and 2: https://library.spit.ac.in/AS2021-22/mca-1-2-2021-22.pdf Sem 3 and 4: https://library.spit.ac.in/AS2021-22/mca-3-4-2021-22.pdf
2020 21	Scheme: https://library.spit.ac.in/AS2020-21/mca-scheme-2020-21.pdf Sem 1 and 2: https://library.spit.ac.in/AS2020-21/mca-1-2-2020-21.pdf Sem 3 and 4: https://library.spit.ac.in/AS2020-21/mca-3-4-2020-21.pdf Sem 5 and 6: https://library.spit.ac.in/AS2020-21/mca-5-6-2020-21.pdf
2019 20	Sem 1 and 2: https://library.spit.ac.in/AS2019-20/MCA%20-%20First%20Year%20(sem%20I%20and%20II).pdf Sem 3 and 4: https://library.spit.ac.in/AS2019-20/SYMCA1920_SemIII_IV.pdf Sem 5 and 6: https://library.spit.ac.in/AS2018-19/mca5-6-2018.pdf
2018 19	Sem 1 and 2: https://library.spit.ac.in/AS2018-19/mca1-2-2018.pdf Sem 3 and 4: https://library.spit.ac.in/AS2018-19/mca3-4-2018.pdf sem 5 and 6: https://library.spit.ac.in/AS2018-19/mca5-6-2018.pdf
2017 18	All Sem: https://library.spit.ac.in/AS2017-18/mca-2017.pdf
University of Mumbai 2016 Scheme	All sem: https://library.spit.ac.in/syllabus/mca-1-2-2016.pdf

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Mumbai-58.

3. **Curriculum Relevance with Local /National & Global Needs**
Map the few courses w.r.t. following header with companies

Sr. No.	Program	Local Needs/Regional Needs	National Needs	Global Needs
2	Computer Engineering	Software Engineering Intellect Design Arena Sportsapp	Software Development Environment Work India Zomato PhonePe Dolat Capital	Project Development Barclays JPMC Oracle
		Database Management System Neenopal Freespace	Backend, Oracle DBMS WorkIndia Nomura	Big Data Analytics Atlassian Deutsche Bank
		Web Technology Kuhoo Kifaiti ASL (DevOps)	UI/UX design , prototyping , Figma, Pidoco, JustinMind Media.net Groww	Human Machine Interaction Oracle FSS Amazon
		Cloud Computing Adenza	AWS and MySQl ICICI Lombard UGAM	Virtualization and cloud computing Google Microsoft
		Object Oriented Programming	React and Node JS, system security	MVC architecture Trilogy

		Freespace Snowcode	PhonePe WorkIndia	Barclays
		Machine Learning Etherwire Lawyantra	**Soft computing** IDfy Quantiphi	**Natural Language Processing** Capgemini Fractal.ai

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Course Mapping of identified needs with POs & PSOs

Program: Computer Engineering

Sr. No.	Name of Course	Mapping with needs	Mapping with COs	Mapping with POs	Mapping With PSOs
1	Software Engineering	**Software Development Environment** Project development React, Node JS, Mongo DB, MVC architecture	CO1, CO2, CO3, CO4, CO5	PO2,PO3,PO5, PO9	PSO2
2	Database Management System	Mondo DB, Backend, Oracle, MySQL	CO1, CO2, CO3, CO4, CO5	PO1,PO2,PO3,PO4,PO5	
3	Big Data Analytics	Data analytics, Oracle DB	CO1, CO2, CO3, CO4	PO1,PO2,PO3,PO5, PO12	PSO2
4	Cloud Computing	Cloud computing, **Virtualization and cloud computing, aws cloud**	CO1, CO2, CO3, CO4	PO2, PO3, PO5, PO10, PO12	PSO2
5	Data structure	Object oriented programming, MVC architecture	CO1, CO2, CO3, CO4	PO1, PO3, PO9, PO10, PO11	
6	Artificial Intelligence and Machine Learning	Natural language processing Machine learning	CO1, CO2, CO3, CO4,CO5	PO1, PO2,PO3, PO5, PO9, PO10,PO12	
7	Human Machine Interaction	UI/UX design , prototyping , Figma, Pidoco, JustinMind	CO1, CO2, CO3, CO4	PO1,PO2,PO3,PO5	PSO2

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58

1. **Detail links for Board of Studies (BoS) Minutes of Meetings of all program:**

CE : BOS:
https://drive.google.com/drive/folders/1NbECorJ8xhHTap1IPLJQkiHYSRdvk1R3?usp=drive_link

2. **Academic Council Minutes of Meetings:**

CE : https://drive.google.com/drive/folders/1wto6QbWwLAQjsryjnIcBspEsS_vJ49PG?usp=drive_link

3. Schemes and Syllabus of Autonomous and UOM Patterns

Being progressive autonomy status wef 2016 onwards, college has implemented both University of Mumbai Syllabus and Autonomous Level Syllabus.

UG Programs Curriculum
Computer Engineering

Level	AY:2017-2018	AY:2018-2019	AY:2019-2020	AY:2020-2021	AY:2021-2022	AY:2022-2023
FE / FY	Autonomous Curriculum (2017-18 Scheme)	Autonomous Curriculum (2017-18 Scheme)	Autonomous Curriculum (2017-18 Scheme)	Autonomous Curriculum (2020-21 Scheme)	Autonomous Curriculum (2020-21 Scheme)	Autonomous Curriculum (2022-23 Scheme)
SE / SY	Autonomous Curriculum (2017-18 Scheme)	Autonomous Curriculum (2017-18 Scheme)	Autonomous Curriculum (2017-18 Scheme)	Autonomous Curriculum (2017-18 Scheme)	Autonomous Curriculum (2020-21 Scheme)	Autonomous Curriculum (2020-21 Scheme)
TE / TY	Mumbai University Curriculum	Autonomous Curriculum (2017-18 Scheme)	Autonomous Curriculum (2017-18 Scheme)	Autonomous Curriculum (2017-18 Scheme)	Autonomous Curriculum (2017-18 Scheme)	Autonomous Curriculum (2020-21 Scheme)
BE / B.Tech	Mumbai University Curriculum	Mumbai University Curriculum	Autonomous Curriculum (2017-18 Scheme)	Autonomous Curriculum (2017-18 Scheme)	Autonomous Curriculum (2017-18 Scheme)	Autonomous Curriculum (2017-18 Scheme)

PG Programs Curriculum
Computer Engineering

Level	AY:2017-2018	AY:2018-2019	AY:2019-2020	AY:2020-2021	AY:2021-2022	AY:2022-2023
FE / FY	Autonomous Curriculum (2017-18 Scheme)	Autonomous Curriculum (2017-18 Scheme)	Autonomous Curriculum (2017-18 Scheme)	Autonomous Curriculum (2020-21 Scheme)	Autonomous Curriculum (2020-21 Scheme)	Autonomous Curriculum (2020-21 Scheme)
SE / SY	Mumbai University Curriculum	Autonomous Curriculum (2017-18 Scheme)	Autonomous Curriculum (2017-18 Scheme)	Autonomous Curriculum (2017-18 Scheme)	Autonomous Curriculum (2020-21 Scheme)	Autonomous Curriculum (2020-21 Scheme)

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

Schemes and Syllabus of Autonomous and University of Mumbai
Give link

Autonomous Scheme 2022	
E&TC Engineering (UG & PG)	
Computer Engineering (UG+PG)	Sem V and VI https://drive.google.com/file/d/1uyzM9if9dm4m8Xt_2b_U0ocXIxcaswKj/view?usp=drive_link
Autonomous Scheme 2021	
E&TC Engineering (UG & PG)	
Computer Engineering (UG and PG)	Sem III and IV https://drive.google.com/file/d/1D1ci75ypt5eq-uSHyc7Y5eYwwUqP34rL/view?usp=drive_link PG https://drive.google.com/file/d/1eK4n9z4vY5fE8wVwM-T8DTlvgG01gc3j/view?usp=drive_link
Autonomous Scheme 2020	
E&TC Engineering (UG & PG)	
Computer Engineering (UG)	SEM VII and VIII https://drive.google.com/file/d/1vt5MtGATc8WZylr5rAD8hHeIou-5rvQ/view?usp=drive_link
Computer Engineering (UG)	**SEM V and VI** **https://drive.google.com/file/d/1CrpmdaMN_I879VqFT8zoYZuLNsgD6I5g/view?usp=drive_link**
	Autonomous Scheme 2018
Computer Engineering (UG and PG)	**SEM II and IV** **https://drive.google.com/file/d/1JknfCYAmJ9XqdvnC67t357Jp9NUZ18UH/view?usp=drive_link** **PG** **Sem I to IV** **https://drive.google.com/file/d/1EPFpUG8-DphM6I5v5ok5JNTF6Ts82lDy/view?usp=drive_link**

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University of Mumbai 2016 Scheme	
Computer Engineering (UG & PG)	**UG:** SEM III and IV https://drive.google.com/file/d/1YeKRBnNJX_cDbNAj0UvWgRhyd4R6mBw/view?usp=drive_link Sem V and VI https://drive.google.com/file/d/1qlffLcUddXCLYjuTGT6L26OR12iHwT1E/view?usp=drive_link Sem VII and VIII https://drive.google.com/file/d/1d40e7vyMn4_DJTj4chDnE1wJ9wrY-fIQ/view?usp=drive_link **PG:** **Sem I to IV** **https://drive.google.com/file/d/1Qt2cWbSBP06TmdXRmxJQVetulTa5OA7Y/view?usp=drive_link**

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Bhartiya Vidya Bhavan's ,
Sardar Patel Institute Of Technology Andheri (West) Mumbai

INDUSTRY RELATIONS

Workshops and Expert talk Record CMPN 2017-18

Sr. No	Name of the Event	Organized by	Conducted by	Date & Year	No of days	Panicipation
1	Expert Talk on Introduction to Complex Programmable Logic Devices & Field Programmable Gate Array	Prof. Anand Godbole	Dr. Surendra Rathod	6th August 2017	01 Day	S.E. Computers
2	Expert Talk on IP Security with Practical Approach	Prof. Pramod Bide	Prof. Nilesh Marathe	25th Sept 2017	01 Day	B.E. Computers
3	Expert Talk on Advanced MapReduce	Prof. Kiran Gawande	Mr. Srikant Gawande	17th November 2017	01 Day	M.E. Computers
4	Expert Talk on Collaborative Research & Internship Programs	Prof. Sunil Ghane	Dr. Daniel Hahn Mr. Raj Venkat	11th April 2018	01 Day	T.E. Computers

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Bhartiya Vidya Bhavan's ,
Sardar Patel Institute Of Technology Andheri (West) Mumbai
INDUSTRY RELATIONS
Workshops and Expert talk Record CMPN 2018-19

Sr. No.	Name of the Event	Organized by	Conducted by	Date & Year	No of days	Participation
1	Expert Talk on GIT	Prof. Soni Bhambar	Miss. Ritika Nevatia	2nd August 2018	01 Day	S.E. Computers
2	Expert Talk on Field Programmable Gate Array(FPGA) and Complex Programmable Logic Devices(CPLD)	Prof. Soni Bhambar	Dr. Surendra Rathod	4th October 2018	01 Day	S.E. Computers
3	Faculty Development Program on "Big data Analytics, IoT "	Dr. Sudhir Dhage Prof. Pramod Bide Prof. Sunil Ghane Prof. Yogesh jadhav	Dr. Sunil Bhartwaj	27th November - 29th November 2018	03 days	Faculties
4	Expert Talk on Opportunity for Higher Studies in Abroad	Dr. D. R. Kalbande	Mr. Ashish Nargundkar	24th January 2019	01 Day	T.E. Computers
5	Expert Talk on Machine learning and Arificial Inteligence and its Application	Prof. Pramod Bide	Dr. Mark Lee	27th February 2019	01 Day	B.E. Computers
6	SCRUM model in Agile Process Model	Prof. Reeta Koshy	Mr. Chaitanya Ajgoankar	8th April 2019	01 Day	T.E. Computers

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

Bhartiya Vidya Bhavan's ,
Sardar Patel Institute Of Technology Andheri (West) Mumbai
INDUSTRY RELATIONS
Workshops and Expert talk Record CMPN 2019-20

Sr. No.	Name of the Event	Organized by	Conducted by	Date & Year	No of days	Participation
1	Expert Talk on "Introduction to SAP"	Prof. Kiran Gawande	Mr. Arunjit Chaudhary	19th July 2019	01 Day	S.E. Computers
2	Expert Talk on "Career Counselling"	Prof. Sunil Ghane	Mr. Manmohan Kohli	30th July 2019	01 Day	B.E. Computers
3	Expert Talk on "Cloud Computing"	Dr. Preetida Jani	Mr. Pranav Phadke	1st August 2019	01 Day	T.E. Computers
4	Introduction to "Complex Programmable Logic Devices (C.P.L.D) and Field Programmable Gate Array (FPGA)"	Prof. Anand Godbole	Dr. Surendra Rathod	25th Sept 2019	01 Day	S.E. Computers
5	Expert talk on "System Analysis & Design"	Prof. Reeta Koshy	Dr. Rajeev S	1st October 2019	01 Day	S.E. Computers
6	Expert talk on "Big data Analytics – Tableau Tool"	Prof. Pramod Bide Prof. Reeta Koshy	Mr. Abhishek Dhadas	4th October 2019	01 Day	B.E. Computers
7	FDP on "Faculty Development Program on Unleashing the Potential of Data Science for Engineers"	Dr. Preetida Jani Prof. Pramod Bide	Mr. Sunil Bhartwaj Mr. Akshay Dixit	9th December 2019 to 14th December 2019	1 Week	Faculties

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Bhartiya Vidya Bhavan's ,
Sardar Patel Institute Of Technology Andheri (West) Mumbai
INDUSTRY RELATIONS
Workshops and Expert talk Record CMPN 2020-21

Sr. No	Name of the Event	Organized by	Resource Person	Date & Year	Duration	Participation	No of Participants
1	Expert Talk on "Agile SCRUM Methodology- A Case Study"	Prof. Reeta Koshy	Mrs. Anna George	30th March 2021	2hrs	TE Computers	70
2	Expert Talk on "BlockChain Technology"	Prof. Sunil Ghane	Prof. Yogesh Jadhav	28th July 2021	2hrs	M.Tech Computers	6

Prof. Sunil Ghane
IR Coordinator

Dr. D.R. Kalbande
Dean IR

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Bhartiya Vidya Bhavan's,
Sardar Patel Institute Of Technology Andheri (West) Mumbai
INDUSTRY RELATIONS
Workshops and Expert talk Record CMPN 2021-22

Sr. No.	Name of the Event	Organized by	Resource Person	Date & Year	Duration	Participation	No of Participants
1	Expert Talk on "AI and its emerging trends"	Dr. D. R. Kalbande	Dr.Nilakshi Jain	17th November 2021	1hr	BE Computers	40

Prof. Sunil Ghane
IR Coordinator

Dr. D.R. Kalbande
Dean IR

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Bhartiya Vidya Bhavan's ,
Sardar Patel Institute Of Technology Andheri (West) Mumbai
Workshops and Expert talk Record CMPN 2022-23

Sr. No.	Name of the Event	Organized by	Resource Person	Date & Year	Duration	Participation	No of Participants
1	Expert Talk on "Current Trends and research opportunity"	Dr. D. R. Kalbande	Neelam Gulrajani	12th November 2022	2hrs	BE,TE Students	54
2	Expert Talk on "DevOP – CI/CD pipeline in Software Engineering"	Prof. Reeta Koshy	Mr. Ankit Verma,	14th November 2022	1hr	TE	70
3	Expert Talk on "Case Study – Multi/Hybrid cloud setup"	Prof. Reeta Koshy	Mr. Ambar Hassani	13th March 2023	3hrs	TE	60

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

1.1.1 Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific outcomes (PSOs) and Course Outcomes (COs) of the Programmes offered by the Institution.

Sr. No.	Program	Local Needs/Regional Needs	National Needs	Global Needs
		VLSI and Embedded systems: Hitron (India) Private Limited, Pune, Embionics Technology Pvt. Ltd., Helios IoT System Pvt.Ltd.	Python Programming Birlasoft Limited, Cummins Technologies NXP India Pvt. Ltd.	AI and ML CAPGEMINI Google
		Power Electronics: Tata Motors Pune HITACHI Automotive India Pvt. Ltd., KPIT Technologies, Pune, RSB Transmission India Ltd., SINTERCOM India Ltd., Kinetic Green Energy and Power Solutions. VARROC India, Plethora Power Pvt. Ltd.	Information Securityand Storage Technology: HERMAN A Samsung Company Mercedes Benz India Amazon EMC2 IBM	Data Analytics:INT. UNEECOPS SAP. Accenture Analytics. Tableau. Qlik. FractalAnalytics. Manthan. Oracle.
5	ETRX Engineering	**Control systems and Networking :** VELOCIS SYSTEMS PVT LTD, HCL INFOSYSTEMS LTD. PROACTIVE DATA SYSTEMS PVT LTD, Tata Communications Ltd. (TCL), IBM India Private Limited.	SOC NXP India Pvt. Ltd. ST Microelectronics Analog Devices Texas instruments Microchip Cypress Semiconductors	Robotics Robert Bosch BOSTON Dynamics CANVAS Technology Digilent Robotics Bluefin Robotics
		Signal Processing Incise InfoTech Private Limited Pune, Wavelet Technologies Pune, Bit Mapper Integration Technologies Pvt Ltd., Kinetic Communication Ltd.,	VLSI Design and Applications Cadence Design Systems Seagate Technology Intel India Ltd. NXP India Pvt. Ltd.	Foreign Languages WIPRO, Accenture, Robert Bosch
		Analog and Digital Circuits and Devices, Equipment Design and Manufacturing, PLC Programming: Fuji Electric Pvt. Ltd., Hallmark Electronics, Electronika Mechatronics Systems Digitronics, Embionics Technologies, VISHAY Electronics Hitachi Hi-Rel Power Kirloskar India Mitsubishi Electric IndiaPvt. Ltd	Agriculture Electronics Inventrom Pvt.Ltd. Panama Group of Industries SYDLER Electronics Pvt.Ltd	Digital Farming TATA Digitate MOTHIVE CropX ARABLE GAMAYA AgriData

Course Mapping of Identified needs with POs & PSOs

Program: Electronics and Telecommunication Engineering

Sr. No.	Name of Course	Mapping with needs	Mapping with COs	Mapping with POs	Mapping With PSOs
1	Digital CMOS VLSI Design	VLSI and embeded circuits (L)VLSI Design (G) SOC (G)	CO1, CO2,	PO1, PO2, PO3, PO5	PSO1 PSO2
2	Electronics Devices and Analog Circuits	Analog and Digital Circuits and Devices (L), Equipment Design and Manufacturing (N), Power Electronics (L,N, G)	CO1, CO2, CO3, CO4	PO1, PO2, PO3, PO5	PSO1 PSO 2
3	Power Electronics	Power Electronics Programming (L,N,G) Python Programming (G) Cloud Computing (N,G) Big Data (G) AI & ML (L,N,G)	CO1, CO2, CO3	PO2,PO3, PO4,PO9 PO11	PSO1 PSO 2
4	Probability and Stochastic Processes	Probability (L,N,G) Stochastic Processes (L,N,G)	CO1, CO2, CO3	PO1, PO2 PO4,PO5	PSO1 PSO 2
5	Analog and Digital Communication	Signal Processing (L,N,G) 5G, 6G (N,G) Information Security (L,N,G)	CO1, CO2, CO3	PO1,PO2 PO4,PO5	PSO1 PSO 2
6	Microcontroller	IoT based Embedded systems (L,N,G)	CO1, CO2, CO3, CO4	PO1,PO2, PO3,PO4 PO5	PSO1 PSO 2
7	Computer Communication and Networking	Computer communication Networking (L,N,G)	CO1, CO2, CO3, CO4	PO1,PO2, PO3,PO4 PO5	PSO1 PSO 2

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Electronics Engineering Department

Academic Year: 2019-2020

Summary of Guest Lectures

Sr. No.	Gap	Topic	Speaker	Faculty Co-ordinator	Date	No. of student present	Relevance of POs, PSOs
1	Awareness about recent trends in VLSI	One day Workshop on VLSI	Dr. Ashwini Gajrushi Research Scholar, IITB, Mumbai	Prov. P.V. Kasambe	6th October 2019	10 (B.E. ETRX)	PO12
2	Knowledge of state space analysis and recent trends in control system	"State Space Analysis and Advances in control system"	Prof. D. S. Sawant Assistant Professor, EXTC department, MPSTME, Mumbai	Prof. Najib Ghatte	26th February 2020	65 (S.E ETRX)	PO2
3	Alumni talk	SPIT to University of Michiganand andResearch in Solid-State Physics and Medical Imaging	Ms. Aunnasha Sengupta Ph.D candidate at University of Michigan	Dr. S. S. Rathod	13th April 2020	49 (S.E, T.E, B.E ETRX)	PO12
4	Alumni talk	Electronics in Automotive Industry	Ms. Natasha Choudhary L&T Technology Services Infotainment Testing (Automotive OEM) Munich, Germany	Dr. S. S. Rathod	14th April 2020	37 (S.E, T.E, B.E ETRX)	PO12
5	Alumni talk	Being an IC Design Engineer	Mr. Henil Langalia Senior IC Design Engineer at Analog Devices	Dr. S. S. Rathod	15th April 2020	45 (S.E, T.E, B.E ETRX)	PO12

Academic Year: 2019-2020

Summary of Guest Lectures

6	Alumni talk	General Q/A and Real-Time System Security	Mr. Tanmaya Mishra Ph.D. candidate at Virginia Tech	Dr. S. S. Rathod	15th April 2020	42 (S.E, T.E, B.E ETRX)	PO12
7	Alumni talk	HDL workflows with MATLAB	Mr. Pawan Fakatkar Education Technical Evangelist, MathWorks	Dr. S. S. Rathod	16th April 2020	38 (S.E, T.E, B.E ETRX)	PO12
8	Alumni talk	GRAKN: The knowledge Graph software for Robot Operating System	Mr. Shreyas Palande M.S. Student at Technische University Delft, Netherlands and Mr. Niket Shah M.S. Student at University of Maryland	Dr. S. S. Rathod	17th April 2020	34 (S.E, T.E, B.E ETRX)	PO12
9	Alumni talk	ASIC verification current trends and methodologies	Mr. Nandish Avlani Senior Design Engineer at AMD	Dr. S. S. Rathod	18th April 2020	36 (S.E, T.E, B.E ETRX)	PO12
10	Alumni talk	General QnA on MS in US and Internet of Things	Ms. Aditi Tripathi PhD student at University of Florida	Dr. S. S. Rathod	19th April 2020	32 (S.E, T.E, B.E ETRX)	PO12

Academic Year: 2019-2020

Summary of Guest Lectures

11	Alumni talk	Working as a verification engineer	Ms. Jaskirat Kaur SOC Verification Engineer, Apple	Dr. S. S. Rathod	20th April 2020	29 (S.E, T.E, B.E ETRX)	PO12
12	Alumni talk	Experience of working at Intel and ARM	Mr. Omkar Mansata Senior Design Engineer at ARM, Austin	Dr. S. S. Rathod	21st April 2020	31 (S.E, T.E, B.E ETRX)	PO12
13	Alumni talk	Open-Source tools for hardware and firmware design	Dr. Ronak Gandhi JMA Wireless, Sr. Electrical Engineer, Ph.D in Electrical and Computer Science from Syracuse University	Dr. S. S. Rathod	22nd April 2020	24 (S.E, T.E, B.E ETRX)	PO12
14	Alumni talk	Pursuing non-technical education in the US and associated careers	Mr. Jugal Gala M.S. in Management Science & Engineering, Stanford	Dr. S. S. Rathod	23rd April 2020	20 (S.E, T.E, B.E ETRX)	PO12
15	Alumni talk	Insights into Digital Strategy and Brand Strategy	Ms. Samiksha Gupta Ex- Digital Strategy consultant with Deloitte and currently working as Brand Strategist at Leo Burnett.	Dr. S. S. Rathod	24th April 2020	15 (S.E, T.E, B.E ETRX)	PO12

Academic Year: 2019-2020

Summary of Guest Lectures

16	Alumni talk	10 key learnings in my journey from Campus to Corporate to Entrepreneurship	Mr. Rohan Daftary Core Member & Co-Founder, Fintso; MBA - IIM Trichy. Ex Avendus, Kotak	Dr. S. S. Rathod	25th April 2020	17 (S.E, T.E, B.E ETRX)	PO12
17	Alumni talk	Experience in Front End verification at PowerVR Graphics Processor Division, Imagination Technologies	Mr. Jugal Mistry Senior Hardware Engineer, Imagination Technologies, Pune	Dr. S. S. Rathod	26th April 2020	29 (S.E, T.E, B.E ETRX)	PO12
18	Alumni talk	2 cents on navigating throuh life in the US, Any general EE/VLSI related questions	Mr. Karan Shah MS in Electrical Engineering from USC, Memory Systems design engineer at Western Digital Ms. Gauri Dalvi MS in Electrical Engineering from USC, Physical Design engineer at NVIDIA Corporation	Dr. S. S. Rathod	26th April 2020	29 (S.E, T.E, B.E ETRX)	PO12
19	Alumni talk	A Day in Life of Physical Design Engineer + MS VLSI Queries	Mr. Nimish Agashiwala Graphics Hardware Engineer, Intel Corporation, Folsom, CA	Dr. S. S. Rathod	27th April 2020	25 (S.E, T.E, B.E ETRX)	PO12

Academic Year: 2019-2020

Summary of Guest Lectures

20	Alumni talk	Industry Standard VLSI tool flow methodology (specifically Auto Place and Route)	Mr. Ameya Abhyankar SoC Design and Methodology Manager, Intel Corporation, Portland, Oregon	Dr. S. S. Rathod	27th April 2020	25 (S.E, T.E, B.E ETRX)	PO12
21	Alumni talk	Experience of working on Embedded Systems at CISCO and building RTOS	Mr. Kshitij Desai Software Engineer at Netskope, San Francisco	Dr. S. S. Rathod	28th April 2020	20 (S.E, T.E, B.E ETRX)	PO12
22	Alumni talk	Q/A Performance modelling, Compilers, NVIDIA	Mr. Kartik Haria System Software Engineer, NVIDIA, Santa Clara	Dr. S. S. Rathod	1st May 2020	22 (S.E, T.E, B.E ETRX)	PO12
23	Alumni talk	Research at UBC	Prof. Prashant Nair University of British Columbia UK	Dr. S. S. Rathod	2nd May 2020	26 (S.E, T.E, B.E ETRX)	PO12
24	Alumni talk	Implementing User Research, Lean Startup, and Product Management in academic projects	Mr. Prasad Gaikwad Masters in Mechanical Engineering (Product Design) UC Berkeley, Product Manager (Siemens Pittsburgh)	Dr. S. S. Rathod	2nd May 2020	26 (S.E, T.E, B.E ETRX)	PO12
25	Alumni talk	Introduction to Machine Learning and	Ms. Sanskruti Naik, Systems Engineer at	Dr. S. S. Rathod	3rd May 2020	22 (S.E, T.E,	PO12

Academic Year: 2019-2020

Summary of Guest Lectures

		Basic Terminologies	Qualcomm, Mr. Nachiket Nanadikar Senior Embedded Software Engineer at Qualcomm			B.E ETRX)	
26	Alumni talk	Flexible Stretchable Electronics	Mr. Virendra Parab PhD scholar at Indian Institute of Science, Bengaluru	Dr. S. S. Rathod	3rd May 2020	22 (S.E, T.E, B.E ETRX)	PO12
27	Alumni talk	Insights into Voice enabled embedded systems to Search Engines	Mr. Samarth Shah Software Developer, Microsoft, Redmond (Masters in Embedded Systems, UPenn)	Dr. S. S. Rathod	8th May 2020	70+ (S.E, T.E, B.E ETRX)	PO12
28	Alumni talk	Changing energy landscape (Renewables & beyond) + General chat on personal development	Mr. Srinath Iyer (Master in Management from The London School of Economics and Political Science, Masters in International Management Ivey Business School at Western University) Senior Business Developer, Gas to Power, BP	Dr. S. S. Rathod	8th May 2020	70+ (S.E, T.E, B.E ETRX)	PO12

Academic Year: 2019-2020

Summary of Guest Lectures

29	Alumni talk	DFT and Scan Insertion	Ms. Aditi Samant CPU Design Engineer, Intel Corp., Hudson, Massachusetts	Dr. S. S. Rathod	9th May 2020	24 (S.E, T.E, B.E ETRX)	PO12
30	Alumni talk	Overview on Mixed Signal Design Trends and Aspects of Verification	Mr. Manish Jain ASIC Design Engineer, Apple	Dr. S. S. Rathod	9th May 2020	20 (S.E, T.E, B.E ETRX)	PO12
31	Alumni talk	From Electronics to Neuroscience	Ms. Brinda Sevak Research Specialist, Department of Neuroscience, University of Wisconsin – Madison	Dr. S. S. Rathod	10th May 2020	22 (S.E, T.E, B.E ETRX)	PO12
32	Alumni talk	VLSI design job opportunities available in India. (About chip designing)	Mr. Saikalash Shetty Staff Engineer in Samsung Electronics	Dr. S. S. Rathod	10th May 2020	16 (S.E, T.E, B.E ETRX)	PO12
33	Awareness about possibilities of higher studies and opportunities in core domain.	"Career Options and Opportunities"	Mr. Renjith.C.V. Electrical Architect/ Product Designer, Philips India Ltd., Pune	Dr. D. C. Karia	7th June 2020	93 (T.E, B.E ETRX)	PO1, PO6, PO12
34	Awareness about care to be taken while designing medical devices.	"Medical Device Design"	Mr. Renjith.C.V. Electrical Architect /Product Designer, Philips India Ltd., Pune	Dr. D. C. Karia	21st June 2020	43 (B.E)	PO1, PO6, PO12

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Electronics Engineering Department

Academic Year: 2021-2022

Summary of Guest Lectures

Sr. No.	Gap	Topic	Speaker	Faculty Co-ordinator	Date	No. of student present	Relevance of POs, PSOs
1	Awareness about use of signals and systems in healthcare and in stock market	"Signal System in Emergency Healthcare and Indian Stock Market"	Mr. Vaibhav Awandekar, R&D Manager, A3 Monitoring Technologies Pvt. Ltd., An IIT Bombay Company, Mumbai	Prof. Najib Ghatte and Dr. Amol Deshpande	27th April 2022	154 (S.E EXTC & S.E ETRX)	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO11, PO12, PSO2

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1.1.1 Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific outcomes (PSOs) and Course Outcomes (COs) of the Programmes offered by the Institution.

Sr. No.	Program	Local Needs/Regional Needs	National Needs	Global Needs
5	EXTC Engineering	**VLSI and Embedded systems:** Hitron (India) Private Limited, Pune, Embionics Technology Pvt. Ltd., Helios IoT System Pvt.Ltd.	Python Programming Cypress Semiconductors Birlasoft Limited, Cummins Technologies NXP India Pvt. Ltd.	AI and ML CAPGEMINI Google
		Power Electronics and energy systems: Tata Motors Pune HITACHI Automotive India Pvt.Ltd., KPIT Technologies, Pune, RSB Transmission India Ltd., SINTERCOM India Ltd., Kinetic Green Energy and Power Solutions, VARROC India, Plethora Power Pvt. Ltd.	Information Securityand Storage Technology: HERMAN A Samsung Company Mercedes Benz India Amazon EMC_2 IBM	Data Analytics: INT. UNEECOPS SAP. Accenture Analytics. Tableau. Qlik. Fractal Analytics. Manthan. Oracle.
		Communication Engineering : VELOCIS SYSTEMS PVT LTD. HCL INFOSYSTEMS LTD. PROACTIVE DATA SYSTEMS PVT LTD. Tata Communications Ltd. (TCL), IBM India Private Limited,	SOC NXP India Pvt. Ltd. ST Microelectronics Analog Devices Texas instruments Microchip	Robotics Robert Bosch BOSTON Dynamics CANVAS Technology Digilent Robotics Bluefin Robotics
		Signal Processing Incise InfoTech Private Limited Pune, Wavelet Technologies Pune, Bit Mapper Integration Technologies Pvt Ltd., Kinetic Communication Ltd.,	VLSI Design and Applications Cadence Design Systems Seagate Technology Intel India Ltd. NXP India Pvt. Ltd.	Foreign Languages WIPRO, Accenture, Robert Bosch
		Analog and Digital Circuits and Devices, Equipment Design and Manufacturing, PLC Programming: Fuji Electric Pvt. Ltd., Hallmark Electronics, Electronika Mechatronics Systems Digitronics, Embionics Technologies, VISHAY Electronics Hitachi Hi-Rel Power Kirloskar India Mitsubishi Electric IndiaPvt. Ltd	Agriculture Electronics Inventrom Pvt.Ltd. Panama Group of Industries SYDLER Electronics Pvt.Ltd	Digital Farming TATA Digitate MOTHIVE CropX ARABLE GAMAYA AgriData

Course Mapping of Identified needs with POs & PSOs

Program: Electronics and Telecommunication Engineering

Sr. No.	Name of Course	Mapping with needs	Mapping with COs	Mapping with POs	Mapping With PSOs
1	Mobile and wireless communication	Wireless communication (L), 5G 6G (N) Information security (N) Communication Technologies (G)	CO1, CO2,	PO1, PO2, PO3, PO5	PSO1 PSO2
2	Electronics Devices and Analog Circuits	Analog and Digital Circuitsand Devices (L), Equipment Design and Manufacturing (N), Power Electronics (L,N, G)	CO1, CO2, CO3, CO4	PO1, PO2, PO3, PO5	PSO1 PSO 2
3	Power Electronics	Power Electronics Programming (L,N,G) Python Programming (G) Cloud Computing (N,G) Big Data (G) AI & ML (L,N,G)	CO1, CO2, CO3	PO2,PO3, PO4,PO9 PO11	PSO1 PSO 2
4	Probability and Stochastic Processes	Probability (L,N,G) Stochastic Processes (L,N,G)	CO1, CO2, CO3	PO1, PO2 PO4,PO5	PSO1 PSO 2
5	Analog and Digital Communication	Signal Processing (L,N,G)5G, 6G (N,G) Information Security (L,N,G)	CO1, CO2, CO3	PO1,PO2 PO4,PO5	PSO1 PSO 2
6	Microcontroller	IoT based Embeddedsystems (L,N,G)	CO1, CO2, CO3, CO4	PO1,PO2, PO3,PO4 PO5	PSO1 PSO 2
7	Computer Communication and Networking	Computer communication Networking (L,N,G)	CO1, CO2, CO3, CO4	PO1,PO2, PO3,PO4 PO5	PSO1 PSO 2

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

Sardar Patel Institute of Technology
Electronics and Telecommunication Department
Academic Year : 2019 to 2022

Guest Lectures

Year 202 -22	SESSION TOPIC	ORGANISOR	RESOURCE PERSON	SEM	STUDENTS
2021-22	Role of AI in Laws for Engineers	Dr Y S Rao	Sindhu Nair	III EXTC,MCA,ETRX	20
21	SESSION TOPIC	ORGANISOR	RESOURCE PERSON	SEM	STUDENTS
2020-21	Case Studies & Applications of Probability and Stochastic processes	Prof. Amol Deshpande	B.E. EXTC Students: Siddharth Das, Ashutosh Pandya, Chinmay Raut	V	
2020-21	"Ethical Hacking-Hands on session "	Prof. Vijaya Kamble	Mr Veerendra GG Security Research Head ,SecPod Technologies Pvt. Ltd.	VII	81
2020-21	Fabrication Processes and Virtual Lab Visit	Prof. Sneha Weakey	Mr. Nilesh Kusher, Sr.Research Fellow,Crystalline Silicon Group, NCPRE,IITB, Mumbai	III	140
2020-21	Military Antenna Applications	Prof. Pallavi Malame	Ms. Sheilu Singh, Scientist D, DRDO	VI	
Year 2019-21	SESSION TOPIC	ORGANISOR	RESOURCE PERSON	SEM	NO OF STUDENTS
2019-20	"DIGITAL FORENSIC"	Prof. Vijaya Kamble	Mr Yogendra Yadav LAB SYSTEMS INDIA Pvt	M.Tech-II (EXTC+COMPS)	15

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Report for the guest lecture on Role of AI in Laws for Engineers

Guest Lecture Topic : Role of AI in Laws for Engineers

Date: 7th August 2021 Time: 9:00 am to 11:00am

Guest Speaker: Sindhu Nair (PhD Research Scholar SPIT Computer) Department

Participants/Attendee: SE EXTC ,ETRX,MCA students (Total 20)

Organizer :Dr Y.S Rao Vice Principal SPIT

Coordinator : Prachi Dalavi

Meeting Link: https://meet.google.com/gpr-

1. Request mail

SARDAR PATEL INSTITUTE OF TECHNOLOGY
Andheri (W)
Mumbai-58.

2. Acceptance mail

3. List of Participant:

Sr No	STUDENTS EMAIL	STUDENTS NAME	UID	DEPT
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4	vaibhav.raina@spit.ac.in	Vaibhav Raina	2018110040	ETRX
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4. Photograph:

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5. Feedback:

Timestamp	Email Address	How relevant was the content discussed by the speaker?	How much interesting the session was for you?	Did the lecture cover what you were expecting?	What is your opinion about the speaker's knowledge about the domain?	Overall effectiveness of the lecture
8/10/2021 11:08:16	adarshkumar.singh@spit.ac.in	Extremely Good	Extremely Good	Extremely Good	Extremely Good	Extremely Good
8/10/2021 11:09:50	sreeram.k@spit.ac.in	Good	Extremely Good	Good	Good	Good
8/10/2021 11:11:41	vaibhav.raina@spit.ac.in	Extremely Good	Extremely Good	Extremely Good	Extremely Good	Extremely Good
8/10/2021 11:23:21	prathamesh.shelar@spit.ac.in	Good	Good	Good	Good	Extremely Good
8/10/2021 11:30:54	kalpesh.khandelwal@spit.ac.in	Extremely Good	Good	Extremely Good	Extremely Good	Extremely Good
8/10/2021 11:34:35	shubham.jaiswal@spit.ac.in	Extremely Good	Good	Extremely Good	Good	Extremely Good
8/10/2021 11:42:14	shivam.patel@spit.ac.in	Extremely Good	Extremely Good	Good	Extremely Good	Extremely Good
8/10/2021 11:42:24	abhishek.chopra@spit.ac.in	Extremely Good	Extremely Good		Extremely Good	Extremely Good
8/10/2021 11:42:43	nikhil.phadke@spit.ac.in	Extremely Good	Good	Extremely Good	Extremely Good	Good
8/10/2021 11:43:33	akash.bamble@spit.ac.in	Extremely Good	Extremely Good	Extremely Good	Extremely Good	Good
8/10/2021 11:43:57	shraddha.mishra@spit.ac.in	Extremely Good	Extremely Good	Good	Good	Good
8/10/2021 11:46:48	niraj.dhodi@spit.ac.in	Extremely Good	Extremely Good	Extremely Good	Extremely Good	Extremely Good

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8/10/2021 11:47:03	astik.jadhav@spit.ac.in	Extremely Good	Extremely Good	Good	Extremely Good	Extremely Good
8/10/2021 11:47:19	prajwal.warkhade@spit.ac.in	Good	Good	Good	Good	Good
8/10/2021 11:54:13	yugandhara.wadikar@spit.ac.in	Extremely Good	Good	Good	Good	Good
8/10/2021 11:54:50	tanuj.rajput@spit.ac.in	Good	Good	Good	Extremely Good	Extremely Good
8/10/2021 11:55:06	mohit.bellwani@spit.ac.in	Extremely Good	Extremely Good	Extremely Good		Good

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How relevant was the content discussed by the speaker?

17 responses

How much interesting the session was for you?

17 responses

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Did the lecture cover what you were expecting?

16 responses

What is your opinion about the speaker's knowledge about the domain?

16 responses

Overall effectiveness of the lecture

17 responses

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

RSA TE EXTC Sem V (AY 2020-21)

Guest Lecture

Guest lecture was delivered by B.E. EXTC Students Mr. Siddharth Das, Mr. Chinmay Raut and Mr. Ashutosh Pandya to TE EXTC students on 19th Sept 2020. Some screenshots are given below.

Feedback of student:

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

BHARATIYA
VIDYA BHAVAN'S
SARDAR PATEL INSTITUTE OF TECHNOLOGY
ANDHERI MUMBAI

ELECTRONICS AND TELECOMMUNICATION DEPARTMENT

Industry Person Guest Lecture Lab

For BE EXTC VII

Subject :CNSL LAB

Topic :"Ethical Hacking-Hands on session "

Speaker :Mr Veerendra GG
Company :Security Research Head ,SecPod Technologies Pvt. Ltd.

Date 24h September 2020 Time:10:00am to 12:00pm

Meeting link:https://meet.google.com/skp-eeix-rto

Invitation Mail to Speaker

Invitation to deliver a Expert Hands on session On topic "System Hacking using Metasploit Framework"

Vijya Kamble <vijya_kamble@spit.ac.in>
To: veerendra.cse@gmail.com

Tue, Sep 22, 2020 at 11:55 AM

Dear Sir,
Please find attachment Invitation letter to deliver a Expert Hands on session at the Bharatiya Vidya Bhavan's Sardar Patel Institute of Technology On topic "System Hacking using Metasploit Framework"
Date 24th September 2020 at 10.00 am to 12 .00pm Virtual mode.
Please accept the invitation.
On behalf of the Bharatiya Vidya Bhavan's Sardar Patel Institute of Technology, we look forward to the prospect of your Expert hands-on session at our meeting.
On behalf of the Bharatiya Vidya Bhavan's Sardar Patel Institute of Technology, look forward to the prospect of your Expert hands-on session at our meeting.
Thanks & Regards,
Prof Vijya Kamble
Assistant Professor
Electronics and Telecommunication Dept
Co-ordinator IRIS-IGRC Outreach Programme
Sardar Patel Institute of Technology, Andheri West, Mumbai
Mobile 9623097297,8010675104
Senior IEEE Member:92094471
IEEE Region: R10 -Asia and Pacific
Vision : To produce Telecommunication Engineers capable of effectively using the scientific and technical knowledge for the betterment of society.

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Mumbai-58.

Invitation Letter to Speaker

Bhavan's

SARDAR PATEL INSTITUTE OF TECHNOLOGY
(Autonomous Institute)

LETTER OF INVITATION - GUEST SPEAKER

To,
Mr Veerendra G
Security Research Head,
SecPod Technologies Pvt. Ltd.,
1354, 9th Cross, 33rd Main, JP Nagar I Phase,
Bangalore – 560078, Karnataka, India

Dear Sir,

Invitation to deliver a Expert Hands on session at the Bharatiya Vidya Bhavan's Sardar Patel Institute of Technology On topic "System Hacking using Metasploit Framework"

As **Cryptography and Network Security Lab (ETEL72A)** Subject Incharge I would like to invite you to deliver a Expert Hands on session at the **Bhavan's Sardar Patel Institute of Technology On topic "System Hacking using Metasploit Framework"** for B. Tech Electronics & Telecommunication Engineering students on 24th September 2020 at 10.00 am to 12.00pm Virtual mode.

On behalf of the **Bharatiya Vidya Bhavan's Sardar Patel Institute of Technology**, we look forward to the prospect of your Expert hands-on session at our meeting.

Yours sincerely,

(Mrs. Vijaya N Kamble)
Assistant Professor
EXTC Department
Bhavan's S.P.I.T.

(Dr. B. N. Chaudhari)
Principal
Bharatiya Vidya Bhavan's
SardarPatel Institute of Technology

SARDAR PATEL INSTITUTE OF TECHNOLOGY
Andheri (W)
Mumbai-58.

Acceptance Mail From Speaker

Vijaya Kamble <vijaya_kamble@spit.ac.in>

Invitation to deliver a Expert Hands on session On topic "System Hacking using Metasploit Framework"

Veerendra G <veerendra.cse@gmail.com>
To: Vijaya Kamble <vijaya_kamble@spit.ac.in>

Tue, Sep 22, 2020 at 1:52 PM

Hello Mam,

I am accepting the invitation for a hands-on session on the topic **"System Ethical Hacking using Metasploit Framework"** on **24th September 2020 from 10:00 AM to 12:00 PM** Virtual Mode.

Prerequisite:

1. Laptop with at least 8-16 GB RAM for running 2 Virtual Machines
2. VirtualBox 6 with proper networking (Bridged or NAT)
3. Kali Linux 2020 Virtual Machine 1 - (Attacker)
4. Fresh Windows 7 SP1 Virtual Machine 2 - (Victim)
    a. Disable Firewall and Security Software
    b. Disable UAC
    c. Install WinRAR version 5.80 or 5.61

Thanks!
Veerendra

Regards,

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Andheri (W)
Mumbai-58

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Andheri (W)
Mumbai-58

Feedback For Hands-on session on the topic "System Ethical Hacking using Metasploit Framework" 24th September 2020 Time 10:00 am to 12:00 pm Virtual Mode(CNSL-LAB 2020)

71 responses

Publish analytics

Rate the Presentation Style

70 responses

Rate the Contain of the Hands on Session & presentation.

71 responses

Will the knowledge gained from Expert hands on session be applicable in your study /further higher study ?

70 responses

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Mumbai-58.

I would recommend this Hands on to others also.

71 responses

What suggestions do you have for improving the such kinds of hands on sessions ?

34 responses

Google Forms

What you like least in this hands on session?

41 responses

The balance between lectures and hands-on sessions was optimal.

71 responses

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Andheri (W)
Mumbai-58.

Appreciation Letter to Speaker:

Bhavan's

SARDAR PATEL INSTITUTE OF TECHNOLOGY
(Autonomous Institute)
Bhavan's Campus, Munshi Nagar, Andheri (West), Mumbai - 400 058, India
E-mail: principal@spit.ac.in Website: www.spit.ac.in

Date: 24-09-2020

To,
Mr Veerendra G
Security Research Head,
SecPod Technologies Pvt. Ltd.,
1354, 9th Cross, 33rd Main, JP Nagar I Phase,
Bangalore - 560078, Karnataka, India

Dear Sir,

We on the behalf of **Bharatiya Vidya Bhavan's Sardar Patel Institute of Technology** extend our sincere thanks for showing interest and conducting Expert Hands on the topic **"System Ethical Hacking using Metasploit Framework" on 24th September' 2020 from 10:00 am to 12:00pm**. We are grateful to have your presence and in deep gratitude for sharing your expertise with students and faculty of **Bharatiya Vidya Bhavan's Sardar Patel Institute of Technology**. Please give your feedback and convey us deficiencies if any, so that we can improve further.

Looking forward for our association in future too.

With warm personal regards.

Thank you,

Yours sincerely,

(Mrs. Vijaya N Kamble)
Assistant Professor
EXTC Department
Bhavan's S.P.I.T.

(Dr. E. N. Chaudhari)
Principal
Bharatiya Vidya Bhavan's
SardarPatel Institute of Technology

SARDAR PATEL INSTITUTE OF TECHNOLOGY
Andheri (W)
Mumbai-58.

Bharatiya Vidya Bhavan's

Sardar Patel Institute of Technology

Bhavan's Campus, Munshi Nagar, Andheri (West), Mumbai-400058-India
(Autonomous College Affiliated to University of Mumbai)

Electronics & Telecommunication Engineering Department

Guest Session Report

Title of Session- Fabrication Processes and Virtual Lab Visit

Date- 10th Nov 2020

For the students of SE ETRX and EXTC, guest session on Device fabrication Processes and virtual lab visit to IIT Bombay was arranged.

Information of Resource person

Mr. Nilesh Kusher
Sr. Research Fellow
Crystalline Silicon Group, NCPRE
IITB, Mumbai

No. of students attended- 140(ETRX+EXTC)

Organized by

Prof. Sneha A. Weakey

Student's Feedback

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Bharatiya Vidya Bhavan's

Sardar Patel Institute of Technology

Bhavan's Campus, Munshi Nagar, Andheri (West), Mumbai-400058-India

(Autonomous College Affiliated to University of Mumbai)

Pictures:

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58

Sneha Weakey <sneha_15weakey@spit.ac.in>

Appreciation Letter

sneha weakey <sneha_15weakey@spit.ac.in> Fri, Jan 29, 2021 at 3:34 PM
To: Nilesh Kusher <nilu0508@gmail.com>

Dear Sir,
It was our pleasure to have you. Kindly accept this letter of appreciation from us.

--

Thanks and Regards
Sneha A. Weakey
Assistant Professor
EXTC Department,
Sardar Patel Institute of Technology, Andheri(W)-400058
Extension-385
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Appreciation_letter_Nilesh_Kusher.pdf
286K

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Andheri (W)
Mumbai-58

Pallavi Malame <pallavi_malame@spit.ac.in>

Invitation to conduct a Guest Lecture on " Antenna Applications"

Pallavi Malame <pallavi_malame@spit.ac.in> Mon, Jan 18, 2021 at 10:43 AM
To: sheilu.singh357@gmail.com
Cc: Reena Kumbhare <reena_kumbhare@spit.ac.in>

Hello Sheilu Maam,

The Department of Electronics and Telecommunication Engineering of S.P.I.T., Mumbai wishes to conduct a Lecture on "Antenna Applications " for Third year students on 19th Jan, 2021 (Tuesday) from 11.15 am -12.15 pm.

We kindly request you to be the resource person for the Lecture. Your expertise and knowledge will definitely benefit faculty and students. Please acknowledge us about your acceptance and availability on the above mentioned date.

--
Thanks & Regards,

Pallavi Nair,
Assistant Professor,
Electronics and Telecommunication Department,
Sardar Patel Institute of Technology,
Andheri(W).
Ext: 386

Vision : To produce Telecommunication Engineers capable of effectively using the scientific and technical knowledge for the betterment of society.

Mission:

1. Provide high-quality teaching, state-of-the-art research and creative activity to acquire innovation and next generation technologies.

2. Develop educational and career goals, decision-making skills and job search strategies needed to manage their professional and academic pursuits.

3. Promote interaction and exchange with industry and other institutions of higher learning.

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Tutorial: Guest Lecture 19/01/21

61 responses

Publish analytics

Name

61 responses

Yellamraju V H Sai Tarun

Gokul Nair

Ayush

Gauri Shetty

Arseta Singh

vyomesh sharma

Karan Kedia

Varun Agnihotri

Ruchika Shetty

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UCID

61 responses

2018120063

2018120039

2018120052

2018120054

2018120057

2018120053

2018120034

2018120002

2018120056

Quiz based on guest lecture

Antennas converts ----------to----------

61 responses

- a) Photons to electrons
- b) electrons to photons
- c) Both a and b
- d) none

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Gain is always ----------than directivity

61 responses

Radiation resistance of antenna is----------

61 responses

Antenna aperture is same as----------

61 responses

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The radiation pattern of a half-wave dipole has the shape of a _____

61 responses

Feedback

How relevant was the content discussed by the speaker?

61 responses

Was the talk interesting?

61 responses

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Was the presentation clear?

61 responses

Were your queries answered?

59 responses

Would you like to pursue projects in RF and related fields?

61 responses

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Any other suggestion?

20 responses

None

-

More frequent guest lectures and it would be great if you could ask the teachers of other subjects also to do the same. thank you ma'am

Nothing as of now

The session felt a bit too fast for me to understand all the concepts presented, so maybe it could cover less topics but in more detail.

No

no

Every thing was good!

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Google Forms

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BHARATIYA VIDYA BHAVAN'S
SARDAR PATEL INSTITUTE OF TECHNOLOGY
ANDHERI MUMBAI

ELECTRONICS AND TELECOMMUNICATION DEPARTMENT

Industry Person Guest Lecture Lab

For M.Tech Electronics & Telecommunication & M.Tech Computer Engineering

Subject :Digial Forensic Lab

Topic :"Digial Forensic"

Speaker :Mr Yogendra Yadav Director "
Company :LAB SYSTEMS INDIA Pvt Mumbai
Date : 6th February 2020 at . **Time:** 9 :00 am to 11:00am

Invitation Mail to Speaker:

LETTER OF INVITATION AS A GUEST SPEAKER

Vijaya Rambla <vijaya_rambla@spit.ac.in>
To: vijaya@lab-systems.co.in

Tue, Jan 28, 2020 at 3:27 PM

Respected sir,

I would like to invite you to speak at the Sardar Patel Institute of Technology On topic "DIGITAL FORENSIC" for M.Tech Electronics & Telecommunication & M.Tech Computer Engineering students on 6th February 2020 at 9 :00 am at 9:00

Please find attachment Invitation for Guest lecture letter .

Please Acknowledge.

Thank you very much for accepting my request for Guest lecture.

-- Thanks & Regards,
Mrs. Vijaya Rambla
Assistant Professor
Electronics and Telecommunication Dept.
Sardar Patel Institute of Technology, Andheri West, Mumbai
Mobile:9820207987,9619870104

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20200128_145421.jpg
35K bc

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Feedback Digital Forensic Guest Lecture

26/07/2021 Guest Lecture Topic"Digital Forensic" - Google Forms

Guest Lecture Topic"Digital Forensic"

Questions Responses 21

21 responses

Accepting responses

Summary Question Individual

Who has responded?

daniel.dsilva@spit.ac.in

sahil.shelar@spit.ac.in

surya.prakash@spit.ac.in

radhika.bailukar@spit.ac.in

shreyam.shah@spit.ac.in

nishigandha.pagare@spit.ac.in

ankur.pitale@spit.ac.in

vaishnavi.ganud@spit.ac.in

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Feedback Digital Forensic Lecture:

26/07/2021

Guest Lecture Topic"Digital Forensic" - Google Forms

Did you understand Digital Forensic concepts?

21 responses

Did you understand how Encase tool for Digital Forensic work ?

17 responses

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Mumbai-58

26/07/2021 Guest Lecture Topic"Digital Forensic" - Google Forms

Did you find the Guest Lecture on Topic"Digital Forensic" interesting?

19 responses

Did you find the Guest Lecture on Topic"Digital Forensic" relevant to your project ,research and created interest for research ?

21 responses

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Would you like to attend more such Guest Lecture / workshops on Digital Forensic ?

21 responses

Anymore Suggestion you wish to convey?

13 responses

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Mumbai-58.

Pooja Mam.

Bhartiya Vidya Bhavan's

SARDAR PATEL INSTITUTE OF TECHNOLOGY

Munshi Nagar, Andheri, Mumbai-400058

Minutes of the Meeting

EXTERNAL AUDIT EXIT MEETING

An external audit meeting was conducted to present significant observations, discuss matters, and provide feedback and suggestions on 19 January 2023 at 04.30 pm, in Conference Room No.105. All the faculty members were present at the meeting.

Auditors:

1. Prof. Mukul Sutaone, Vice Chancellor, COEP, Pune
2. Prof. Prashat Bartakke, COEP, Pune
3. Prof. Suhas Kakade, COEP, Pune
4. Prof. Anupa Subnis, SPCE, Mumbai
5. Prof. Jibi Abraham COEP, Pune
6. Prof. Mahesh Shirole VJTI Mumbai
7. Prof. Sunil Mane COEP, Pune
8. Prof. Vahida Attar COEP, Pune
9. Prof. M. M. Chandane VJTI Mumbai

Welcome and Introduction

1. All the external audit members were welcomed and introduced. Additionally, felicitated with tokens of appreciation.
2. Prof. Mukul Sutaone- the first vice-chancellor of the College of Engineering, Pune (COEP), Tech University, talked about the role of Engineering Faculty in the context of present education policies.
3. Sutaone Sir talked about the importance of a faculty member and why every faculty member should be multi-faceted and multi-dimensional in their approach towards research and students. Also, briefed on the importance of appraisal and performance.
4. Sutaone Sir provided encouragement on adopting new and experimental teaching methodologies in the classroom with each passing year.
5. Sir also highlighted that All Teachers should be Artists and explained the standing of a teacher's complete presence, connection with the students, and oratory skills in the classroom with special reference to non-verbal communication skills including facial expression, enthusiastic body language, showcasing interesting ways of making the lecture exciting and electrifying.
6. It was concluded by providing encouragement on developing an ability to learn and grow each day, to research, to excel, to listen to inner calls, to improve one's profile by making industry connect and, on the importance of introspection.

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Presentation of Significant Observations, Feedback and suggestions for the MCA Department

7. Students must be explained the curriculum, additionally the COPO attainments at the beginning of the course.
8. Course and Program mapping require more work.
9. Department was asked to plan outreach activities as it helps in the overall growth of the students.
10. Teachers were motivated to involve themselves in research and suggested the publication of their research.
11. They highlighted and emphasized on including Alumni in various activities comprising assessments, evaluation, curriculum design, etc.
12. Pronounced inviting moderators for question papers.
13. Compatibly, an open house should be arranged for solving queries after the grievance is marked.
14. They expressed their joy and support towards running SEVA/SATVA Courses and suggested that at least two lectures per week be allotted for the same in the timetable.
15. It was also suggested that Faculty members should be given time-to-time flexibility as it faciliates better relationships and belongingness towards the institute.
16. The meeting ended with Principal Sir announcing the flexibility of observing timing on the next working day.

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58

- Attendance -
Exit meeting of Lecture on

19th Jan - 2023

Name	Dept.	Sign
1. Dr. B. N. Chaudhari	Principal	
2. K. T. Talele	ETRX	
3. Sindhur D. Dhak	CE	
4. Pooja Raundale	CSE	Raundale
5. Abhijeet Vijay Salunke	Comp	
6. JIGNESH SISODIA	IT	
7. Kailas K. Devadkar	I.T.	
8. Rajendra G. Sutar	ETRX	
9. Prasenjit Bhavathankar	IT	
10. Prashant V. kasambe	ETRX	
11) C. R. Gajbhiye	(ASMH)	
12. H. B. Vasaikar	ASMH	
13. G. T. Haldankar	ETRX	
14 milind Pazaye	EXTC	
15 D. M. Patil	ASMH	
16 Dr. N. A. BHAGAT	ETRX	
17. Mr. A. A. Godbole	Comp	
18 Mr. D. D. Ambawade	EXTC	
19. RUPALI SAWANT	IT	
20. Pallavi Thakur	MCA	
21 Harshil Karkera	MCA	

22. Sneha A. Weakey EXTC

23. Dr Sukanya A Kulkarni EXTC

24. Dr. Surekha Dholay COMP

25. Dhananjay Kalbande COMP

26. Vinod Sikka T.P.O

Faculty meeting 19/1/2023

1)	Najib Shaikh	ETRX	
2)	Preetida V-Jani	comp	
3)	Jyoti Ramteke	Comp	
4)	Pramod Bide	comp	
5)	Kaisar Khan	ASMH	
6)	Natasha N. Paul	COMPS	NNPaul
7)	Meghna Naik	ASMH	19/1/23
8)	Sonali B. Wakhade	Comp	
9)	Akar Mulakshmi V	ASMH	Sumathi
10)	Amol Deshpande	EXTC	
11)	SPARSH VYAS	ASMH	
12)	Manisha R. Bansode	ETRX	
13)	Prajakta A. Jadhav	ASMH	
14)	Firdous Parveen	ASMH	
15)	Ruchika Patil	COMPS	
16)	Nikita Nagarkar	MCA	
17)	Abhijeet Bhagale	ASMH	
18)	Reeta Koshy	COMP	
19)	KIRAN GAWANDE	Comp	
20)	Priya Deshpande	ETRX	
21)	Payal Shah	ETRX	
22)	Varsha Hole	IT	
23)	Nikahet Khilla	IT	
24)	Swapnali Kulkade	IT	
25)	Pallavi Nair	EXTC	
26)	Aarti Karande	MCA	
27)	Dr. Sureshna Dhoray	COMP	

28> Dr. Y. S. Rao EXTC

29> Dr. Sujata Kulkarni EXTC

30> Dr. Reena Sonkusare EXTC

31> Dr. Ra Dar ASMH

S.No.	Name of the Faculty	Department	Signature
1	Pallavi Nair	EXTC	
2	Sneha Weakey	EXTC	
3	Pallavi More	Office	
4			
5	D. R. Kalbande	CSE (DS)	
6	Anand D. Mane	EXTC	
7	Milind Pozave	EXTC	
8	N. A. BHAGAT	ETRX	
9	Rita Das	ASMH	Rita Das.
10	D. D. Ambawade	CSE (AIML)	
11	Jignesh Shodia	COMP	
12	Kailas Devadkar	COMP	
13	Nayan Shaikh	ETRX	
14	Payal Shah	EXTC	
15	Manisha S. Banerode	EXTC	
16	Renuka Pawar	CSE (AIML)	
17	Pallavi Thakur	CSE (MCA)	
18	Swapnali Kulkarni	CE	
19	Rupali Sawant	COMP	
20	Harshil Kanakia	CSE (MCA)	
21	Meghana Naik	ASMH	
22	Sujata Kulkarni	EXTC/DS	
23	Aarti Karande	CSE (MCA)	
24	Priya Deshpande	EXTC	
25	Pooja Raundale	MCA	
26	Ruanthlabtani	ASMH	
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23/3/23 → Research Proposals Dr Kiran Bali

Sr.	Faculty Name	Department	Designation	Signature
1	Bansode Manisha Ravindra	EXTC	ASST. PROF.	
2	Bhagat Narendra Anant	EXTC	ASSO.PROF.	
3	Deshpande Amol Shripad	EXTC	ASST. PROF.	
4	Deshpande Priya Amol	EXTC	ASST. PROF.	
5	Ghatte Najib Nisar	EXTC	ASST. PROF.	
6	Haldankar Govind Tukaram	EXTC	ASST. PROF.	
7	Kamble Vijaya Nilesh	EXTC	ASST. PROF.	
8	Karia Deepak Chatarabhuj	EXTC	ASSO.PROF.	
9	Kasambe Prashant Vasantrao	EXTC	ASST. PROF.	
10	Kulkarni Sukanya Anil	EXTC	ASSO.PROF.	
11	Mane Anand Dnyaneshwar	EXTC	ASST. PROF.	
12	Nair Pallavi	EXTC	ASST. PROF.	
13	Paraye Milind Pandurang	EXTC	ASST. PROF.	
14	Parmar Manish Meghjibhai	EXTC	ASSO.PROF.	
15	Rao Srinivasa Ramkrishan	EXTC	PROFESSOR	
16	Shah Payal Hitesh	EXTC	ASST. PROF.	
17	Sonkusare Reena Seachin	EXTC	ASSO.PROF.	
18	Sutar Rajendra Govind	EXTC	ASSO.PROF.	
19	Talele Kiran Tulsiram	EXTC	ASSO.PROF.	
20	Weakey Sneha Ashok	EXTC	ASST. PROF.	
21	Bhavthankar Prasenjit B.	COMP	ASSO.PROF.	
22	Bide Pramod Jagannath	COMP	ASST. PROF.	
23	Devadkar Kailas K.	COMP	ASSO.PROF.	
24	Dhage Sudhir Namdeorao	COMP	PROFESSOR	
25	Dholay Surekha Rajesh	COMP	ASSO.PROF.	
26	Gawande Kiran Shrikant	COMP	ASST. PROF.	
27	Ghane Sunil Bahiru	COMP	ASST. PROF.	
28	Godbole Anand Avinash	COMP	ASSO.PROF.	
29	Koshy Reeta Anil	COMP	ASST. PROF.	
30	Kurhade Swapnali	COMP	ASST. PROF.	
31	Nimkar Anant Vitthalrao	COMP	ASSO.PROF.	
32	Ramteke Jyoti Y.	COMP	ASST. PROF.	
33	Raul Nataasha Nitin	COMP	ASST. PROF.	
34	Sail Disha	COMP	ASST. PROF.	
35	Salunkhe Abhijeet Vijay	COMP	ASST. PROF.	
36	Sisodia Jignesh	COMP	ASST. PROF.	
37	Hole Varsha	CS-DS	ASST. PROF.	
38	Kalbande Dhananjay R.	CS-DS	PROFESSOR	
39	Kulkarni Sujata Shekhar	CS-DS	ASSO.PROF.	
40	Mulla Nikahat Sammie	CS-DS	ASST. PROF.	
41	Ambawade Dayanand Ambawade	CS-AIML	ASSO.PROF.	
42	Chaudhari Sheetal Yogesh	CS-AIML	ASST. PROF.	
43	Halbe Aparna	CS-AIML	ASST. PROF.	
44	Pawar Renuka	CS-AIML	ASST. PROF.	
45	Anandlakshmi Venkatesh	ASMH	ASST. PROF.	
46	Das Rita Amitabh	ASMH	ASSO.PROF.	
47	Gajbhiye Chandrashekar R.	ASMH	ASST. PROF.	

Sr.	Faculty Name	Department	Designation	Signature
48	Katchi Kaiser Iqbal	ASMH	ASST. PROF.	
49	Naik Meghana Laxman	ASMH	ASST. PROF.	
50	Patil Dnyanraj Marutirao	ASMH	ASSO.PROF.	
51	Vasaikar Hemant Babulal	ASMH	ASST. PROF.	
52	Sawant Rajendra R.	EXTC	PROFESSOR	
53	Sikka Vinod Kumar	TPO	TPO	
54	Shaikh Firdous Parveen Moham. Asif	ASMH	ASST. PROF.	
55	Vyas Sparsh	ASMH	ASST. PROF.	
56	Jadhav Prajakta	ASMH	ASST. PROF.	
57	Mehta Umangi	ASMH	ASST. PROF.	
58	Wankhede Sonali	CS-AIML	ASST. PROF.	
59	Bhogale Abhijeet	ASMH	ASST. PROF.	
60	Desai Akanksha	ASMH	ASST. PROF.	
61	Nair Deepak	ASMH	ASST. PROF.	
62	Chauhan Khushbu	CS-DS	ASST. PROF.	
63	Dandekar Nawal	CS-DS	ASST. PROF.	
64	Patil Ruchika	CS-AIML	ASST. PROF.	
~~65~~	~~Kulkarni Kaustubh~~	CS-AIML	ASST. PROF.	
66	Harshil Kanakia	CSE-MCA	Asst. Prof	
67	Pallavi Thakur	CSE-MCA	Asst Prof	
68	Nirshita Mangaokar	CSE-MCA	Asst Prof	
69	Sonali B. Wankhede	COMP	Asst Prof	
70	Rajendra R Sawant			
71	Pooja Raundale	CSE-MCA	Prof	
72	Aarti karande	CSE MCA	Asst. Prof.	

Sr.	Employee	EmployeeName	Department	Designation	Gender
47	1516101	Mr. Harshil Tarun Kanakia	CS-MCA	ASST. PROF.	Male
48	1512102	Dr. Aarti Milind Karande	CS-MCA	ASST. PROF.	Female
49	1514103	Mrs. Nikhita Omkar Mangaokar	CS-MCA	ASST. PROF.	Female
50	1513104	Dr. Pooja Jeetendra Raundale	CS-MCA	PROFESSOR	Female
51	1518105	Mrs. Sakina Banu S A Salmani	CS-MCA	ASST. PROF.	Female
52	1518106	Mrs. Pallavi Dharmendra Thakur	CS-MCA	ASST. PROF.	Female
53	1618101	Mrs. Anandlakshmi Venkatesh	ASMH	ASST. PROF.	Female
54	1696102	Dr. Rita Amitabh Das	ASMH	ASSO.PROF.	Female
55	1603103	Mr. Chandrashekar R. Gajbhiye	ASMH	ASST. PROF.	Male
56	1609104	Mr. Kaiser Iqbal Katchi	ASMH	ASST. PROF.	Male
57	1609105	Mrs. Meghana Laxman Naik	ASMH	ASST. PROF.	Female
58	1696106	Dr. Dnyanraj Marutirao Patil	ASMH	ASSO.PROF.	Male
59	1608107	Dr. Hemant Babulal Vasaikar	ASMH	ASST. PROF.	Male
60	1702101	DR. Prasenjit B. Bhavthankar	CS-DS	ASSO.PROF.	Male
61	1822201	Mr. Kaustubh Kulkarni	CS-AIML	ASST. PROF.	Female
62	1622201	Dr. Abhijeet Bhogale	ASMH	ASST. PROF.	Male
63	1622202	Dr. Akanksha Desai	ASMH	ASST. PROF.	Female
64	1722201	Ms. Khushbu Chauhan	CS-DS	ASST. PROF.	Female
65	1722202	Ms. Nawal Dandekar	CS-DS	ASST. PROF.	Female
66	1822202	Mrs. Ruchika Patil	CS-AIML	ASST. PROF.	Female
67	1822203	Ms. Sonali Wankhede	CS-AIML	ASST. PROF.	Female
68	1622203	Ms. Prajakta Jadhav	ASMH	ASST. PROF.	Female
69	1622204	Dr. Umangi Mehta	ASMH	ASST. PROF.	Female
70	1622205	Dr. Deepak Nair	ASMH	ASST. PROF.	Male
71	1622206	Mrs. Shaikh Firdous Parveen Mohammed Asif	ASMH	ASST. PROF.	Female
72	1622207	Mrs. Sparsh Vyas	ASMH	ASST. PROF.	Female
73	3212201	Mr. Sikka Vinod Kumar	Office	TPO	Male
74	1619208	Mrs. Mona Upadhyay	ASMH	ASST. PROF.	Female

1.1.1 Curricula developed /adopted have relevance to the local/ national / regional/global developmental needs with learning objectives including Programme outcomes, Programme specific outcomes and course outcomes of all the Programme offered by the Institution (Supporting Data)

Sr. No.	Program name	Name of the Course	Course Code	Name of Activity	Date and Year of Activity	Resource Person /Expert	Page No.
1	MCA	Java	MC506	Expert talk on"Java Spring"	26-04-2023	Mr. Ajinkya Sathe	
2	MCA	Data Structure	MC501	Expert talk on "B tree"	18-04-2023	Mr. Anand Godbole	
3	MCA	Software Engineering	MC506	Expert talk on "Software Engineering"	16-02-2023	Miss. Madhuri Ancheker	
4	MCA	Data Structure	MC501	Expert talk on "Data Structure"	20-04-2022	Mr. Anand Godbole	
5	MCA	Software Testing		Expert talk on "Software Testing"	18-04-2022	Mr. Kunal Nene	
6	MCA	DBMS	MCA502	Expert Talk DBMS	23-07-2021	Mr. Omkar Raykar	
7	MCA	Process Automation	MC508	Expert talk on "Robotic Process Automation"	23-02-2021	Mr. Chitranjan Vadodaria	
8	MCA	Cloud Computing	MC518	Expert talk on "Cloud computing"	24-10-2020	Mr. Mithun Kadam Ms. Reshma Katkar	
9	MCA	Deep learning	MCA54B	Expert talk on "Deep learning"	19-09-2020	Prof. Mamta Sharma	
10	MCA	Software testing	MCA42	Expert talk on "Software testing to Quality engineering"	19-09-2020	Ms. Parinita Patankar	
11	MCA	Networking		Expert talk on "Advanced Networking"	22-05-2020	Ms. Asha Katale	
12	~~MCA~~	~~Data Structures~~	~~MC501~~	~~Expert talk on "Data Structures algorithms and competitive programming"~~	~~22-05-2020~~	~~Ms. Omkar Raykar~~	
13	MCA	Robotic Process Automation	MC508	Expert talk on "Robotic Process Automation and tools"	21-01-2020	Mr. Farooq Shaikh	

14	MCA	Cloud Computing	MC518	Expert talk on "Cloud Computing"	11-12-2019	Prof. Rashmi Deshmukh	
15	MCA	Machine Learning	MCA52	Expert talk on "Machine learning and Deep learning"	04-11-2019	Dr. Pritida Jani	
16	MCA	Java	MC506	Expert talk on "Laravel Framework"	02-11-2019	Mr. Sachin Gadagil	
17	MCA	Information Security	MCA45A	Expert talk on "Advanced Information Security"	23-04-2019	Dr. Preetida Jani	
18	MCA	Operating System	MCA21	Expert talk on "Operating System"	16-04-2019	Prof. Sheetal Chaudhari	
19	MCA	Quality Assurance	MCA42	Expert talk on "Software Quality Management"	15-04-2019	Prof. Rupesh Bhoir	
20	MCA	Machine learning	MCA54B	Expert talk on "Machine learning"	28-02-2019	Mr. Osama Iqbal	
21	MCA	Data Structures	MC501	Expert talk on "Data Structures"	26-02-2019	Prof. Anand Godbole	
22	MCA	Blockchain	MCA45A	Expert talk on "Blockchain - Cryptocurrency"	23-02-2019	Mr. Yash Dahenkar	
23	MCA	Design and Analysis of Algorithm	MCA43	Expert talk on "Design and Analysis of Algorithm"	22-02-2019	Prof. Prasenjit Bhavtankar	
24	MCA	Soft Computing	MCA45B	Expert talk on "Genetic Algorithm"	30-10-2018	Dr. Preetida Jani	
25	MCA	IOT	MC517	Expert talk on "IOT"	08-09-2018	Mr. Deepak	

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Bhartiya Vidya Bhavan's
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Internal Quality Assurance Cell

ACTIVITY REPORT 2022-23

DEPARTMENT/ COMMITTEE NAME: MCA / ACSES Committee

IQAC ACTIVITY No:

NAME OF THE ACTIVITY: Guest Session on JAVA Spring by Mr. Ajinkya Sathe			
DATE	STUDENTS/TEACHER	DEPARTMENT/COMMITTEE	COORDINATOR NAME
26-04-2023	Students	MCA / ACSES COMMITTEE	Dr. Aarti Karande
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE: Outdoor/Indoor
09:00 AM – 11:00 AM	Google Meet	65	Indoor
SUPPORT/ASSISTANCE:			

BRIEF INFORMATION ABOUT THE ACTIVITY **(CRITERION NO:)**

TOPIC/SUBJECT OF THE ACTIVITY	Guest Session on JAVA Spring by Mr. Ajinkya Sathe
OBJECTIVES	
METHODOLOGY	A google meet was created and Mr.Ajinkya Sathe was invited to share his insights on JAVA Spring.
OUTCOMES	

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

1. Notice & Letters	2. List of people who participated	3. Activity report	4. Photos (GEO TAG)	5. Feedback form
6. Feedback analysis	7. News clip with details	8. Certificate	9. Any other	

IQAC CELL:

IQAC CELL ACTIVITY NUMBER:

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)
Dr. Aarti Karande		

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58

IQAC
Co-ordinator
S.P.I.T. Mumbai

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Internal Quality Assurance Cell

REPORT ON

"Guest Session on Java Spring - "Mr. Ajinkya Sathe"

Under
ACSES Committee 2022-23

MCA Department, Sardar Patel Institute of Technology

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

Notices and letters

Invite for Students:

Spring Session

Saturday, March 26· 9:00 – 11:00 am

Google Meet joining info

Video call link: https://meet.google.com/xwz-cbiz-euf

Or dial: (US) +1 260-226-8707 PIN: 279 357 488#

Email Invite for Guest Speaker:

Sardar Patel Institute of Technology Mail - Invitation to serve as guest speaker 25th March 2023

Invitation to serve as guest speaker 25th March 2023

Aarti Karande <aartikarande@spit.ac.in>
To: Ajinkya Sathe <ajinkya.sathe@spit.ac.in>, "ajinkyasathe@gmail.com" <ajinkyasathe@gmail.com>

Thu, Mar 9, 2023 at 10:30 AM

Dear Ajinkya

Thank you for lovely meeting

I request you to pls give a session on Spring and Hibernate on 25th March 2023

Pls share the required configuration required to make the setup ready. Specific to Eclipse

I will share the google meet link for the same well in advance

Regards
Aarti

List of people who participated: 68

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Andheri (W)
Mumbai-58.

Photos

Bharatiya Vidya Bhavan's
SARDAR PATEL INSTITUTE OF TECHNOLOGY
Munshi Nagar, Andheri (W), Mumbai – 400 058.
(Autonomous Institute Affiliated to University of Mumbai)

Guest Lecture by Mr. Ajinkya Sathe on Spring Framework on 26th March 2023.

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Andheri (W)
Mumbai-58.

Bhartiya Vidya Bhavan's
Sardar Patel Institute of Technology
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Internal Quality Assurance Cell

Feedback Form

For Students:
Monday, 29 May 2023, 3:26 PM
Submitted answers: 11
Questions: 5

Label Question Responses
The speaker explained the topic clearly and used relevant examples 5 (High) (0) 3 (Medium) (0) 1 (Low) (0) Average
5 6 0 0
Speaker positively influenced my view towards the topic 5 (High) (0) 3 (Medium) (0) 1 (Low) (0) Average
3 7 1 0
The lecture was interactive and felt engaged 5 (High) (0) 3 (Medium) (0) 1 (Low) (0) Average
6 4 0 0
In future, I would like to attend the lectures from the speaker 5 (High) (0) 3 (Medium) (0) 1 (Low) (0) Average
3 7 1 0
Mention few points you have learnt from the lecture N.A.

Learn about how to use CRUD in Spring.

CRUD Operations in Spring Framework

Learnt the basics about concepts.

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Feedback Analysis Score:

Program Outcomes:

PO1,PO2,PO3,PO4,PO7,PO10,PO11

Activity Report

On 26th March 2023, Mr. Ajinkya Sathe , delivered an informative and engaging guest lecture on the Java Spring Framework. The lecture primarily focused on providing attendees with a comprehensive understanding of the Spring Framework and its various features, with a special emphasis on its capabilities for seamless database connectivity.

The session began with an introduction to the Spring Framework, where Mr. Sathe highlighted its significance in modern Java development . He discussed the core features and benefits of using Spring, such as dependency injection. To delve deeper into the Spring Framework the key module of Spring MVC (Model-View-Controller), was also introduced by the speaker. He depicted the functionality and usage of that module, emphasizing their role in building robust and scalable Java applications. A significant portion of the lecture was dedicated to the topic of database connectivity in Spring. The speaker highlighted the seamless integration between Spring and relational databases, demonstrating how to configure and establish a database connection. He provided a practical example of performing common database operations, such as creating, reading, updating, and deleting data, using Spring's database connectivity features. This comprehensive coverage of database-related aspects equipped participants with the necessary knowledge and skills to handle database connectivity effectively using Spring.

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SMC Report:

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SARDAR PATEL INSTITUTE OF TECHNOLOGY
MUNSHI NAGAR, ANDHERI (W), MUMBAI - 400058
(Autonomous college Affiliated to University of Mumbai)

Social Media Campaign Data
Year 2022-23

Date:26-04-2023

Type: Session

Name of Department/Committee: MCA

SName of Theme: Guest Session on JAVA Spring by Mr. Ajinkya Sathe

Date of Event: 26th March 2023

In-Charge Faculty / Student / Staff Name: Dr. Aarti Karande

Brief Information of Event: On 26th March 2023, Mr. Ajinkya Sathe , delivered an informative and engaging guest lecture on the Java Spring Framework. The lecture primarily focused on providing attendees with a comprehensive understanding of the Spring Framework and its various features, with a special emphasis on its capabilities for seamless database connectivity. The session began with an introduction to the Spring Framework, where Mr. Sathe highlighted its significance in modern Java development . He discussed the core features and benefits of using Spring, such as dependency injection. To delve deeper into the Spring Framework the key module of Spring MVC (Model-View-Controller), was also introduced by the speaker. He depicted the functionality and usage of that module, emphasizing their role in building robust and scalable Java applications. A significant portion of the lecture was dedicated to the topic of database connectivity in Spring. The speaker highlighted the seamless integration between Spring and relational databases, demonstrating how to configure and establish a database connection. He provided a practical example of performing common database operations, such as creating, reading, updating, and deleting data, using Spring's database connectivity features. This comprehensive coverage of database-related aspects equipped participants with the necessary knowledge and skills to handle database connectivity effectively using Spring.

Post Content: Session on Java Spring Framework By our Alumni Mr. Ajinkya Sathe

 # Tags required on the Event =MCASPIT

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Mumbai-58.

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MUNSHI NAGAR, ANDHERI (W), MUMBAI - 400058
(Autonomous college Affiliated to University of Mumbai)

Photo:

Signature of Faculty / Student / Staff Name:

Signature of H.O.D. / Head of Department:

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Mumbai-58.

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(Autonomous college Affiliated to University of Mumbai)

SMC coordinator Signature:

IQAC Head Signature:

Dean Academic / Dean Student Council:

SARDAR PATEL INSTITUTE OF TECHNOLOGY
Andheri (W)
Mumbai-58.

Sr no.	UCID	Name Of Student	Status
1	2022510001	Alam Kausher Inam	P
2	2022510002	Anuse Ruchita Hemant	P
3	2022510004	Chalke Tejas Subhash	P
4	2022510005	Chavan Tanmay Prashant	P
5	2022510006	Chawarekar Amit Anand	P
6	2022510007	Deshpande Ruturaj Ravindra	P
7	2022510008	Devkate Siddheshwar Baburao	P
8	2022510009	Dhande Sharad Anil	P
9	2022510010	Dhotre Pankaj Ashok	P
10	2022510011	Dhumal Viraj Rajendra	P
11	2022510012	Divekar Siddhant Ajoy	P
12	2022510013	Dixit Aryan Nikhil	P
13	2022510014	Dubey Alok Kumar	P
14	2022510015	Gaikwad Sanchit Vivek	P
15	2022510016	Gavhane Rushikesh Annasaheb	P
16	2022510017	Gawade Shruti Arun	P
17	2022510018	Ghorpade Avishkar Ashok	P
18	2022510019	Giri Rushikesh Anandgir	P
19	2022510020	Gondke Tanisha Arun	P
20	2022510021	Gosavi Shubham Parmeshwar	P
21	2022510022	Gumaste Shekhar Mukund	P
22	2022510023	Haque Mohd Zeeshan Atharul	P
23	2022510024	Jadhav Ritu Vikas	P
24	2022510025	Jadhav Gayatri Kaluram	P
25	2022510026	Jain Harsh Jitendra	P
26	2022510027	Joshi Bhushan Chandrakant	P
27	2022510028	Joshi Amey Anil	P
28	2022510029	Joshi Atharva Nitesh	P
29	2022510031	Kachave Kunal Chandrakant	P
30	2022510032	Komerwar Anjali Shrikant	P
31	2022510033	Koyande Yash Devendra	P
32	2022510034	Lingayat Rishikesh Prakash	P
33	2022510035	MainkarMeghanaChandrashekhar	P
34	2022510036	Menon Pranav Narayanan	P
35	2022510037	Mewada Khushi Bharat	P
36	2022510038	Panchbhaiya Sahil Girish	P
37	2022510039	Panda Subhamsekhar Trilochan	P
38	2022510040	Parkar Hrishikesh Vinayak	P
39	2022510041	Patil Yash Krishnakant	P

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Mumbai-58.

40	2022510042	Patil Ritesh Upendra	P
41	2022510043	Patil Arpita Ganesh	P
42	2022510044	Patni Samyak Vinodkumar	P
43	2022510045	Pawar Karan Vijay	P
44	2022510046	Raghuvanshi Shivam	P
45	2022510047	Aditi Ranganathan	P
46	2022510048	Rathod Vikram Ganpat	P
47	2022510049	Rawat Himanshu	P
48	2022510050	Rokade Shreyash Pramodkumar	P
49	2022510051	Sable Arti Bhaurao	P
50	2022510052	Sallagari Arshita Ramesh	P
51	2022510053	Salunke Aditya Rajendra	P
52	2022510054	Salvi Anjali Vilas	P
53	2022510055	Sangle Roshani Vasant	P
54	2022510056	Sharma Kratik rakesh	P
55	2022510057	Shedad Amit Anant	P
56	2022510059	Shetty Chaitanya Devadas	P
57	2022510060	Shevkar Prajakta Somnath	P
58	2022510061	Shinde Sudhir Ramesh	P
59	2022510062	Shirsath Mihir Ram	P
60	2022510063	Shukla Sudhirkumar Komalprasad	P
61	2022510064	Singh Sintu Dhurender	P
62	2022510065	Singh Subham	P
63	2022510066	Srivastava Aditya	P
64	2022510067	Tripathy Siddharth Santosh	P
65	2022510068	Yeole Shrijeet Pramodrao	P

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MUNSHI NAGAR, ANDHERI (W), MUMBAI - 400058

(Autonomous college Affiliated to University of Mumbai)

Social Media Campaign Data

Year 2022-23

Date:26-04-2023

Type: Session

Name of Department/Committee: MCA

SName of Theme: Guest Session on JAVA Spring by Mr. Ajinkya Sathe

Date of Event: 26th March 2023

In-Charge Faculty / Student / Staff Name: Dr. Aarti Karande

Brief Information of Event: On 26th March 2023, Mr. Ajinkya Sathe , delivered an informative and engaging guest lecture on the Java Spring Framework. The lecture primarily focused on providing attendees with a comprehensive understanding of the Spring Framework and its various features, with a special emphasis on its capabilities for seamless database connectivity. The session began with an introduction to the Spring Framework, where Mr. Sathe highlighted its significance in modern Java development . He discussed the core features and benefits of using Spring, such as dependency injection. To delve deeper into the Spring Framework the key module of Spring MVC (Model-View-Controller), was also introduced by the speaker. He depicted the functionality and usage of that module, emphasizing their role in building robust and scalable Java applications. A significant portion of the lecture was dedicated to the topic of database connectivity in Spring. The speaker highlighted the seamless integration between Spring and relational databases, demonstrating how to configure and establish a database connection. He provided a practical example of performing common database operations, such as creating, reading, updating, and deleting data, usiag Spring's database connectivity features. This comprehensive coverage of database-related aspects equipped participants with the necessary knowledge and skills to handle database connectivity effectively using Spring.

Post Content: Session on Java Spring Framework By our Alumni Mr. Ajinkya Sathe

 # Tags required on the Event: #MCASPIT

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BHARATIYA VIDYA BHAVAN'S

SARDAR PATEL INSTITUTE OF TECHNOLOGY

MUNSHI NAGAR, ANDHERI (W), MUMBAI - 400058

(Autonomous college Affiliated to University of Mumbai)

Photo:

Signature of Faculty / Student / Staff Name:

Signature of H.O.D. / Head of Department:

SMC coordinator Signature:

IQAC Head Signature:

Dean Academic / Dean Student Council:

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Internal Quality Assurance Cell

ACTIVITY REPORT 2022-23

DEPARTMENT/ COMMITTEE NAME: MCA / ACSES Committee

IQAC ACTIVITY No:

NAME OF THE ACTIVITY: Guest Lecture on B tree by Mr.			
DATE	STUDENTS/TEACHER	DEPARTMENT/COMMITTEE	COORDINATOR NAME
18-04-2023	Students	MCA / ACSES COMMITTEE	Prof. Harshil Kanakia
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE: Outdoor/Indoor
10:00 AM – 11:00 AM	Google Meet	57	Indoor
SUPPORT/ASSISTANCE:			

BRIEF INFORMATION ABOUT THE ACTIVITY (CRITERION NO:)

TOPIC/SUBJECT OF THE ACTIVITY	Guest Lecture on B tree by Mr. Anand Godbole
OBJECTIVES	To Learn about B-trees ,it's operations and Applications
METHODOLOGY	A google meet was created and Mr.Anand Godbole was invited to share his insights about B-Tree.
OUTCOMES	To learn Properties of B-trees and it's applications.

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

1. Notice & Letters	2. List of people who participated	3. Activity report	4. Photos (GEO TAG)	5. Feedback form
6. Feedback analysis	7. News clip with details	8. Certificate	9. Any other	

IQAC CELL:

IQAC CELL ACTIVITY NUMBER:

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)
Prof. Harshil Kanakia		

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

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REPORT ON

"Guest Lecture on B tree
- "Mr. Anand Godbole"

Under
ACSES Committee 2022-23

MCA Department, Sardar Patel Institute of Technology

SARDAR PATEL INSTITUTE OF TECHNOLOGY
Andheri (W)
Mumbai-58.

Notices and letters

Invite for Students:

https://meet.google.com/mra-wrmw-nmc

List of people who participated

Total 57 students attended the guest lecture.

Photos

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SARDAR PATEL INSTITUTE OF TECHNOLOGY
Andheri (W)
Mumbai-58.

Feedback Form

For Students:

1. How would your rate the quality of content and knowledge of instructor?
2. How would your rate your OVERALL experience?
3. What did you like the most about the Lecture?
4. What you disliked about the Lecture?

Feedback Analysis Score:

How would your rate your OVERALL experience?
42 responses

Program Outcomes:

PO1:

PO2:

PO4:

PO9:

PO11:

Activity Report

- The event started with a welcome address by Prof. Harshil Kanakia, who introduced Prof.Anand Godbole,Associate Professor in Computer Engineering Department at SPIT .
- The lecture aimed to introduce the concept of balanced trees, discuss their importance in data structures, and explore various types of balanced trees.
- Key Points Covered:

  1.Introduction to Balanced Trees:
    - Definition and purpose of balanced trees.
    - Importance of balanced trees in efficient data storage and retrieval.
    - Comparison between balanced trees and unbalanced trees.
    - It's properties and application.

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2.Algorithms regarding Balanced Trees

- Search Algorithm and Complexity Search
- Create and Inserting B tree Algorithm

3.Balancing Operations:

- Rotations: Demonstrated how rotations help maintain balance in trees.
- Insertion and Deletion: Explained how the balancing operations are performed during insertion and deletion of nodes in balanced trees.

4.Performance Analysis:

- Time complexity analysis of balanced trees for common operations (insertion, deletion, search).
- Comparisons with unbalanced trees and other data structures.

5.Real-World Applications:

- Highlighted real-world applications where balanced trees are commonly used, such as databases, file systems, and magnetic disk storage systems.

- The guest lecture on balanced trees successfully provided attendees with a comprehensive understanding of this important data structure. It effectively conveyed the significance of balanced trees in optimizing data storage and retrieval operations. The lecture stimulated interest and discussion among participants, encouraging further exploration of the topic. Overall, the event was a valuable learning experience for everyone involved.

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SMC Report:

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MUNSHI NAGAR, ANDHERI (W) MUMBAI - 400058
(Autonomous college Affiliated to University of Mumbai)

Social Media Campaign Data
Year 2022-23

Date 18-02-2023

Type: Session

Name of Department/Committee: MCA

Name of Theme: Guest Lecture on B tree by Mr. Anand Godbole

Date of Event: 18th February 2023

In-Charge Faculty / Student / Staff Name: Prof. Harshil Karakia

Brief Information of Event:
An online guest lecture on balanced trees was conducted by Mr. Anand Godbole on February 18th. The lecture provided a comprehensive introduction to balanced trees, covering their importance in data structures, the operations involved, complexity analysis, and real-world applications.

The lecture began by highlighting the significance of balanced trees in efficient data storage and retrieval. Mr. Anand Godbole explained how balanced trees maintain balance by automatically adjusting their structure as nodes are inserted or deleted.

The lecture also touched upon their applications in databases due to their ability to handle large amounts of data and provide efficient operations for search, insertion, and deletion.

In addition to understanding the concepts and types of balanced trees, participants were introduced to the operations involved in maintaining balance. Mr. Anand Godbole explained the intricacies of insertion and deletion operations, emphasizing how balancing operations, such as rotations, ensure the tree remains balanced. Attendees gained practical knowledge on applying these operations to construct and maintain balanced trees effectively.

The lecture also included a comprehensive complexity analysis of balanced trees. Participants learned about the time complexity of common operations, such as insertion, deletion, and search, in balanced trees. Mr. Anand Godbole provided comparisons between balanced trees and unbalanced trees, highlighting the advantages of balanced trees in terms of improved performance and efficiency.

To showcase the practical relevance of balanced trees, real-world applications were explored. Participants discovered how balanced trees find applications in diverse domains, including databases, file systems, and magnetic disk storage systems. The lecture illustrated how balanced trees enable efficient data storage, retrieval, and manipulation in these contexts.

Being conducted online, the lecture offered participants the opportunity to engage with Mr.

SARDAR PATEL INSTITUTE OF TECHNOLOGY
Andheri (W)
Mumbai-58

BHARATIYA VIDYA BHAVAN'S
SARDAR PATEL INSTITUTE OF TECHNOLOGY
MUNSHI NAGAR, ANDHERI (W) MUMBAI - 400058
(Autonomous college Affiliated to University of Mumbai)

Anand Godbole through virtual Q&A sessions. This allowed attendees to seek clarifications, delve deeper into specific topics, and benefit from interactive discussions.

Overall, the online guest lecture by Mr. Anand Godbole on balanced trees provided a comprehensive understanding of this essential data structure. Participants gained insights into the concept, operations, complexity analysis, and real-world applications of balanced trees. The interactive nature of the lecture, combined with practical examples, enhanced the learning experience and equipped participants with knowledge applicable to their own projects and problem-solving endeavors.

Post Content:

 # Tags required on the Event:

Photo:

Signature of Faculty / Student / Staff Name:

Signature of H.O.D. / Head of Department:

SMC coordinator Signature:

IQAC Head Signature:

SARDAR PATEL INSTITUTE OF TECHNOLOGY
Andheri (W)
Mumbai-58.

Sr no.	UCID	Name Of Student	Status
1	2022510001	Alam Kausher Imam	P
2	2022510003	Anuse Ruchita Hemant	P
3	2022510004	Chalke Tejas Subhash	P
4	2022510005	Chavan Tanmay Prashant	P
5	2022510006	Chawarekar Amit Anand	P
6	2022510007	Deshpande Ruturaj Ravindra	P
7	2022510008	Devkate Siddheshwar Baburao	P
8	2022510009	Dhande Sharad Anil	P
9	2022510010	Dhotre Pankaj Ashok	P
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43	2022510053	Salunke Aditya Rajendra	P
44	2022510054	Salvi Anjali Vilas	P
45	2022510055	Sangle Roshani Vasant	P

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Andheri (W)
Mumbai-58

46	2022510056	Sharma Kratik rakesh	P
47	2022510057	Shedad Amit Anant	P
48	2022510059	Shetty Chaitanya Devadas	P
49	2022510060	Shevkar Prajakta Somnath	P
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56	2022510067	Tripathy Siddharth Santosh	P
57	2022510068	Yeole Shrijeet Pramodrao	P

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Mumbai-58.

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SARDAR PATEL INSTITUTE OF TECHNOLOGY

MUNSHI NAGAR, ANDHERI (W), MUMBAI - 400058

(Autonomous college Affiliated to University of Mumbai)

Social Media Campaign Data

Year 2022-23

Date:18-02-2023

Type: Session

Name of Department/Committee: MCA

Name of Theme: Guest Lecture on B tree by Mr. Anand Godbole

Date of Event: 18th February 2023

In-Charge Faculty / Student / Staff Name: Prof. Harshil Kanakia

Brief Information of Event:

An online guest lecture on balanced trees was conducted by Mr. Anand Godbole on February 18th. The lecture provided a comprehensive introduction to balanced trees, covering their importance in data structures, the operations involved, complexity analysis, and real-world applications.

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Anand Godbole through virtual Q&A sessions. This allowed attendees to seek clarifications, delve deeper into specific topics, and benefit from interactive discussions.

Overall, the online guest lecture by Mr. Anand Godbole on balanced trees provided a comprehensive understanding of this essential data structure. Participants gained insights into the concept, operations, complexity analysis, and real-world applications of balanced trees. The interactive nature of the lecture, combined with practical examples, enhanced the learning experience and equipped participants with knowledge applicable to their own projects and problem-solving endeavors.

Post Content:

 # Tags required on the Event:

Photo:

Signature of Faculty / Student / Staff Name:

Signature of H.O.D. / Head of Department:

SMC coordinator Signature:

IQAC Head Signature:

Dean Academic / Dean Student Council:

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

Bhartiya Vidya Bhavan's
Sardar Patel Institute of Technology
(Autonomous Institute Affiliated to University of Mumbai)
Internal Quality Assurance Cell

ACTIVITY REPORT 2022-23

DEPARTMENT/ COMMITTEE NAME: MCA / ACSES Committee

IQAC ACTIVITY No:

NAME OF THE ACTIVITY: Guest Lecture on Software Engineering by Miss. Madhuri Anchekar			
DATE	STUDENTS/TEACHER	DEPARTMENT/COMMITTEE	COORDINATOR NAME
16-02-2023	Students	MCA / ACSES COMMITTEE	Prof. Nikhita Mangaonkar
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE: Outdoor/Indoor
07:00 PM – 08:30 PM	Google Meet	65	Indoor
SUPPORT/ASSISTANCE:	ACSES Committee		

BRIEF INFORMATION ABOUT THE ACTIVITY **(CRITERION NO:)**

TOPIC/SUBJECT OF THE ACTIVITY	Guest Lecture on Software Engineering by Miss. Madhuri Anchekar
OBJECTIVES	To learn about Umbrella activity in real time Industry
METHODOLOGY	A google meet was created and Miss. Madhuri Anchekar was invited to share his insights about Risk Analysis.
OUTCOMES	Able to apply Risk Management

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

1. Notice & Letters	2. List of people who participated	3. Activity report	4. Photos (GEO TAG)	5. Feedback form
6. Feedback analysis	7. News clip with details	8. Certificate	9. Any other	

IQAC CELL:

IQAC CELL ACTIVITY NUMBER:

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)
Prof. Nikhita Mangaonkar		

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

IQAC
Co-ordinator
S.P.I.T. Mumbai

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(Autonomous Institute Affiliated to University of Mumbai)
Internal Quality Assurance Cell

REPORT ON

"Guest Lecture on Software Engineering - "Miss. Madhuri Anchekar"

Under
ACSES Committee 2022-23

MCA Department, Sardar Patel Institute of Technology

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58

List of people who participated

There were a total of 65 participants who participated in the lecture.

Feedback Analysis

How would your rate the quality of content and knowledge of instructor?

Copy

21 responses

How would your rate your OVERALL experience?

Copy

21 responses

SARDAR PATEL INSTITUTE OF TECHNOLOGY
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Mumbai-58.

Notices and letters

Invite for Students:

Meet Link details for Guest Lecture SE AY 2223 FYMCA SEM I

Nikhita Mangaonkar

Dear Agda,

Kindly find the details for Thursday session
Lecture
Thursday, February 16 - 7:00 - 8:00pm
Google Meet joining info
Video call link: https://meet.google.com/ttr-nxfb-ssk
Or dial: (US) +1 405-337-8378 PIN: 281 763 341#

Regards,
Nikhita Mangaonkar,
Assistant Professor,
MCA Department,
SPIT

Email Invite for Guest Speaker:

Fwd: Invite for Guest Lecture SE FYMCA AY2223 SEM I

Nikhita Mangaonkar

---------- Forwarded message ---------
From: Nikhita Mangaonkar
Date: Tue, Feb 14, 2023 at 2:55 PM
Subject: Invite for Guest Lecture SE FYMCA AY2223 SEM I
To: Madhavi Kanhekar

Dear Madam,

We would like to invite you for Guest Lecture for Software Engineering FYMCA AY2223 SEM I

Kindly find the details for Thursday session
Lecture
Thursday, February 16 - 7:00 - 8:00pm
Google Meet joining info
Video call link: https://meet.google.com/ttr-nxfb-ssk
Or dial: (US) +1 405-337-8378 Pin: 281 763 341#

Regards,
Nikhita Mangaonkar,
Assistant Professor,
MCA Department,
SPIT

SARDAR PATEL INSTITUTE OF TECHNOLOGY
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Mumbai-58.

What did you like the most about the Lecture?

21 responses

Interaction and suggestions regarding company lifestyle

Instructors Industrial knowledge

Good knowledge in the field

Good explanation

The way the topic was explained with examples

Nicely explained

Informative

Thorough Explanation

Explanation method was good

What you disliked about the Lecture?

21 responses

NA

Nothing

Nothing

Insufficient time

All good

Voice was breaking in between

Audio quality was weak

No

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Photos

Assessing Risk Impact

- The overall risk exposure formula is RE = P x C
  - P = the probability of occurrence for a risk
  - C = the cost to the project should the risk actually occur
- Example
  - P = 80% probability that 18 to 60 software components will have to be developed
  - C = Total cost of developing 18 components is $25,000
  - RE = 0.8 x $25,000 = $20,000

Program Outcomes:

PO1, PO2 ,PO3 ,PO5, PO8, PO9

PSO1,PSO2

Activity Report

The guest lecture took place on 16th February 2023, via online mode. The speaker for the event was Miss. Madhuri Anchekar , a renowned expert in the field of Software Engineering. The lecture focused on the topic of Risk Analysis, providing valuable insights and knowledge to all the students. Miss. Madhuri Anchekar delivered a compelling lecture on Software Engineering. The speaker began by providing an overview of the subject, highlighting key concepts and trends. Throughout the session, Miss. Madhuri Anchekar shared real-life examples, case studies, and engaging visuals to support the content.Miss. Madhuri Anchekar skillfully facilitated the Q&A session, providing thoughtful and comprehensive responses to the queries raised by the students.

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Photos

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SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

SMC Report:

BHARATIYA VIDYA BHAVAN'S
SARDAR PATEL INSTITUTE OF TECHNOLOGY
(Autonomous college Affiliated to University of Mumbai)

Social Media Campion Data
Year 2022-23

Date 16-02-2023

Type: Session

Name of Department/Committee: MCA

Name of Theme: Guest Lecture on Software Engineering by Miss. Madhuri Anchalia

Date of Event: 16th February 2023

In-Charge Faculty / Student / Staff Name: Prof. Nikhita Mangaonkar

Brief Information of Event:

Post Content:

 # Tags required on the Event: #MCA #SPIT

Photo:

Assessing Risk Impact

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Signature of Faculty / Student / Staff Name:

Signature of H.O.D. / Head of Department:

SARDAR PATEL INSTITUTE OF TECHNOLOGY
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Mumbai-58.

BHARATIYA VIDYA BHAVAN'S
SARDAR PATEL INSTITUTE OF TECHNOLOGY
MUNSHI NAGAR, ANDHERI (W), MUMBAI - 400058
(Autonomous college Affiliated to University of Mumbai)

SMC coordinator Signature:

IQAC Head Signature:

Dean Academic / Dean Student Council:

SARDAR PATEL INSTITUTE OF TECHNOLOGY
Andheri (W)
Mumbai-58.

Sr no.	UCID	Name Of Student	Status
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33	2022510035	MainkarMeghanaChandrashekha	P
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35	2022510037	Mewada Khushi Bharat	P
36	2022510038	Panchbhaiya Sahil Girish	P
37	2022510039	Panda Subhamsekhar Trilochan	P
38	2022510040	Parkar Hrishikesh Vinayak	P
39	2022510041	Patil Yash Krishnakant	P

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40	2022510042	Patil Ritesh Upendra	P
41	2022510043	Patil Arpita Ganesh	P
42	2022510044	Patni Samyak Vinodkumar	P
43	2022510045	Pawar Karan Vijay	P
44	2022510046	Raghuvanshi Shivam	P
45	2022510047	Aditi Ranganathan	P
46	2022510048	Rathod Vikram Ganpat	P
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Social Media Campion Data

Year 2022-23

Date:16-02-2023

Type: Session

Name of Department/Committee: MCA

Name of Theme: Guest Lecture on Software Engineering by Miss. Madhuri Anchekar

Date of Event: 16th February 2023

In-Charge Faculty / Student / Staff Name: Prof. Nikhita Mangaonkar

Brief Information of Event:

The guest lecture took place on 16th February 2023, via online mode. The speaker for the event was Miss. Madhuri Anchekar , a renowned expert in the field of Software Engineering. The lecture focused on the topic of Risk Analysis, providing valuable insights and knowledge to all the students. Miss. Madhuri Anchekar delivered a compelling lecture on Software Engineering. The speaker began by providing an overview of the subject, highlighting key concepts and trends. Throughout the session, Miss. Madhuri Anchekar shared real-life examples, case studies, and engaging visuals to support the content.Miss. Madhuri Anchekar skillfully facilitated the Q&A session, providing thoughtful and comprehensive responses to the queries raised by the students.

Post Content:

 # Tags required on the Event: #MCA #SPIT

Photo:

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

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ACTIVIFY REPORT 2021-22

DEPARTMENT/ COMMITTEE NAME: MCA / ACE Committee

IQAC ACTIVIFY No:

NAME OF THE ACTIVIFY: A Session on Graph Data Structure by Mr. Anand Godbole			
DATE	STUDENTS/ TEACHER	DEPARTMENT/COMMITTEE	COORDINATOR NAME
20-04-2022	Students	MCA / ACE COMMITTEE	Prof. Harshil Kanakia
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE: Outdoor/Indoor
10:00 AM – 11:00 AM	Google Meet	62	Indoor
SUPPORT/ ASSISTANCE:			

BRIEF INFORMATION ABOUT THE ACTIVIFY (CRITERION NO:)

TOPIC/SUBJECT OF THE ACTIVIFY	A Session on Graph Data Structure by Mr. Anand Godbole
OBJECTIVES	To learn about Graph Data Structure from Mr. Anand Godbole
METHODOLOGY	A google meet was created and Mr. Anand Godbole was invited to share their teachings on the graph data structure.
OUTCOMES	Understanding the graph data structure.

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

1. Notice & Letters	2. List of people who participated	3. Activity report	4. Photos (GEO TAG)	5. Feedback form
6. Feedback analysis	7. News clip with details	8. Certificate	9. Any other	

IQAC CELL:

IQAC CELL ACTIVIFY NUMBER:

NAME OF TEACHER &	NAME OF HEAD/	IQAC COORDINATOR

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

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Sardar Patel Institute of Technology

(Autonomous Institute Affiliated to University of Mumbai)

Internal Quality Assurance Cell

SIGNATURE	COMMITTEE INCHARGE & SIGNATURE	(SEAL & SIGNATURE)

IQAC
Co-ordinator
S.P.I.T. Mumbai

S.P.I.T. M.C.A. ACE COMMITTEE

REPORT ON

"A Session on Graph Data Structure by Mr. Anand Godbole"

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

Under
ACE Committee 2021-22

MCA Department, Sardar Patel Institute of Technology

Bhartiya Vidya Bhavan's

Sardar Patel Institute of Technology

(Autonomous Institute Affiliated to University of Mumbai)

Internal Quality Assurance Cell

Notices and letters

Invite for Students:

E-mail Invite for Guest Speaker:

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Andheri (W)
Mumbai-58.

Bhartiya Vidya Bhavan's

Sardar Patel Institute of Technology

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Internal Quality Assurance Cell

ACE

Dear Board Members

Subject: Invitation for conducting a Session on Graph Traversal Techniques (Data Structure)

Sardar Patel Institute of Technology ACE Committee MCA Department 20th April 2022 Session on Graph Traversal Techniques (Data Structure)

HOD, MCA
Dr. Rama Ramesh

List of people who participated

TOTAL COUNT = 62

Index	
Faculty	F
Guest Speaker	G
Second Year Student	SY
Third Year Student	TY
Outsiders	O

Prof. Harshil Kanakia	F
Count	1

Mr. Anand Godbole	G

ATHARVA PATIL	FY
Akash Dubey	FY
Akshay Pawar	FY
Akshay pawar	FY
Amit Rathod	FY
Anish Redkar	FY
Ankita Selokar	FY
CHETAN DHANDGE	FY
Chinmay Bhagwat	FY
Devika Patil	FY
Dhawal Patil	FY
Dipesh Ghag	FY
Ganesh Chaudhari	FY
Hareesh Gayakhe	FY
Hema Manoj	FY
Jagannath Patta	FY
Jalaj Porwal	FY
Jasmit Gharat	FY
Jay Oswal	FY
Kshitij Koyande	FY

Saieal Sawant	FY
Sakshi Naik	FY
Sakshi Parkar	FY
Sandesh Shivane	FY
Sanket Nitnaware	FY
Sanket Raut	FY
Shantanu Kamte	FY
Shashank Agrawal	FY
Siddhant Pande	FY
Suman Mudliyar	FY
Tejas Kamble	FY
Tirsha Das	FY
Titas De	FY
Tushar Ghadge	FY
Utkarsh Doras	FY
Vaibhav Kamble	FY
Vaibhav Tyagi	FY
Vishal Padme	FY
Vyankatesh Wable	FY
anjali Saharkar	FY

Sardar Patel Institute of Technology, Andheri (W) Mumbai-58.

Bhartiya Vidya Bhavan's

Sardar Patel Institute of Technology

(Autonomous Institute Affiliated to University of Mumbai)

Internal Quality Assurance Cell

Count	1

MAHESH KHILARI	FY
Mahima Agrahari	FY
Mayur Dhevale	FY
Mukesh Ananth	FY
Neha Sabrin TK	FY
Nikhil Maurya	FY
Omkar Ingle	FY
Parnika Tewari	FY
Payal Save	FY
Prashant Gowda	FY
Prashant Singh	FY
Pratik Parale	FY
Rashi Khandelwal	FY
Rohit Mahadik	FY
Rutwik Borkar	FY
S.P.I.T. ACE	FY
Saieal Sawant	FY

devvrat suktel	FY
kevin rego	FY
Count	62

Photos

Feedback Form

For Students:

For Speaker:

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58

Bhartiya Vidya Bhavan's

Sardar Patel Institute of Technology

(Autonomous Institute Affiliated to University of Mumbai)

Internal Quality Assurance Cell

Form Session on Data Structure Graph By : Mr. Anand Godbole

Form Session on Data Structure Graph By : Mr. Anand Godbole

Feedback Analysis Score: 88.68%

Program Outcomes:

PO1: Computational Knowledge: Apply knowledge of computing fundamentals, computing specialization, mathematics, and domain knowledge appropriate for problem solving technique to formulate solution for Information System.

PO2: Problem Analysis: Conceptualize knowledge and background to be able to analyse a problem and identify

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58

Activity Report

The Ace Committee 2021-22 of MCA department organized a guest lecture on Apr 20th, 2022, at 10:00 AM. The event was held in the presence Prof. Harshal Kanakia of the MCA department, and students from FY. Everyone gathered on Google Meet for the event.

Bhartiya Vidya Bhavan's

Sardar Patel Institute of Technology

(Autonomous Institute Affiliated to University of Mumbai)

Internal Quality Assurance Cell

The event started with a welcoming note and introduction of the speaker delivered by Prof. Harshil Kanakia. The speaker, Mr. Anand Godbole explained the definition, purpose, and types of graphs. The speaker briefed about the Graph terminologies and showed the representation of the Graph. The speaker thoroughly explained the traversal algorithms of the Graph and its applications. After a Q & A session, the event was concluded with an extension of gratitude towards the speaker by Prof. Harshil Kanakia.

Letter of Appreciation:

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

BHARATIYA VIDYA BHAVAN'S
SARDAR PATEL INSTITUTE OF TECHNOLOGY
MUNSHI NAGAR, ANDHERI (WEST), MUMBAI – 400 058
(Autonomous College Affiliated to University of Mumbai)

Social Media Champion Data

Year 2021-22

Date: 20-04-2022

Type: Event

Name of the Department / Committee: MCA / ACE Committee

Name of Theme: A Session on Graph Data Structure by Mr. Anand Godbole

Date of Event: 20th April 2022

In-charge Faculty / Student / Staff Name: Prof. Harshil Kanakia

Brief Information about the event:

The event started with a welcoming note and introduction of the speaker delivered by Prof. Harshil Kanakia. The speaker, Mr. Anand Godbole explained the definition, purpose, and types of graphs. The speaker briefed about the Graph terminologies and showed the representation of the Graph. The speaker thoroughly explained the traversal algorithms of the Graph and its applications. After a Q & A session, the event was concluded with an extension of gratitude towards the speaker by Prof. Harshil Kanakia.

Post Content:

ACE Committee of MCA Department organized A session on Graph Data Structure on 20th of April 2022 which was conducted by Mr. Anand Godbole.

 # Tags required on the Event:

#graph #datastructure #graphalgorithm #mca #spitace

Photo:

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

BHARATIYA VIDYA BHAVAN'S

SARDAR PATEL INSTITUTE OF TECHNOLOGY

MUNSHI NAGAR, ANDHERI (WEST), MUMBAI – 400 058.

(Autonomous College Affiliated to University of Mumbai)

Signature of Faculty /Student/ Staff Name:

Signature of H.O.D. / Head of Committee:

SMC coordinator Sign:

IQAC Head Sign:

Dean academic / Dean student council

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

Bharatiya Vidya Bhavans Sardar Patel Institute of Technology

Autonomous Institute Affiliated to Mumbai University

Organized By

ACE Committee 2021-22

ACE Committee of the MCA Department organized a Guest Session on **Data Structures** on 20th April 2022 by **Mr. Anand Godbole**

SARDAR PATEL INSTITUTE OF TECHNOLOGY
Andheri (W)
Mumbai-58.

Bharatiya Vidya Bhavans Sardar Patel Institute of Technology

Autonomous Institute Affiliated to Mumbai University

Organized By

ACE Committee 2021-22

ACE Committee of the MCA Department organized a Guest Session on **Data Structures** on 20th April 2022 by **Mr. Anand Godbole**

SARDAR PATEL INSTITUTE OF TECHNOLOGY
Andheri (W)
Mumbai-58.

Bhartiya Vidya Bhavan's

Sardar Patel Institute of Technology

(Autonomous Institute Affiliated to University of Mumbai)

Internal Quality Assurance Cell

ACTIVIFY REPORT 2021-22

DEPARTMENT/ COMMITTEE NAME: MCA / ACE Committee

IQAC ACTIVIFY No:

NAME OF THE ACTIVIFY: A Session on Software Testing by Mr. Kunal Nene			
DATE	STUDENTS/ TEACHER	DEPARTMENT/COMMITTEE	COORDINATOR NAME
18-04-2022	Students	MCA / ACE COMMITTEE	Prof. Nikhita Managaonkar
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE: Outdoor/Indoor
12:15 PM – 01:15 PM	Hall No. 401	50	Indoor
SUPPORT/ ASSISTANCE:			

BRIEF INFORMATION ABOUT THE ACTIVIFY (**CRITERION NO:)**

TOPIC/SUBJECT OF THE ACTIVIFY	A Session on Software Testing by Mr. Kunal Nene
OBJECTIVES	To learn about Software Testing domain from Mr. Kunal Nene
METHODOLOGY	The event was held offline. Mr. Kunal Nene was invited to share their expertise on software testing
OUTCOMES	Understanding Software Testing domain.

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

1. Notice & Letters	2. List of people who participated	3. Activity report	4. Photos (GEO TAG)	5. Feedback form
6. Feedback analysis	7. News clip with details	8. Certificate	9. Any other	

IQAC CELL

IQAC CELL ACTIVIFY NUMBER:

NAME OF TEACHER &	NAME OF HEAD/	IQAC COORDINATOR

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

Bhartiya Vidya Bhavan's

Sardar Patel Institute of Technology

(Autonomous Institute Affiliated to University of Mumbai)

Internal Quality Assurance Cell

SIGNATURE	COMMITTEE INCHARGE & SIGNATURE	(SEAL & SIGNATURE)

IQAC
Coordinator
S.P.I.T. Mumbai

S.P.I.T. M.C.A. ACE COMMITTEE

REPORT ON

"A Session on Software Testing by Mr. Kunal Nene"

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

Under
ACE Committee 2021-22

MCA Department, Sardar Patel Institute of Technology

Bhartiya Vidya Bhavan's

Sardar Patel Institute of Technology

(Autonomous Institute Affiliated to University of Mumbai)

Internal Quality Assurance Cell

Notices and letters

Invite for Students:

ACE COMMITEE (21-22)

PRESENTS

SESSION ON SOFTWARE TESTING

Speaker

MR. KUNAL NENE

Software Development Engineer in Testing

Department : M.C.A.
Venue: Room No. 401
Date : 18th April, 2022
Time : 12.15 pm

E-mail Invite for Guest Speaker:

SARDAR PATEL INSTITUTE OF TECHNOLOGY
Andheri (W)
Mumbai-58.

Bhartiya Vidya Bhavan's

Sardar Patel Institute of Technology

(Autonomous Institute Affiliated to University of Mumbai)

Internal Quality Assurance Cell

ACE

Mr. Kunal Nene

Software Development Engineer in Training

Subject: Invitation for conducting a Session on Software Testing

Dear Sir

... Sardar Patel Institute of Technology ... ACE Committee ... MCA Department ... 18th June 2022 ... Session on Software Testing"

Regards,

Faculty In Charge
Prof. Sarika Bhabani

H.O.D. (MCA)
Dr. Pooja Raundale

List of people who participated

TOTAL COUNT = 50

Index	
Faculty	F
Guest Speaker	G
Second Year Student	SY
Third Year Student	TY
Outsiders	O

Prof. Nikhita Managaonkar	F
Count	1

Mr. Kunal Nene	G

Abhishek Gupta	FY
Akash Dubey	FY
Aniruddha Deshmukh	FY
Anushka Chavan	FY
Anushka Salvi	FY
Ashwin Koli	FY
Bhavesh Naik	FY
Bhumesh Bodalia	FY
Debaroti Biswas	FY
Dhawal Patil	FY
Divya Sundaram	FY
Geeta Bhat	FY
Jagannath Patta	FY
Jaikishan Bagul	FY
Kalpesh Khandelwal	FY
Keval Kumar Limbani	FY
Krishna Chhabria	FY
Lovin D'cruz	FY
Mahek Sadhwani	FY
Mahesh Kutty	FY
Mayur Honmane	FY

Samidha Salian	FY
Sanket Kshirsagar	FY
Saurabh Kolapate	FY
Shivam Balki	FY
Shubham Gupta	FY
Siddhi Gavande	FY
Siddhi Patil	FY
Sneha Hariyan	FY
Srushti Panchbhai	FY
Swapnil Gaonkar	FY
Swapnil Mahapankar	FY
Tahir Gani	FY
Tanay Srivastava	FY
Tanuj Rajput	FY
Tejal Jadhav	FY
Udit Kulkarni	FY
Vaibhav Tyagi	FY
Count	50

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

Bhartiya Vidya Bhavan's

Sardar Patel Institute of Technology

(Autonomous Institute Affiliated to University of Mumbai)

Internal Quality Assurance Cell

Count	1

Mayur Misal	FY
Mohit Bellwani	FY
Nikhil Phadke	FY
Omkar More	FY
Onkar Tatkare	FY
Pallavi Bolar	FY
Prajwal Warkhade	FY
Pranali Ghag	FY
Prashant Gujar	FY
Pratik Vakurdekar	FY
Rahul Kumawat	FY
Rahul Mangalarapu	FY
Rashika Suvarna	FY
Rutwik Borkar	FY
Sachin Kolhe	FY
Samee Shaikh	FY

Photos

Feedback Form

For Students:

For Speaker:

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

Bhartiya Vidya Bhavan's

Sardar Patel Institute of Technology

(Autonomous Institute Affiliated to University of Mumbai)

Internal Quality Assurance Cell

Feedback Analysis Score: 90.14%

Program Outcomes:

PO1: Computational Knowledge: Apply knowledge of computing fundamentals, computing specialization, mathematics, and domain knowledge appropriate for problem solving technique to formulate solution for Information System.

PO2: Problem Analysis: Conceptualize knowledge and background to be able to analyse a problem and identify

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

Activity Report

The Ace Committee 2021-22 of MCA department organized a guest lecture on Apr 18th, 2022, at 12:15 PM. The event was held in the presence Prof. Nikhita Managaonkar of the MCA department, and students from FY. Everyone gathered in hall 401 for the event.

Bhartiya Vidya Bhavan's

Sardar Patel Institute of Technology

(Autonomous Institute Affiliated to University of Mumbai)

Internal Quality Assurance Cell

Form Session on Software Testing By Mr. Kunal Nene

Form Session on Software Testing By Mr. Kunal Nene

Feedback Analysis Score: 90.14%

Program Outcomes:

PO1. Computational Knowledge: Apply knowledge of computing fundamentals, computing specialization, mathematics, and domain knowledge appropriate for problem solving technique to formulate solution for Information System.

PO2: Problem Analysis: Conceptualize knowledge and background to be able to analyse a problem and identify

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58

Activity Report

The Ace Committee 2021-22 of MCA department organized a guest lecture on Apr 18th, 2022, at 12.15 PM. The event was held in the presence Prof. Nikhita Managaonkar of the MCA department, and students from FY. Everyone gathered in hall 401 for the event.

BHARATIYA VIDYA BHAVAN'S
SARDAR PATEL INSTITUTE OF TECHNOLOGY
MUNSHI NAGAR, ANDHERI (WEST), MUMBAI – 400 058.
(Autonomous College Affiliated to University of Mumbai)

Social Media Champion Data

Year 2021-22

Date: 18-04-2022

Type: Event

Name of the Department / Committee: MCA / ACE Committee

Name of Theme: A Session on Software Testing by Mr. Kunal Nene

Date of Event: 18th April 2022

In-charge Faculty / Student / Staff Name: Prof. Nikhita Managaonkar

Brief Information about the event:

The event started with a welcoming note delivered by Mr. Aniruddha Deshmukh and. The speaker, Mr. Kunal Nene, started with addressing the need for Software Testing in today's world. Later, the speaker explained some of the fundamental concepts pertaining to the topic and shared their experience about the same with the students. The speaker explained various job titles related to the domain. After a question answer session, the event was concluded by Aniruddha Deshmukh's extension of gratitude towards the speaker.

Post Content:

ACE Committee of MCA Department organized A session on Software Testing on 18th April 2022 which was conducted by Mr. Kunal Nene

 # Tags required on the Event:

#SoftwareTesting #Testing #mca #spitace

Photo:

SARDAR PATEL INSTITUTE OF TECHNOLOGY
Andheri (W)
Mumbai-58.

BHARATIYA VIDYA BHAVAN'S
SARDAR PATEL INSTITUTE OF TECHNOLOGY
MUNSHI NAGAR, ANDHERI (WEST), MUMBAI – 400 058.
(Autonomous College Affiliated to University of Mumbai)

Signature of Faculty /Student/ Staff Name:

Signature of H.O.D. / Head of Committee:

SMC coordinator Sign:

IQAC Head Sign:

Dean academic / Dean student council

SARDAR PATEL INSTITUTE OF TECHNOLOGY
Andheri (W)
Mumbai-58.

ACE Committee of the MCA Department organized a Session on Software Testing on 18th April 2022 by Mr. Kunal Nene

SARDAR PATEL INSTITUTE OF TECHNOLOGY
Andheri (W)
Mumbai-58.

Bhartiya Vidya Bhavan's

Sardar Patel Institute of Technology

(Autonomous Institute Affiliated to University of Mumbai)

Internal Quality Assurance Cell

ACTIVITY REPORT 2021-22

DEPARTMENT/ COMMITTEE NAME: MCA / ACE Committee

IQAC ACTIVITY No:

NAME OF THE ACTIVITY: Guest lecture on Object-based database by Mr. Omkar Raykar			
DATE	STUDENTS/ TEACHER	DEPARTMENT/COMMITTEE	COORDINATOR NAME
23/07/2021	Students	MCA / ACE COMMITTEE	Prof. Harshil Kanakia
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE: Outdoor/Indoor
10:00 AM – 11:00 AM	Google Meet	54	Indoor
SUPPORT/ ASSISTANCE:			

BRIEF INFORMATION ABOUT THE ACTIVITY (CRITERION NO:)

TOPIC/SUBJECT OF THE ACTIVITY	Guest lecture on Guest lecture on Object-based database by Mr. Omkar Raykar
OBJECTIVES	To gain insight about Object-based database and its applications from Mr. Omkar Raykar.
METHODOLOGY	A google meet was created and Mr. Omkar Raykar was invited to share his insight about object-based database and its applications.
OUTCOMES	Understanding the subtleties of object-based database and its application.

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

1. Notice & Letters	2. List of people who participated	3. Activity report	4. Photos (GEO TAG)	5. Feedback form
6. Feedback analysis	7. News clip with details	8. Certificate	9. Any other	

IQAC CELL:

Bhartiya Vidya Bhavan's

Sardar Patel Institute of Technology

(Autonomous Institute Affiliated to University of Mumbai)

Internal Quality Assurance Cell

IQAC CELL ACTIVITY NUMBER:

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)

IQAC
Co-ordinator
S.P.I.T. Mumbai

S.P.I.T. - M.C.A.
ACE
COMMITTEE

REPORT ON

"Guest Lecture on Object-Based Database By Mr. Omkar Raykar"

SARDAR PATEL INSTITUTE OF TECHNOLOGY
Andheri (W)
Mumbai-58.

Under
ACE Committee 2021-22

MCA Department, Sardar Patel Institute of Technology

Notices and letters

Invite for Students:

Guest Session
on
OBJECT BASED DATABASE

Join Us

Speaker
OMKAR RAYKAR
Technical Consultant at Morgan Stanley
&
Software Engineer at Accolite

Details
Department: MCA
Platform: Google meet
Date: 23rd July, 2021
Time: 10:00 am

E-mail Invite for Guest Speaker:

SARDAR PATEL INSTITUTE OF TECHNOLOGY
Andheri (W)
Mumbai-58.

Bhartiya Vidya Bhavan's

Sardar Patel Institute of Technology

(Autonomous Institute Affiliated to University of Mumbai)

Internal Quality Assurance Cell

ACE

Mr. Omkar Raykar

Subject: Invitation for conducting website

Dear Sir,

We hope this message finds you well. We are delighted to invite you to conduct a Guest Lecture at Sardar Patel Institute of Technology. You are independently organized event by the ACE Committee on behalf of the MCA Department. The event is happening on 23rd July 2021 at 10:00 AM. It will be a session for the students of SPIT. It is about "Webinar for Beginners on Object Oriented Database".

We feel fortunate enough to invite you for the event. We plan to arranging the session up to one hour. Kindly let us know if you take this and feedback and suggestions. Looking forward to your reply.

We remain with warm wishes. For more information on this event, kindly contact undersigned. We are organizing workshop for students which will expose them to various subjects. Please accept our invitation. Thank you for taking time to read this mail and hoping to hear from you.

Regards,
ACE Committee

Faculty In Charge
Harshil Kanakia

H.O.D (MCA)
Dr. Hema Ramakrishnan

List of people who participated

TOTAL COUNT = 54

Index	
Faculty	F
Guest Speaker	G
First Year Student	FY

Prof. Harshil Kanakia	F
Count	1

Mr. Omkar Raykar	G

Abhishek Gupta	FY
Akash Dubey	FY
Aniruddha Deshmukh	FY
Anushka Chavan	FY
Anushka Salvi	FY
Ashwin Koli	FY
Bhavesh Naik	FY
Bhumesh Bodalia	FY
Debaroti Biswas	FY
Dhawal Patil	FY
Divya Sundaram	FY
Geeta Bhat	FY
Jagannath Patta	FY
Jalkishan Bagul	FY
Kalpesh Khandelwal	FY
Keval Kumar Limbani	FY
Krishna Chhabria	FY
Lovin D'cruz	FY
Mahek Sadhwani	FY

Samidha Sallan	FY
Sanket Kshirsagar	FY
Saurabh Kolapate	FY
Shivam Balki	FY
Shubham Gupta	FY
Siddhi Gavande	FY
Siddhi Patil	FY
Sneha Hariyan	FY
Srushti Panchbhai	FY
Swapnil Gaonkar	FY
Swapnil Mahapankar	FY
Tahir Gani	FY
Tanay Srivastava	FY
Tanuj Rajput	FY
Tejal Jadhav	FY
Udit Kulkarni	FY
Vaibhav Tyagi	FY
Count	54

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58

Bhartiya Vidya Bhavan's

Sardar Patel Institute of Technology

(Autonomous Institute Affiliated to University of Mumbai)

Internal Quality Assurance Cell

Count	1

Mahesh Kutty	FY
Mayur Honmane	FY
Mayur Misal	FY
Mohit Bellwani	FY
Nikhil Phadke	FY
Omkar More	FY
Onkar Tatkare	FY
Pallavi Bolar	FY
Prajwal Warkhade	FY
Pranali Ghag	FY
Prashant Gujar	FY
Pratik Vakurdekar	FY
Rahul Kumawat	FY
Rahul Mangalarapu	FY
Rashika Suvarna	FY
Rutwik Borkar	FY
Sachin Kolhe	FY
Samee Shaikh	FY

Photos

Feedback Form

For Students:

For Speaker:

Bharatiya Vidya Bhavan's

Sardar Patel Institute of Technology

(Autonomous Institute Affiliated to University of Mumbai)

Internal Quality Assurance Cell

Feedback From : Object Based Databases

Feedback Analysis Score: 79

Program Outcomes:

PO1: Computational Knowledge: Apply knowledge of computing fundamentals, computing specialization, mathematics, and domain knowledge appropriate for problem solving technique to formulate solution for Information System.

PO2: Problem Analysis: Conceptualize knowledge and backg[illegible] able to analyse a problem and identify

Activity Report

The Ace Committee 2021-22 of MCA department organized a guest lecture on July 23rd, 2021, at 10:00 AM. The event was held in the presence of Prof. Harshil Kanakia of the MCA department, and students from FY. Everyone gathered on Google Meet for the event.

The event started with a welcoming note delivered by Mr. Rahul Kumawat and Prof. Harshil Kanakia. The speaker, Mr. Omkar Raykar, started with introducing Object-based database. Later, the speaker discussed about job trends and different certifications in the field of object-

based database. After a question answer session, the event was concluded by Mr. Rahul Kumawat's and Prof. Harshil Kanakia's extension of gratitude towards the speaker.

Letter of Appreciation:

BHARATIYA VIDYA BHAVAN'S
SARDAR PATEL INSTITUTE OF TECHNOLOGY
MUNSHI NAGAR, ANDHERI (WEST), MUMBAI – 400 058
(Autonomous College Affiliated to University of Mumbai)

Social Media Champion Data

Year 2021-22

Date: 23-07-2021

Type: Event

Name of the Department / Committee: MCA / ACE Committee

Name of Theme: Guest lecture on Object-based database by Mr. Omkar Raykar

Date of Event: 23 July 2021

In-charge Faculty /Student/ Staff Name: Prof. Harshil Kanakia.

Brief Information about the event:

The event started with a welcoming note delivered by Mr. Rahul Kumawat and Prof. Harshil Kanakia. The speaker, Mr. Omkar Raykar, started with introducing an Object-based database. Later, the speaker discussed job trends and different certifications in the field of object-based databases. After a question answer session, the event was concluded by Mr. Rahul Kumawat and Prof. Harshil Kanakia's extension of gratitude towards the speaker.

Post Content:

ACE Committee of MCA Department organized a Guest lecture on Object-based database by Mr. Omkar Raykar

 # Tags required on the Event:

#objectdatabase #dbms #ace #spit

Photo:

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58

BHARATIYA VIDYA BHAVAN'S

SARDAR PATEL INSTITUTE OF TECHNOLOGY

MUNSHI NAGAR, ANDHERI (WEST), MUMBAI – 400 058

(Autonomous College Affiliated to University of Mumbai)

Signature of Faculty /Student/ Staff Name:

Signature of H.O.D. / Head of Committee:

SMC coordinator Sign:

IQAC Head Sign:

Dean academic / Dean student council

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58

Bharatiya Vidya Bhavans Sardar Patel Institute of Technology

Autonomous Institute Affiliated to Mumbai University

Organized By

ACE Commitee

ACE Committee of the MCA Department organized a Guest Session on **Object Oriented Database** on 23rd July 2021 which was conducted by **Mr. Omkar Raykar**

SARDAR PATEL INSTITUTE OF TECHNOLOGY
Andheri (W)
Mumbai-58.

Bhartiya Vidya Bhavan's

Sardar Patel Institute of Technology

(Autonomous Institute Affiliated to University of Mumbai)

Internal Quality Assurance Cell

ACTIVITY REPORT 2020-21

DEPARTMENT/ COMMITTEE NAME: MCA / ACE Committee

IQAC ACTIVITY No:

NAME OF THE ACTIVITY: Expert Talk on RPA by Mr. Chitranjan Vadodaria			
DATE	STUDENTS/TEACHER	DEPARTMENT/COMMITTEE	COORDINATOR NAME
23/02/2021	Students	MCA / ACE COMMITTEE	Prof. Nikhita Mangaonkar
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE: (Outdoor/Indoor)
11:00 AM – 12:45 PM	Google Meet	97	Indoor
SUPPORT/ASSISTANCE:			

BRIEF INFORMATION ABOUT THE ACTIVITY (**CRITERION NO. - **):

TOPIC/SUBJECT OF THE ACTIVITY	Expert Talk on RPA by Mr. Chitranjan Vadodaria
OBJECTIVES	To gain insight about RPA and its applications from Mr. Chitranjan Vadodaria.
METHODOLOGY	A google meet was created and Mr. Chitranjan Vadodaria was invited to share his insight about RPA and its applications.
OUTCOMES	Understanding the subtleties of RPA and its application.

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

1. Notice & Letters	2. List of people who participated	3. Activity report	4. Photos (GEO TAG)	5. Feedback form
6. Feedback analysis	7. News clip with details	8. Certificate	9. Any other	

IQAC CELL:

IQAC CELL ACTIVITY NUMBER:

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

IQAC Co-ordinator S.P.I.T. Mumbai

Bhartiya Vidya Bhavan's

Sardar Patel Institute of Technology

(Autonomous Institute Affiliated to University of Mumbai)

Internal Quality Assurance Cell

REPORT ON

"Expert Talk on RPA by Mr. Chitranjan Vadodaria"

Under

ACE Committee 2020-21

MCA Department, Sardar Patel Institute of Technology

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

Bhartiya Vidya Bhavan's

Sardar Patel Institute of Technology

(Autonomous Institute Affiliated to University of Mumbai)

Internal Quality Assurance Cell

Notices and letters

Invitation banner:

Invitation Letter:

To

Mr. Chitranjan Vadodaria
Director
KINTAN SYSTECH PVT. LTD

Subject : Invitation for conducting webinar

Dear Sir,

We hope this message finds you well. We are honored to invite you to conduct a workshop at **Sardar patel Institute of Technology**, for an independently organized event by the ACE **Committee** on behalf of the **MCA Department**. The event is happening on **23rd February 2021** at 11:00 AM. It will be a pleasure for the students of SPIT to attend "**Webinar for Expert talk on RPA**"

We feel fortunate enough to invite you for this event. Our goal for arranging the webinar is to bring together bright minds to give talks that are idea-focused and provoke conversations that matter.

We believe your voice would be a critical addition to the stage. It will truly be an informational workshop for students which will inspire them to achieve success. Please accept our invitation. Thank you for reading, and we very much look forward to hearing from you.

Regards,
ACE committee

SARDAR PATEL INSTITUTE OF TECHNOLOGY
Andheri (W)
Mumbai-58

Bhartiya Vidya Bhavan's

ardar Patel Institute of Technology

ous Institute Affiliated to University of Mumbai)

Internal Quality Assurance Cell

e who participated

TO.	OUNT = 97

Index	
Guest Speaker	G
First Year Student	FY
Second Year Student	SY
Outsiders	O

Chitranjan Vadodaria	G
Jayesh Thakkar	G
Count	2

Dr. Pooja Raundale	F
Nikhita Mangaonkar	F
Count	2

Akash Bamble	FY
Akash Dubey	FY
Anupam Tiwari	FY
Anushka Chavan	FY
Anushka Salvi	FY
Ashwin Koli	FY
Debaroti Biswas	FY
Dhawal Patil	FY
Divya Sundaram	FY
Geeta Bhat	FY
Jagannath Patta	FY
Jaikishan Bagul	FY
Kalpesh Khandelwal	FY
Krishna Chhabria	FY
Mahesh Kutty	FY
Mayur Misal	FY
Mohit Beliwani	FY
Onkar Tatkare	FY
Prajwal Warkhade	FY
Pranali Ghag	FY
Prashant Gujar	FY
Pratik Vakurdekar	FY

Rahul Kumawat	FY
Rutika Sonawane	FY
Rutwik Borkar	FY
Sachin Kolhe	FY
Samee Shaikh	FY
Samidha Salian	FY
Sanket Kshirsagar	FY
Saurabh Kolapate	FY
Shubham Gupta	FY
Shubham Jaiswal	FY
Siddhi Gavande	FY
Sneha Hariyan	FY
Srushti Panchbhai	FY
Suraj Singh	FY
Surbhi Agarwal	FY
Tahir Gani	FY
Tanay Srivastava	FY
Tanuj Rajput	FY
Tejal Jadhav	FY
Udit Kulkarni	FY
Vaibhav Tyagi	FY
Vinod Pujari	FY
Count	44

Abhishek Gupta	SY
Advait Yogaonkar	SY
Ajinkya Sathe	SY
Anurag Pandey	SY
Atul Khandelwal	SY
Ayush Sah	SY
Chinmay Shikhare	SY
Chinmay Vichare	SY
Dhiraj Singh Rawat	SY
Harshad Dandvekar	SY
Jay Khandelwal	SY
Jay Visave	SY
Jayesh Ma[illegible]	
Yadav	SY
Karan Ga[illegible]	SY

Ketaki Shinde	SY
Kuldeep Pal	SY
Mangesh Bachhe	SY
Manish Jha	SY
Nancy Kamboj	SY
Neeraj Ghosh	SY
Neil Khanolkar	SY
Nikhil Dewoolkar	SY
Nikhil Sarvankar	SY
Nikhil Suwalka	SY
Patwardhan Ninad	SY
Nirmit Patil	SY
Nisarg Patil	SY
Nishit Shanbhag	SY
Onkar Pawar	SY
Pranav Soneji	SY
Pratik Katariya	SY
Pratik Mankar	SY
Rohit Kamble	SY
Rohit Majnekar	SY
Rushikesh Bhagwat	SY
Sahil Nayak	SY
Samarth Aher	SY
Sanket Pawar	SY
Saptak Patil	
Sarvar Vanoo	SY
Shivam Chaubey	SY
Shristi Bisht	SY
Shubham Bhiwapurkar	SY
Shweta Pandey	SY
Siddhesh Gurav	SY
Simren Dubey	SY
Sucheta Patil	SY
Sumit Sangwan	SY
Yash Badwe	SY
Count	49

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

Bhartiya Vidya Bhavan's

Sardar Patel Institute of Technology

(Autonomous Institute Affiliated to University of Mumbai)

Internal Quality Assurance Cell

Photos

Feedback Form

For speaker:

Bhartiya Vidya Bhavan's

Sardar Patel Institute of Technology

(Autonomous Institute Affiliated to University of Mumbai)

Internal Quality Assurance Cell

For Event:

Feedback Analysis Score: 80%

Program Outcomes:

PO5: Modern Tool Usage – Design, monitor, manage, test, control, evaluate an existing computer-based system, process, component or program and provide valid conclusions using software modelling, warehousing, mining and networking tools for application development.

PO9: Communication Efficacy – Communicate effectively using classic and modern technology with the IT professionals and with society at large through report writing as well as technical presentations.

PO11: Individual and Team Work – Function effectively as an individual, and as a member or leader of a team.

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

Bhartiya Vidya Bhavan's

Sardar Patel Institute of Technology

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Internal Quality Assurance Cell

Activity Report

The Ace Committee 2020-21 of MCA department organized an Expert Talk on RPA on February 23rd, 2021 at 11:00 AM. The event was held in the presence of students from FY and SY. Everyone gathered on Google Meet for the event.

The event started with a welcoming note delivered by Mr. Neil Khanolkar. The speaker, Mr. Chitranjan Vadodaria, started the session by introducing various nuances of RPA and its applications. Later on, the speaker discussed about job trends and different certifications in the field of RPA followed by a demo of UI Path. After a question answer session, the event was concluded by Mr. Neil Khanolkar's extension of gratitude towards the speaker.

Letter of Appreciation:

ACE

To
Mr. Chitranjan Vadodaria.
Director, Kintan Systech Pvt. Ltd.

Letter of Appreciation

Dear Sir,

On behalf of the MCA Department and Sardar Patel Institute of Technology, the ACE Committee would like to express a token of appreciation for the amazing session conducted by you. We appreciate you for the support you have given us.

The efforts you took for imparting knowledge are praiseworthy. We honestly believe that your advice, insight and guidance will result in a positive outcome for us. We look forward to many more interactions with you in the near future.

Thank you.
Regards,
ACE Committee.

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

SARDAR PATEL INSTITUTE OF TECHNOLOGY
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(Autonomous College Affiliated to University of Mumbai)

Social Media Champion Data

Year 2020-21

Date: 23-02-2021

Type: Event

Name of the Department / Committee: MCA / ACE Committee

Name of Theme: Expert Talk on RPA by Mr. Chitranjan Vadodaria

Date of Event: 23 February 2021

In-charge Faculty /Student/ Staff Name: Prof. Nikhita Mangaonkar

Brief Information about the event:

The event started with a welcoming note delivered by Mr. Neil Khanolkar. The speaker, Mr. Chitranjan Vadodaria, started the session by introducing various nuances of RPA and its applications. Later on, the speaker discussed about job trends and different certifications in the field of RPA followed by a demo of UI Path. After a question answer session, the event was concluded by Mr. Neil Khanolkar's extension of gratitude towards the speaker.

Post Content:

ACE Committee of MCA Department organized an Expert Talk on RPA by Mr. Chitranjan Vadodaria on 23rd February 2021.

 # Tags required on the Event:

#RPA #freshers #mca

Photo:

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BHARATIYA VIDYA BHAVAN'S

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Signature of Faculty /Student/ Staff Name:

Signature of H.O.D. / Head of Committee:

SMC coordinator Sign:

IQAC Head Sign:

Dean academic / Dean student council

SARDAR PATEL INSTITUTE OF TECHNOLOGY
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Mumbai-58

https://drive.google.com/drive/u/0/my-drive?e=activelist.cd&mode=grid&q=type:image%20parent:root&sort=modifiedTime,descending&ddrp=1&ddrs=1&ddrc=1&ddrt=1&ddrf=1&ddrl=1&ddrm=1&ddrr=1&ddrd=1&ddrh=1&ddrv=1&ddrz=1&ddrx=1&ddry=1&ddrq=1&ddrw=1&ddrk=1&ddrb=1&ddrg=1&ddrj=1&ddrp=1&ddrs

Name : Chiranjan Vadodaria and Jayesh Thakkar

Profile :

Mr. Chiranjan Vadodaria has over 3 decades of industry experience in the IT domain. He is a director at Kitan syntech. He has worked in many domains like RPA, e-learning and quality assurance.

Mr. Jayesh Thakkar has over 2 decades of experience in the ITC field. He has a lot of experience with managing startups and technology initiatives etc.

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Bhartiya Vidya Bhavan's

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Internal Quality Assurance Cell

ACTIVITY REPORT 2020-21

DEPARTMENT/ COMMITTEE NAME: MCA / ACE Committee

IQAC ACTIVITY No:

NAME OF THE ACTIVITY: Webinar on Security in Cloud Computing			
DATE	STUDENTS/TEACHER	DEPARTMENT/COMMITTEE	COORDINATOR NAME
24/10/2020	Students and Teachers	MCA / ACE COMMITTEE	Prof. Nikhita Mangaonkar
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE: Outdoor/Indoor
10:30 AM – 12:30 PM	Google Meet	27	Indoor
SUPPORT/ASSISTANCE:			

BRIEF INFORMATION ABOUT THE ACTIVITY (CRITERION NO. -):

TOPIC/SUBJECT OF THE ACTIVITY	Webinar on Security in Cloud Computing.
OBJECTIVES	To learn about cloud computing from Mr. Mithun Kadam and Ms. Reshma Katkar.
METHODOLOGY	A google meet was created where Mr. Mithun Kadam and Ms. Reshma Katkar were invited to give a hands-on experience on cloud computing.
OUTCOMES	Understanding security in cloud computing with a hands-on practical session.

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

1. Notice & Letters	2. List of people who participated	3. Activity report	4. Photos (GEO TAG)	5. Feedback form
6. Feedback analysis	7. News clip with details	8. Certificate	9. Any other	

IQAC CELL:

IQAC CELL ACTIVITY NUMBER:

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

IQAC Co-ordinator S.P.I.T. Mumbai

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REPORT ON

"Webinar on Security in Cloud Computing"

Under
ACE Committee 2020-21

MCA Department, Sardar Patel Institute of Technology

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Internal Quality Assurance Cell

Notices and letters

WhatsApp Invite for Students:

AWS Console - Signup
portal.aws.amazon.com

Hey everyone. I hope everyone is doing well.

Cloud computing is the buzz at the moment. Did you ever wonder how you could get started? Worry not! ACE will be organizing a hands-on session just for that!

Topic: Security in Cloud Computing
Date: 24 October 2020 (Saturday)
Time: 10:30 AM
Meet link: meet.google.com/uhw-hobd-rav

Pre-requisite- Make sure you have an AWS account. You can create one by visiting:
https://portal.aws.amazon.com/billing/signup?nc2=h_ct&src=default&redirect_url=https%3A%2F%2Faws.amazon.com%2Fregistration-confirmation#/start

See you all there!

6:42 PM

Invitation Letter for Guest Speaker:

ACE

Letter of Invitation

Ms. Reshma Kotkar
Senior Data Engineer, Quantphi

Dear Ma'am,

We are honoured to invite you to conduct a hands-on session for students at Sardar Patel Institute of Technology, for an event organized by the ACE Committee of the MCA Department. The event is beginning on 24th October, 2020 at 10:30 AM.

Our goal for arranging this session is to bring together bright minds that are idea-focused and provoke conversations that matter.

It is an honour and privilege to invite you to conduct a session on "Security in Cloud Computing". You have been contributing your efforts towards the workforce for quite a while now and we would be honoured to learn from you.

Thank you

Regards,
ACE committee
MCA Department, SPIT

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Andheri (W)
Mumbai-58.

Bhartiya Vidya Bhavan's

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List of people who participated

TOTAL COUNT = 27

Index	
Faculty	F
Guest Speaker	G
Second Year Student	SY
Third Year Student	TY

Nikhita Mangaonkar	F
Count	1

Reshma Katkar	G
Mithun Kadam	G
Count	2

Abhishek Vaish	TY
Aditya Telpande	TY
Akash Mhatre	TY
Akash Sawale	TY
Avinash Dubey	TY
Chaitanya Yadav	TY
Chetan Thosar	TY
Dattatraya Bhabal	TY
Diksha Bandagale	TY
Divya Hatkar	TY
Kajal Jadhav	TY
Nilam Khatal	TY
Pratik Pawar	TY
Sarvesh Kulkarni	TY
Sayali Kamble	TY
Swapnil More	TY
Count	16

Abhishek Gupta	SY
Ajinkya Sathe	SY
Amar Gurav	SY
Ketaki Shinde	SY
Manish Jha	SY
Pranav Soneji	SY
Shivam Chaubey	SY
Vishal Parab	SY
Count	8

Photos

Andheri (W) Mumbai-58.

Bhartiya Vidya Bhavan's

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Feedback Form

For Event:

Security in Cloud Computing

For Speaker:

Feedback Analysis Score: 90%

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

Program Outcomes:

PO5: Modern Tool Usage – Design, monitor, manage, test, control, evaluate an existing computer-based system, process, component or program and provide valid conclusions using software modelling, warehousing, mining and networking tools for application development.

PO9: Communication Efficacy – Communicate effectively using classic and modern technology with the IT professionals and with society at large through report writing as well as technical presentations.

PO11: Individual and Team Work – Function effectively as an individual, and as a member or leader of a team.

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Internal Quality Assurance Cell

Activity Report

The Ace Committee 2020-21 of MCA department organized a Webinar on Security in Cloud Computing on October 24th, 2020 (Saturday) at 10:30 AM. The event was held in the presence of Prof. Nikhita Mangaonkar of the MCA department, and students from TY. Everyone gathered on Google Meet for the event.

The event started with a welcoming note delivered by Mr. Vishal Parab. The speakers, Mr. Mithun Kadam and Ms. Reshma Katkar started with introducing themselves. The event was divided in two sections; a theory introduction and the actual hands-on practical. Everyone was instructed to make an AWS account beforehand where they would be performing the practical. In the end, the event was concluded by Mr. Vishal Parab's extension of gratitude towards the speakers.

Letter of Appreciation:

Ms. Reshma Katkar
Senior Data Engineer, Quantiphi

Letter of Appreciation

Dear Ma'am,

On behalf of the MCA Department and Sardar Patel Institute of Technology, the ACE Committee would like to express a token of appreciation for the amazing session conducted by you. We appreciate you for the support you have given us.

The efforts you took for imparting knowledge are praiseworthy. We honestly believe that your advice, insight and guidance will result in a positive outcome for us. We look forward to many more interactions with you in the near future.

Also, we want to ask your consent for using the screenshots and video clips from your session for documentation purposes and sharing a few snippets on our social media handles. Please respond and let us know your will.

Thank you.
Regards,
ACE Committee.

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Mumbai-58.

BHARATIYA VIDYA BHAVAN'S
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Social Media Champion Data

Year 2020-21

Date: 24-10-2020

Type: Event

Name of the Department / Committee: MCA / ACE Committee

Name of Theme: Webinar on Security in Cloud Computing

Date of Event: 24 October 2020.

In-charge Faculty /Student/ Staff Name: Prof. Nikhita Mangaonkar

Brief Information about the event:

The event started with a welcoming note delivered by Mr. Vishal Parab. The speakers, Mr. Mithun Kadam and Ms. Reshma Katkar started with introducing themselves. The event was divided in two sections; a theory introduction and the actual hands-on practical. Everyone was instructed to make an AWS account beforehand where they would be performing the practical. In the end, the event was concluded by Mr. Vishal Parab's extension of gratitude towards the speakers.

Post Content:

ACE Committee of MCA Department organized a Webinar on Security in Cloud Computing on 24th October 2020 which was conducted by Mr. Mithun Kadam and Ms. Reshma Katkar.

 # Tags required on the Event:

#security #webinar #cloudcomputing

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Photo:

Signature of Faculty /Student/ Staff Name:

Signature of H.O.D. / Head of Committee:

SMC coordinator Sign:

IQAC Head Sign:

Dean academic / Dean student council

SARDAR PATEL INSTITUTE OF TECHNOLOGY
Andheri (W)
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SARDAR PATEL INSTITUTE OF TECHNOLOGY
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Mumbai-58.

Reshma Katkar 2nd

Senior Data Engineer at Quantiphi, Inc. | AWS Certified Solutions Architect – Associate | Certified Tableau Desktop Specialist | Tableau Analyst | Bi Developer | Data Warehousing

- Quantiphi
- Vivekanand Education Societys Institute of Technology Sindhi Society Chembur Mumbai 400 071

Mumbai, Maharashtra, India · Contact info

310 connections

1 mutual connection: Shailesh Tendolkar

Connect Message ···

About

Job Interest : AWS developer, Software Developer, Data warehouse Engineer , Business Analyst, DBA.
Experience : MSBI technologies (SSIS), SQL, VBA, Tableau, AWS, Python
Education : MCA From VESIT college
Primary Skills : SQL, SSIS, Schedulling job, Running ETL, HTML, CSS, JavaScript , VBA, Tableau, AWS, Python
Secondary Skills: Java
Developer Tools/MSBI Tools : Visual Studio,TFS,GIT
Data Visualization tool :Tableau

Experience

Quantiphi
4 yrs 7 mos

Senior Data Engineer
Full-time

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

Data Engineer
Apr 2017 - Present · 3 yrs 7 mos
Mumbai Area, India

Software Engineer
MAQ Software
May 2016 - Mar 2017 · 11 mos
Mumbai Area, India

Education

Vivekanand Education Societys Institute of Technology
Sindhi Society Chembur Mumbai 400 071
Master of Computer Applications (MCA), Information Technology, 8.44
2012 - 2015

Licenses & certifications

Tableau Analyst
Tableau Software
Issued May 2020 · No Expiration Date

Tableau Desktop Specialist
Tableau Software
Issued Mar 2019 · No Expiration Date
See credential

AWS Solution Architect Associate
Amazon Web Services (AWS)
Issued Jun 2020 · Expires Jun 2023

Skills & endorsements

SQL · 7
Endorsed by Kirti Sijaria and 2 others who are highly skilled at this

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Microsoft SQL Server · 2

Aarfah A. and 1 connection have given endorsements for this skill

MySQL · 2

Aarfah A. and 1 connection have given endorsements for this skill

Industry Knowledge

Business Intelligence (BI)

Tools & Technologies

Visual Basic for Applications (VBA) · 2

JavaScript · 1

Java · 1

HTML · 1

C++ · 1

C · 1

Cascading Style Sheets (CSS) · 1

PHP · 1

Transact-SQL (T-SQL)

Python (Programming Language)

Amazon Web Services (AWS)

Apache Sqoop

Amazon Elastic MapReduce (EMR)

Tableau

AWS Lambda

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Other Skills

Bhartiya Vidya Bhavan's

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Internal Quality Assurance Cell

ACTIVITY REPORT 2020-21

DEPARTMENT/ COMMITTEE NAME: MCA / ACE Committee

IQAC ACTIVITY No:

NAME OF THE ACTIVITY: Webinar on Deep Learning.			
DATE	STUDENTS/TEACHER	DEPARTMENT/COMMITTEE	COORDINATOR NAME
19/09/2020	Students and Teachers	MCA / ACE COMMITTEE	Prof. Nikhita Mangaonkar
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE: Outdoor/Indoor
11 AM – 12:40 PM	Google Meet	53	Indoor
SUPPORT/ASSISTANCE:			

BRIEF INFORMATION ABOUT THE ACTIVITY (**CRITERION NO. -**):

TOPIC/SUBJECT OF THE ACTIVITY	Webinar on Deep Learning.
OBJECTIVES	To gain insight about Deep Learning from the experience of Prof. Mamta Sharma.
METHODOLOGY	A google meet was created and Prof. Mamta Sharma was invited to talk about Deep Learning.
OUTCOMES	• Students will learn about ensemble techniques • Understanding of the two techniques based upon ensemble bagging and ensemble boosting • How these techniques are implemented in Python.

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

1. Notice & Letters	2. List of people who participated	3. Activity report	4. Photos (GEO TAG)	5. Feedback form
6. Feedback analysis	7. News clip with details	8. Certificate	9. Any other	

IQAC CELL:

IQAC CELL ACTIVITY NUMBER:

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)
		IQAC Co-ordinator S.P.I.T. Mumbai

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Bhartiya Vidya Bhavan's

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Internal Quality Assurance Cell

Feedback Analysis Score: 80

Activity Report

The Ace Committee 2020-21 of MCA department organized a Webinar on Deep Learning on September 19th, 2020 (Saturday) at 11:00 AM. The event was held in the presence of Dr. Pooja Raundale of the MCA department, and students from TY. Everyone gathered on Google Meet for the event.

The event started with a welcoming note delivered by Ms. Srishti Bisht and Dr. Pooja Raundale. The speaker, Prof. Mamta Sharma, started with giving an introduction to Machine Learning and Deep Learning. Later on, the topic of Ensemble techniques was discussed at length with topics like Ensemble bagging and Ensemble boosting being thoroughly explored and their implementation discussed using Python. After a question answer session, the event was concluded by Ms. Srishti Bisht and Dr. Pooja Raundale's extension of gratitude towards the speaker.

Letter of Appreciation:

ACE

18 September 2020
Prof. Mamta Sharma
MCA department, SPIT College,
Navi Mumbai.

Letter of Appreciation

Dear Madam,

On behalf of the MCA Department and Sardar Patel Institute of Technology, ACE Committee would like to express a token of appreciation for the amazing webinar on Ensemble Techniques conducted by you. We appreciate you for the support you have given us.

The efforts you took for imparting knowledge are praiseworthy. We honestly believe that your advice and guidance has resulted in a positive outcome for us. We look forward to many more interactions with you in the near future.

Thank you.

Regards,
ACE Committee

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

Nikhita Mangaonkar
Faculty In Charge

Dr. Pooja Raundale
H.O.D. (MCA)

Bhartiya Vidya Bhavan's

Sardar Patel Institute of Technology

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Internal Quality Assurance Cell

Notices and letters

WhatsApp Invite for Students:

E-mail Invite for Guest Speaker:

Letter of Invitation

Prof. Mamta Sharma

MCA Department,

SIES College of Management Studies,

Navi Mumbai

Dear Mam,

We are honoured to invite you to conduct a webinar for Students at Sardar Patel Institute of Technology for an event organized by the ACE Committee of the MCA Department. The event is happening on 15th September 2020 at 11 AM.

Our goal for arranging the webinar is to bring together bright minds to give talks that are idea-focused and provide conceptualization matter.

It is an honour and privilege to invite you to participate in this Webinar as speaker on "Deep Learning". We believe that your contribution to this field is unparalleled and a webinar on this topic will be of great benefit to the students.

Looking forward to your positive response. Thank you.

Regards,

ACE Committee

MCA Department, SPIT

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

Bhartiya Vidya Bhavan's

Sardar Patel Institute of Technology

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Internal Quality Assurance Cell

List of people who participated

TOTAL COUNT = 53

Index	
Faculty	F
Guest Speaker	G
Second Year Student	SY
Third Year Student	TY
Outsiders	O

Dr. Pooja Raundale	F
Karuna Bhikru	F
Count	2

Mamta Sharma	G
Count	1

Akash Mhatre	TY
Akash Sawale	TY
Anuradha Date	TY
Avinash Dubey	TY
Diksha Bandagale	TY
Frank Anthony	TY
Hadi Maredia	TY
Hammad Ansari	TY
Himanshu Pednekar	TY
Himanshu Shekhar	TY
Kajal Jadhav	TY
Kumar Shah	TY
Kumar Swapnil	TY
Mantasha Shaikh	TY
Maulika Arekar	TY
Mridul Gupta	TY
Neha Rane	TY
Nilam Khatal	TY
Nishita Aishwarya	TY
Pradnyot Morwekar	TY
Prashika Walke	TY
Prathamesh Hire	TY
Preeti Dhumal	TY
Purvesh Desale	TY
Riya Barve	TY
Sachidanand Yadav	TY
Sarvesh Kulkarni	TY
Satish Garje	TY
Sayali Kamble	TY
Shailesh Tendolkar	TY
Shardul Rane	TY
Siddhesh Chaughule	TY
Suyash Ojha	TY
Swapnali Kakade	TY
Swapnil more	TY
Tanvi Shelke	TY
Vivek Venkatesh	TY
Count	37

Abhishek Gupta	SY
Ajinkya Sathe	SY
Amar Gurav	SY
Ayush Sah	SY
Jayesh Marathe Yadav	SY
Ketaki Shinde	SY
Kuldeep Pal	SY
Neil Khanolkar	SY
Nirmit Patil	SY
Nishit Shanbhag	SY
Pranav Soneji	SY
Pratik Mankar	SY
Count	12

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Social Media Champion Data

Year 2020-21

Date: 05-10-2020

Type: Event

Name of the Department / Committee: MCA / ACE Committee

Name of Theme: Webinar on Deep Learning.

Date of Event: 19 September 2020

In-charge Faculty /Student/ Staff Name: Dr. Pooja Raundale

Brief Information about the event:

The event started with a welcoming note delivered by Ms. Srishti Bisht and Dr. Pooja Raundale. The speaker, Prof. Mamta Sharma, started with giving an introduction to Machine Learning and Deep Learning. Later on, the topic of Ensemble techniques was discussed at length with topics like Ensemble bagging and Ensemble boosting being thoroughly explored and their implementation discussed using python. After a question answer session, the event was concluded by Ms. Srishti Bisht and Dr. Pooja Raundale's extension of gratitude towards the speaker.

Post Content:

ACE Committee of MCA Department organized a Webinar on Deep Learning. On 19 September 2020 which was conducted by Prof. Mamta Sharma.

 # Tags required on the Event:

#deep_learning #python #AI #machine_learning

Photo:

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Signature of Faculty /Student/ Staff Name:

Signature of H.O.D. / Head of Committee:

SMC coordinator Sign:

IQAC Head Sign:

Dean academic / Dean student council

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SARDAR PATEL INSTITUTE OF TECHNOLOGY
Andheri (W)
Mumbai-58.

Mamta Sharma
Professor at SIES college of management studies

Home My Network Jobs

More Message

Mamta Sharma 3rd

Professor at SIES college of management studies

- SIES College of Management Studies
- Banasthali Vidyapith

Thane, Maharashtra, India · Contact info

79 connections

Message More

About

Currently pursuing Ph.D. from Gujarat State University , Ahmedabad in Artificial Intelligence using Deep learning models and Natural language Processing

Activity

79 followers

Posts Mamta created, shared, or commented on in the last 90 days are displayed here.

See all activity

Experience

SARDAR PATEL INSTITUTE OF TECHNOLOGY
Andheri (W)
Mumbai-58.

Home My Network Jobs

Mamta Sharma
Professor at SIES college of management studies

More Message

Chairperson
Jul 2006 – Jun 2012 · 6 yrs

Software Condultant
Delta Informatica sPA(Now DeltaDator)
Jan 1999 – Aug 2001 · 2 yrs 8 mos
Trento, ITALY

Engineer(Systems Integration)
CMC Ltd (Govt. of India)
Jun 1996 – Aug 1998 · 2 yrs 3 mos

Sr.Software Engineer
Prosix Softron Pvt. Ltd.
Jan 1995 – May 1996 · 1 yr 5 mos
Lucknow, India

Sr. Programmer
Pertech Computers Ltd. (sister org. of Altos India Ltd.)
Jul 1991 – May 1994 · 2 yrs 11 mos
New Delhi Area, India

Education

Banasthali Vidyapith
MCA, Computer Science
1988 – 1991

H.S. Kotambri Sc. Institute, Hubli, Karnataka
Bachelor's Degree, Mathematics(Major), Physics , Chemistry, Distinction
1985 – 1988

Licenses & certifications

Sequence Models

SARDAR PATEL INSTITUTE OF TECHNOLOGY
Andheri (W)
Mumbai-58.

Bhartiya Vidya Bhavan's

Sardar Patel Institute of Technology

(Autonomous Institute Affiliated to University of Mumbai)

Internal Quality Assurance Cell

ACTIVITY REPORT 2020-21

DEPARTMENT/ COMMITTEE NAME: MCA / ACE Committee

IQAC ACTIVITY No:

NAME OF THE ACTIVITY: Webinar on From Software Testing to Quantity Engineering.			
DATE	STUDENTS/TEACHER	DEPARTMENT/COMMITTEE	COORDINATOR NAME
19/09/2020	Students, Teachers and Alumnus	MCA / ACE COMMITTEE	Dr. Pooja Raundale
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE: Outdoor/Indoor
12:00 – 01:00 PM	Google Meet	51	Indoor
SUPPORT/ASSISTANCE:			

BRIEF INFORMATION ABOUT THE ACTIVITY (**CRITERION NO. -**):

TOPIC/SUBJECT OF THE ACTIVITY	Webinar on From Software Testing to Quantity Engineering.
OBJECTIVES	To gain insight about Deep Learning from the experience of Mrs. Parinita Patankar, MD Quality Assurance at Accenture.
METHODOLOGY	A google meet was created and Mrs. Parinita Patankar was invited to talk about Quality Assurance.
OUTCOMES	Understanding Quality Assurance and how it is achieved in the industry.

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

1. Notice & Letters	2. List of people who participated	3. Activity report	4. Photos (GEO TAG)	5. Feedback form
6. Feedback analysis	7. News clip with details	8. Certificate	9. Any other	

IQAC CELL:

IQAC CELL ACTIVITY NUMBER:

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)

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REPORT ON

"Webinar on From Software Testing to Quantity Engineering"

Under

ACE Committee 2020-21

MCA Department, Sardar Patel Institute of Technology

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

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Notices and letters

WhatsApp Invite:

Invitation Letter:

Bhartiya Vidya Bhavan's

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List of people who participated

TOTAL COUNT = 51

Index	
Faculty	F
Guest Speaker	G
Second Year Student	SY
Outsiders	O

Dr. Pooja Raundale	F
Count	1

Ppatank(Mrs. Parinita Patankar)	G
Count	1

Advait Yogaonkar	SY
Ajinkya Sathe	SY
Amar Gurav	SY
Anurag Pandey	SY
Atul Khandelwal	SY
Ayush Sah	SY
Chinmay Shikhare	SY
Chinmay Vichare	SY
Harshad Dandvekar	SY
Jay Khandelwal	SY
Jay Visave	SY
Jayesh Marathe Yadav	SY
Karan Gandhi	SY
Ketaki Shinde	SY
Kuldeep Pal	SY
Mangesh Bachhe	SY
Nancy Kamboj	SY
Neeraj Ghosh	SY
Neil Khanolkar	SY
Nikhil Dewoolkar	SY
Nikhil Sarvankar	SY
Nikhil Suwalka	SY
Nikhita Mangaonkar	SY
Nirmit Patil	SY
Nisarg Patil	SY
Nishit Shanbhag	SY
Patwardhan Ninad	SY
Pranav Soneji	SY
Pratik Katariya	SY
Pratik Mankar	SY
Rohit Kamble	SY
Rohit Majnekar	SY
Sahil Nayak	SY
Samarth Aher	SY
Sanket Pawar	SY
Saptak Patil	SY
Sarvar Vanoo	SY
Shivam Chaubey	SY
Shristi Bisht	SY
Shubham Bhiwapurkar	SY
Siddharth Bhalerao	SY
Simren Dubey	SY

Sumit Sangwan	SY
Vishal Parab	SY
Yash Badwe	SY
Count	45

Deepak Yadav	O
Presenjit Bhavathankar	O
Radha Shankarmani	O
Rupali Sawant	O
Count	4

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Photos

Feedback Form

For speaker:

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For Event:

Feedback Analysis Score: 89

Program Outcomes

PO5: Modern Tool Usage – Design, monitor, manage, test, control, evaluate an existing computer-based system, process, component or program and provide valid conclusions using software modelling, warehousing, mining and networking tools for application development.

PO9: Communication Efficacy – Communicate effectively using classic and modern technology with the IT professionals and with society at large through report writing as well as technical presentations.

PO11: Individual and Team Work – Function effectively as an individual, and as a member or leader of a team.

Activity Report

The Ace Committee 2020-21 of MCA department organized a webinar on the topic "From Software Testing to Quantity Engineering" on September 05th, 2020 (Saturday) at 12:15 PM. The event was held in the presence of faculty members of the MCA department, alumnus and students from [illegible]. Everyone gathered on Google Meet for the event.

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The event started with a welcoming note delivered by Ms. Simren Dubey. The speaker, Mrs. Parinita Patankar, MD Quality Assurance at Accenture, started the session by telling us how she started her career. She spoke about the evolution of software testing with respect to software engineering, about how it is no longer just finding and removing bugs but is far more integrated with the whole development lifecycle. She shed some line upon what were the industry norms back in the day, what they are now and what are the expectations of a project manager from testers. After a question answer session, the event was concluded by Ms. Simren Dubey's extension of gratitude towards the speaker.

Letter of Appreciation:

ACE

18 September 2020
Mrs. Parinita Patankar
Vice President Lead India Sogeti Testing Competence

Letter of Appreciation

Dear Madam,

On behalf of the MCA Department and Sardar Patel Institute of Technology ACE Committee would like to express a token of appreciation for the amazing webinar conducted by you. We appreciate you for the support you have given us.

The efforts you took for imparting knowledge are praiseworthy. We honestly believe that your advice and guidance has resulted in a positive outcome for us. We look forward to many more interactions with you in the near future.

Thank you

Regards
ACE Committee

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Social Media Champion Data

Year 2020-21

Date: 05-10-2020

Type: Event

Name of the Department / Committee: MCA / ACE Committee

Name of Theme: Webinar on "From Software Testing to Quality Engineering".

Date of Event: 19 September 2020

In-charge Faculty /Student/ Staff Name: Dr. Pooja Raundale

Brief Information about the event:

The event started with a welcoming note delivered by Ms. Simren Dubey and Dr. Pooja Raundale. The speaker, Mrs. Parinita Patankar, started the session by telling us how she started her career. She spoke about the evolution of software testing with respect to software engineering, about how it is no longer just finding and removing bugs but is far more integrated with the whole development lifecycle. She shed some line upon what were the industry norms back in the day, what they are now and what are the expectations of a project manager from testers. After a question answer session, the event was concluded by Ms. Simren Dubey's extension of gratitude towards the speaker.

Post Content:

ACE Committee of MCA Department organized a Webinar on "From Software Testing to Quality Engineering" on 19 September 2020 which was conducted by Mrs. Parinita Patankar.

 # Tags required on the Event:

#software_testing #software_engineering #sdlc #tester

Photo:

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SARDAR PATEL INSTITUTE OF TECHNOLOGY

MUNSHI NAGAR, ANDHERI (WEST), MUMBAI – 400 058.

(Autonomous College Affiliated to University of Mumbai)

Signature of Faculty /Student/ Staff Name:

Signature of H.O.D. / Head of Committee:

SMC coordinator Sign:

IQAC Head Sign:

Dean academic / Dean student council

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Mumbai-58.

Parinita Patankar · 2nd

Vice President - Sogeti, a Capgemini Company

- Accenture
- University of Mumbai

India · Contact info

500+ connections

2 mutual connections: Tani Khandelia and Yash Badve

Connect Message More

About

Parinita is part of the leadership team at Sogeti, Capgemini India and works out of Mumbai. With over 23 years of experience in ensuring software quality across variety of client environment, I maintain knowledge of the latest innovations and provides customized solution to the clients as per their technology and business needs. Most recently, I has been leading the India Sogeti Digital Assurance and Quality Engineering Practice of 2500+ Quality Engineers and responsible for incident free delivery and Innovation led solutions to our global clients.

In past, I have lead the overall technology assessment to identify opportunities for implementing innovations around Artificial intelligence, Cognitive analysis and analytics including automation and roadmap definition to achieve better cost of testing for clients while improving the speed and quality. This includes identifying improvement opportunities across the testing lifecycle, and leading pilots / implementations of those improvement efforts.

I am a true believer in "Quality to be built in and just not Tested"

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Home My Network Jobs

Accenture
17 yrs

Managing Director, Testing & Quality Engineering at Accenture
Dec 2018 – Present · 2 yrs 11 mos
Mumbai Area, India

Managing Director, Testing & Quality Engineering at Accenture

Associate Director - Test Architecture
Dec 2016 – Present · 4 yrs 11 mos

Associate Manager
Sep 2009 – Present · 12 yrs 2 mos

Senior Manager
Jun 2004 – Present · 17 yrs 5 mos

Senior Manager
2004 – 2011 · 7 yrs

Test Lead
Baan Info Systems
Sep 2001 – Jun 2004 · 2 yrs 10 mos

Worked as a Test lead at Baan and lead a team of test engineers for Intergration components.

Testing Lead
Worked together in Baan
2001 – 2004 · 3 yrs

Quality analyst
J.D. Edwards
Sep 2000 – Aug 2001 · 1 yr

Worked in JD Edwards denver office. Was working on Warehousing modules. Worked on Manual and automation testing.

Testing
Baan Info Systems
Apr 1998 – Jun 2000 · 2 yrs 3 mos

Worked as a Test engineer and then joined Baan in year 2001

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ACTIVITY REPORT 2019-20

DEPARTMENT/ COMMITTEE NAME: MCA / ACE Committee

IQAC ACTIVITY No:

NAME OF THE ACTIVITY: Online guest lecture on Advanced networking			
DATE	STUDENTS/TEACHER	DEPARTMENT/COMMITTEE	COORDINATOR NAME
22/05/2020	Students	MCA / ACE committee	Prof. Nikhita Mangaonkar
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE: Outdoor/Indoor
	Online Google meet	60	Indoor
SUPPORT/ASSISTANCE:	-		

BRIEF INFORMATION ABOUT THE ACTIVITY (CRITERION NO. -):

TOPIC/SUBJECT OF THE ACTIVITY	Advanced Networking
OBJECTIVES	To introduce students how networking works in the industry.
METHODOLOGY	PowerPoint Presentation and Talk
OUTCOMES	Students can practice advanced networking and have deep knowledge about networking.

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

1. Notice & Letters	2. Student list of participation	3. Activity report	4. Photos (GEO TAG)	5. Feedback form
6. Feedback analysis	7. News clip with details	8. Certificate	9. Any other	10.

IQAC CELL:

IQAC CELL ACTIVITY NUMBER:

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

Coordinator
S.P.I.T. Mumbai

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S.P.I.T. M.C.A. ACE COMMITTEE

REPORT ON

" ONLINE GUEST LECTURES ON ADVANCED NETWORKING "

- ACE COMMITTEE 2019-20 -

MASTER OF COMPUTER APPLICATIONS

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The ACE Committee 2019-20 organized an online guest lecture on 22/05/2020 on Advanced Networking. The guest lecturer Ms. Asha Katale, an S.P.I.T. alumni, were invited for the same.

Program outcomes:

PO5: Modern Tool Usage: Design, monitor, manage, test, control, evaluate an existing computer-based system, process, component or program and provide valid conclusions using software modeling, warehousing, mining and networking tools for application development.

PO7: Life-long Learning: Recognize the need for and an ability to engage in lifelong learning.

Ms. Asha Katale first introduced herself and her profile in S.P.I.T. She told the students about the internship she is currently pursuing. She started with how networking is used in industry for huge amount of networks. She demonstrated how networks can be connected in various forms and explained with examples

The lecture was concluded by thanking Ms. Asha Katale by thanking her for her time and knowledge.

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ACTIVITY REPORT 2019-20

DEPARTMENT/ COMMITTEE NAME: MCA / ACE Committee

IQAC ACTIVITY No:

NAME OF THE ACTIVITY: ROBOTIC PROCESS AUTOMATION GUEST LECTURE			
DATE	STUDENTS/TEACHER	DEPARTMENT/COMMITTEE	COORDINATOR NAME
21/1/2020	STUDENTS	MCA / ACE COMMITTEE	DR. POOJA RAUNDALE
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE: Outdoor/Indoor
11.15 AM TO 12.15 PM	ROOM NO. 401	50	INDOOR
SUPPORT/ASSISTANCE:	-		

BRIEF INFORMATION ABOUT THE ACTIVITY (CRITERION NO. -):

TOPIC/SUBJECT OF THE ACTIVITY	Guest lecture on Robotic Process Automation and tools
OBJECTIVES	To introduce students to what is RPA and how the technology is being used daily
METHODOLOGY	Talk by the speaker by explaining the terms
OUTCOMES	Students can now make RPA projects by learning what itself.

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

1. Notice & Letters	2. Student list of participation	3. Activity report	4. Photos (GEO TAG)	5. Feedback form
6. Feedback analysis	7. News clip with details	8. Certificate	9. Any other	10.

IQAC CELL:

IQAC CELL ACTIVITY NUMBER:

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)
Raundale		Raundale

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SARDAR PATEL INSTITUTE OF TECHNOLOGY IQAC

IQAC Co-ordinator S.P.I.T. Mumbai

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Photographs(Geotag) :

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S.P.I.T. M.C.A. ACE COMMITTEE

REPORT ON

"ROBOTIC PROCESS AUTOMATION GUEST LECTURE"

- ACE COMMITTEE 2019-20 -

MASTER OF COMPUTER APPLICATIONS

SARDAR PATEL INSTITUTE OF TECHNOLOGY

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The ACE Committee 2019-20 organized a guest lecture on 21/1/2020 on Robotics Process Automation (RPA). The guest lecturer Mr. Farukh Shaikh (Alumni of MCA Department Batch 2016-19), who is also an expertise in RPA was invited for the same.

Program outcomes:

PO5: Modern Tool Usage

PO7: Life-long Learning

Mr. Farukh Shaikh has acquired a Masters Certification in Robotics Process Automation which can be used in large scale implementation by companies. RPA is used to minimize manual tasks and can be done by Robots in daily lives. He also explained the three types viz. Task Bot, Meta Bot and EQ Bot along with their use cases. He also explained how anyone can start learning and implementing RPA with minimal coding knowledge as well. The Phases are as follows:

- **Discovery phases**

  Discover where RPA can be used and how.

- **Solution Design phase**

  Here a Process definition document is made based on the Discovery phase.

- **Development phase**

  The development of bot is started based on the Process definition document. If there are any mistakes in Process definition document the bot may lead to wrong outputs.

- **Execution / Implementation phase**

  The bot is executed and tested by various inputs. After successful execution and testing the bot can be implemented in real world for process automation.

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He also introduced tools where RPA can be developed.

- Automation Anywhere
- UIPath
- Blue Prism.

He explained the usage of an RPA bot for filling data in a PDF, searching data on a website and producing an Excel sheet for further analysis.

The lecture was ended by solving doubts of students. At the end Mr. Hadi Maredia (Chairperson of the ACE Committee) thanked Mr. Farukh Shaikh for his valuable insights.

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ACTIVITY REPORT 2019-20

DEPARTMENT/ COMMITTEE NAME: MCA / ACE Committee

IQAC ACTIVITY No:

NAME OF THE ACTIVITY: Guest Lecture on Cloud Computing			
DATE	STUDENTS/TEACHER	DEPARTMENT/COMMITTEE	COORDINATOR NAME
11/12/2109	Students	MCA / ACE Committee	Prof. Nikitha Mangaonkar
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE: Outdoor/Indoor
12.15 pm - 1.15 pm	Room no. 702	50	Indoor
SUPPORT/ASSISTANCE:	-		

BRIEF INFORMATION ABOUT THE ACTIVITY (CRITERION NO. -):

TOPIC/SUBJECT OF THE ACTIVITY	Guest Lecture on Cloud Computing
OBJECTIVES	To EDUCATE STUDENTS about CLOUD COMPUTING
METHODOLOGY	PowerPoint presentation and demonstration of services
OUTCOMES	Students were educated about cloud computing and Amazon cloud services.

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

1. Notice & Letters	2. Student list of participation	3. Activity report	4. Photos (GEO TAG)	5. Feedback form
6. Feedback analysis	7. News clip with details	8. Certificate	9. Any other	10.

IQAC CELL:

IQAC CELL ACTIVITY NUMBER:

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)

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The ACE Committee 2019-20 organized a Guest lecture on "CLOUD COMPUTING" for TY-MCA students. Prof. Rashmi Deshmukh from Computer engineering department was invited for the lecture.

She started with an introduction to cloud computing and its use. She explained about what services are provided by cloud computing.

She gave an example of Amazon Cloud Services and explained its architecture in detail.

The lecture was ended by thanking Prof. Rashmi Deshmukh for her time and efforts.

PO5:Modern Tool Usage: Design, monitor, manage, test, control, evaluate an existing computer-based system, process, component or program and provide valid conclusions using software modeling, warehousing, mining and networking tools for application development.
PO12:Innovation and Entrepreneurship: Create opportunity to produce successful Entrepreneur.

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Photos Geotag

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ACTIVITY REPORT 2019-20

DEPARTMENT/ COMMITTEE NAME: MCA / ACE Committee

IQAC ACTIVITY No:

NAME OF THE ACTIVITY: GUEST LECTURE ON MACHINE LEARNING			
DATE	STUDENTS/TEACHER	DEPARTMENT/COMMITTEE	COORDINATOR NAME
4/11/19	STUDENTS	MCA / ACE COMMITTEE	PROF.Pallavi Thakur
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE: Outdoor/Indoor
9 am - 10 am	ROOM NO. 701	55	INDOOR
SUPPORT/ASSISTANCE	-		

BRIEF INFORMATION ABOUT THE ACTIVITY (CRITERION NO. -):

TOPIC/SUBJECT OF THE ACTIVITY	Guest lecture on Data Analytics
OBJECTIVES	To educate and demonstrate implementation of algorithms in machine learning
METHODOLOGY	Powerpoint presentation and demonstration
OUTCOMES	Students got to know about new algorithms and how to implement them in various platforms

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

1. Notice & Letters	2. Student list of participation	3. Activity report	4. Photos (GEO TAG)	5. Feedback form
6. Feedback analysis	7. News clip with details	8. Certificate	9. Any other	10.

IQAC CELL:

IQAC CELL ACTIVITY NUMBER:

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)

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SARDAR PATEL INSTITUTE OF TECHNOLOGY IQAC

Co-ordinator S.P.I.T. Mumbai

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Internal Quality Assurance Cell

S.P.I.T. M.C.A.
ACE
COMMITTEE

REPORT ON

"Guest Lecture on DATA ANALYTICS"

- ACE COMMITTEE 2019-20 -

MASTER OF COMPUTER APPLICATIONS

SARDAR PATEL INSTITUTE OF TECHNOLOGY

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The ACE Committee 2019-20 organized a guest lecture on Data Analytics for TY-MCA students. Dr. Pritida Jani, from Computer Department of SPIT was the lecturer for Deep Learning.

Dr. Pritida Jani started with introduction of Data Analytics. She introduced the concept of modeling data. She covered topics like process of inspecting, cleansing, transforming and modeling data. Multiple facets and approaches, encompassing diverse techniques under a variety of names was explained.

The lecture was ended by thanking Dr. Pritida Jani for giving their time and efforts.

PO5:Modern Tool Usage: Design, monitor, manage, test, control, evaluate an existing computer-based system, process, component or program and provide valid conclusions using software modeling, warehousing, mining and networking tools for application development.

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PO5:Modern Tool Usage: Design, monitor, manage, test, control, evaluate an existing computer-based system, process, component or program and provide valid conclusions using software modeling, warehousing, mining and networking tools for application development.

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ACTIVITY REPORT 2019-20

DEPARTMENT/ COMMITTEE NAME: MCA / ACE Committee

IQAC ACTIVITY No:

NAME OF THE ACTIVITY: GUEST LECTURE ON MACHINE LEARNING			
DATE	STUDENTS/TEACHER	DEPARTMENT/COMMITTEE	COORDINATOR NAME
4/11/19	STUDENTS	MCA / ACE COMMITTEE	PROF. NITI DESAI
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE: Outdoor/Indoor
9 am - 10 am	ROOM NO. 701	55	INDOOR
SUPPORT/ASSISTANCE	-		

BRIEF INFORMATION ABOUT THE ACTIVITY (CRITERION NO. -):

TOPIC/SUBJECT OF THE ACTIVITY	Guest lecture on Machine Learning and Deep Learning
OBJECTIVES	To educate and demonstrate implementation of algorithms in machine learning
METHODOLOGY	Powerpoint presentation and demonstration
OUTCOMES	Students got to know about new algorithms and how to implement them in various platforms

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

1. Notice & Letters	2. Student list of participation	3. Activity report	4. Photos (GEO TAG)	5. Feedback form
6. Feedback analysis	7. News clip with details	8. Certificate	9. Any other	10.

IQAC CELL:

IQAC CELL ACTIVITY NUMBER:

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)
Desai		Gaundale

Dr Niti Desai

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REPORT ON

"Guest Lecture on DEEP LEARNING"

- ACE COMMITTEE 2019-20 -

MASTER OF COMPUTER APPLICATIONS

SARDAR PATEL INSTITUTE OF TECHNOLOGY

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

Bharatiya Vidya Bhavan's

Sardar Patel Institute of Technology

(Autonomous Institute Affiliated to University of Mumbai)

Internal Quality Assurance Cell

The ACE Committee 2019-20 organized a guest lecture on Deep Learning for TY-MCA students. Dr. Pritida Jani, from Computer Department of SPIT was the lecturer for Deep Learning.

Dr. Pritida Jani started with introduction of Deep Learning. She introduced the concept of Neural Networks. She covered topics like how Neural networks are used and where they are used. What are the models of deep learning and neural networks was explained.

The lecture was ended by thanking Dr. Pritida Jani for giving their time and efforts.

PO5:Modern Tool Usage: Design, monitor, manage, test, control, evaluate an existing computer-based system, process, component or program and provide valid conclusions using software modeling, warehousing, mining and networking tools for application development.

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ACTIVITY REPORT 2019-20

DEPARTMENT/ COMMITTEE NAME: MCA / ACE Committee

IQAC ACTIVITY No:

NAME OF THE ACTIVITY: Guest lecture on Laravel Framework			
DATE	STUDENTS/TEACHER	DEPARTMENT/COMMITTEE	COORDINATOR NAME
2/11/19	Students	MCA / ACE Committee	Prof. Rupesh Bhoir
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE: Outdoor/Indoor
11.15 am to 1 pm	Room No.403	60	Indoor
SUPPORT/ASSISTANCE:	-		

BRIEF INFORMATION ABOUT THE ACTIVITY (CRITERION NO. -):

TOPIC/SUBJECT OF THE ACTIVITY	Guest lecture on Laravel Framework
OBJECTIVES	To demonstrate Laravel Framework to students
METHODOLOGY	Students were demonstrated the various uses of Laravel Framework on machines and web servers.
OUTCOMES	Students were educated about how Laravel eases web development.

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

1. Notice & Letters	2. Student list of participation	3. Activity report	4. Photos (GEO TAG)	5. Feedback form
6. Feedback analysis	7. News clip with details	8. Certificate	9. Any other	10.

IQAC CELL:

IQAC CELL ACTIVITY NUMBER:

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)
Rupesh G. Bhoir		

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

SARDAR PATEL INSTITUTE OF TECHNOLOGY IQAC

Bharatiya Vidya Bhavan's

Sardar Patel Institute of Technology

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Internal Quality Assurance Cell

The ACE Committee 2019-20 conducted a Guest Lecture on Laravel Framework for the students of FYMCA 2019-20 under the guidance of Prof.Rupesh Bhoir.

Mr. Sachin Ghadgil an alumni of SPIT was the guest speaker for this session.

Sir introduced himself to students and started the lecture with installation of Laravel Framework. After installation he demonstrated the tool by simple programs and executed them.

He cleared the doubts of students about web development and Laravel Framework.He further talked to students about how companies work and about career opportunities.

The session was concluded by Prof. Rupesh Bhoir thanking Mr. Sachin Ghadgil for their time and efforts.

PO5:Modern Tool Usage: Design, monitor, manage, test, control, evaluate an existing computer-based system, process, component or program and provide valid conclusions using software modeling, warehousing, mining and networking tools for application development.

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BHARATIYA VIDYA BHAVAN'S

SARDAR PATEL INSTITUTE OF TECHNOLOGY

MUNSHI NAGAR, ANDHERI (WEST), MUMBAI – 400 058, India

(Autonomous Institute Affiliated to University of Mumbai)

MASTER OF COMPUTER APPLICATIONS

Workshop on Laravel by Mr. Sachin Gadgi

Attendance Sheet

Class: F.Y.MCA AY: 2019-20 Semester: I Month: Oct 2019 Subject: WT lab

Sr. No.	Name of students	Sign	Feedback Ratings: Low 1	2	Medium 3	4	High 5
	Date						
	Time						
1	AHER SAMARTH PRADEEP					✓	
2	BACHHE MANGESH SHADANAN		✓				
3	BADWE YASH JAYESH						
4	BHAGWAT RUSHIKESH GANGADHAR					✓	
5	BHALERAO SIDDHARTH PREMRAJ				✓		
6	BHATI DINKY PRAKASH					✓	
7	BHIWAPURKAR SHUBHAM NARENDRA						
8	BHUSARA ROHIT SHANTARAM	AB					
9	BISHT SHRISTI GHANENDRA					✓	
10	CHAUBEY SHIVAM RAMESH					✓	
11	DAHALE RAJAT TULSHIRAM					✓	
12	DANDVEKAR HARSHAD KISHOR	AB					
13	DEWOOLKAR NIKHIL NITIN					✓	
14	DUBEY SIMREN RAJESH					✓	
15	GANDHI KARAN KIRIT					✓	
16	GHOSH NEERAJ BISWAJIT				✓		
17	GUPTA ABHISHEK GIRIRAJPRASAD						
18	GURAV AMAR NANDKUMAR						✓
19	GURAV SIDDHESH SANJAY	AB					
20	JHA MANISH DILIP						
21	KAMBLE RASHMI MILIND				✓		
22	KAMBLE ROHIT DAMODAR						
23	KAMBOJ NANCY				✓		
24	KATARIYA PRATIK GYANCHAND					✓	
25	KHANDELWAL ATUL RAVI SHANKAR G.					✓	
26	KHANDELWAL JAY						
27	KHANOLKAR NEIL CHIDANAND						
28	LAKHANI ALI RAZA ZAHEER ASMA					✓	
29	MAJNEKAR ROHIT HARESH						
30	MANKAR PRATIK SURESH				✓		

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31	MARATHE YADAV JAYESH SITARAM				✓		
32	NAIK LEKHA MANGESH						✓
33	NAYAK SAHIL SAMIR				✓		
34	PAL KULDEEP GIRIJA						
35	PANDEY ANURAG PRAKASVEER						
36	PANDEY SHWETA					✓	
37	PARAB VISHAL SUHAS					✓	
38	PATIL NIRMIT SHAILESH					✓	
39	PATIL NISARG JAYANT					✓	
40	PATIL SAPTAK MOHAN					✓	
41	PATIL SUCHETA GANESH					✓	
42	PATWARDHAN NIMAD PRADEEP					✓	
43	PAWAR ONKAR BHASKAR				✓		
44	PAWAR SANKET JALINDAR				✓		
45	RAWAT DHIRAJ SINGH				✓		
46	SAH AYUSH GANGARAM				✓		
47	SANGWAN SUMIT RAJESH SINGH					✓	
48	SARVANKAR NIKHIL CHANDRAKANT					✓	
49	SATHE AJINKYA ANIL					✓	
50	SHANBHAG NISHIT PRABHAKAR		✓				
51	SHIKHARE CHINMAY CHANDRAKANT				✓		
52	SHINDE BALAJI AMBADAS						
53	SHINDE KETAKI CHANDRAKANT				✓		
54	SINGH AKASH BALWANT		✓				
55	SONEJI PRANAV DINESH				✓		
56	SUWALKA NIKHIL SHAILESH						
57	VANDO SARVAR FIROZ				✓		
58	VICHARE CHINMAY CHANDRASHEKHAR				✓		
59	VISAVE JAY DEEPAK						
60	YOGAONKAR ADVAIT NITIN				✓		

Name of Faculty with Signature:

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Andheri (W)
Mumbai-58.

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MASTER OF COMPUTER APPLICATION - S.P.I.T

Report

On

Guest Lecture

"Operating System Concepts"

Under

ACE Committee

MCA Department, Sardar Patel Institute of Technology

SARDAR PATEL INSTITUTE OF TECHNOLOGY
Andheri (W)
Mumbai-58.

Introduction

The Ace committee of MCA department had organized the guest lecture for first year students of MCA. The event was held under the guidance of Prof. Pallavi Thakur and was conducted by Prof. Sheetal Chaudhari of IT department, SPIT.
The lecture was on "Operating Systems Concepts" which is one of the important and core subjects of Computer Science and Information Technology.

The students gathered in class room 701 at Sardar Patel Institute of Technology, Andheri (w) to attend the guest lecture which was conducted during college hours.

- **Date of event :** 16th April, 2019
- **Time duration :** 2:00 pm
- **Venue: Classroom** 701, 7th floor.
- **Aim of the Event :** To enhance the knowledge of FYMCA students about concepts of operating systems and to provide an insight about the same.

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Details of the guest lecture

1. Gathering in the classroom

Students of FYMCA already have Operating Systems as a subject for their academics. They were excited to learn more about it. They gathered in class room 701 at 2.00 pm on 16 April 2019. **Prof. Pallavi Thakur** was also present for the seminar.

2.Welcoming Prog. Sheetal Chaudhari

The event started with the welcoming of Prof. Sheetal Chaudhari.

After the welcome note she introduced herself.

3.Beginning with introduction to OS

Prof. Sheetal Chaudhari started with introduction of **Operating Systems**. She knew that as students are already studying the subject, they must be knowing about the concepts of Operating Systems. But she wanted to explain her perspective of Operating Systems. She said that an operating system is system software that manages computer hardware and software resources and provides common services for computer programs. Time-sharing operating systems schedule tasks for efficient use of the system and may also include accounting software for cost allocation of processor time, mass storage, printing, and other resources.

4. Understanding types of Operating Systems

She explained following types of operating Systems and its functionality:

- Simple Batch System
- Multiprogramming Batch System
- Multiprocessor System
- Desktop System
- Distributed Operating System
- Clustered System
- Realtime Operating System
- Handheld System

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After explaining how the process is scheduled in each of the operating system and which scheduling algorithm is used for scheduling the process, Prof. Sheetal Chaudhari shared its applications with students.

5 .Services of Operating Systems

Prof. **Sheetal Chaudhari** began explaining the applications of Operating Systems.

Following services were listed by her

- Context Switching & Scheduling, which allocate a process CPU time to execute its instructions.
- Memory Management, which deals with allocating memory to processes.
- Inter-process Communication, which deals with facilities to allow concurrently running processes to communicate with each other.
- File Systems, which provide higher level files out of low level unstructured data on a disk.
- High level I/O facilities, which free a process from the low-level details of interrupt handling.

6. A small Q&A session

She asked students if they had any doubts about what She taught and solved each one of them very well. **Prof. Sheetal Chaudhari** was surprised to see many questions coming his way related to the seminar. This indicated that students actually liked the seminar taken by her. She also listed the questions asked during the interviews on Operating Systems

7. Thanksgiving

Prof. Pallavi Thakur thanked **Prof. Sheetal Chaudhari** with a small token of appreciation for giving some amount of his precious time and come to SPIT on her request and share the valuable knowledge.

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Photos from the event:

Prof. Sheetal Chaudhari addressing the students.

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Dr. Pooja Raundale
Professor & Head
MCA Department
Bharatiya Vidya Bhavan's
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Munshi Nagar, Andheri (W).
Mumbai - 400 058.

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MASTER OF COMPUTER APPLICATION - S.P.I.T.

Report

On

Guest Lecture

"Software Quality Management"

Under

ACE Committee

MCA Department, Sardar Patel Institute of Technology

SARDAR PATEL INSTITUTE OF TECHNOLOGY
Andheri (W)
Mumbai-58.

Introduction

ACE Committee decided to arranged a seminar 15th of April 2019.
It was a day chosen to learn something interesting about managing a software project. The event was held under the guidance of **Prof. Rupesh Bhoir**.

As first year students are currently learning Project Quaiity Management, this topic was of their interest. Keeping this desire in mind **Prof. Rupesh Bhoir** invited to share the valuable knowledge he has about Project Quality Management.

Students of first year MCA gathered in class 701 at Sardar Patel Institute of Technology, Andheri (w) to attend the seminar .The seminar was conducted on Wednesday from 2.00 pm to 4.00 pm.

- **Date of event :** 15th April, 2019
- **Time duration :** 2:00 pm
- **Venue: Classroom 701, 7th floor.**
- **Aim of the Event :** To enhance the knowledge of FYMCA students about concepts of project management and to provide an insight about the same.

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Details of the guest lecture

1. Gathering in the classroom

Students of FYMCA already have Software Project Management as a subject for their academics. They were excited to learn more about it. They gathered in class room 701 at 2.00 am on 11 April 2018 after having Lunch. **Prof. Rupesh Bhoir** was also present for the seminar.

2.Welcoming of the speaker

The speaker for the day was **Dr. Santosh Rane**. He is an associate professor in Mechanical Engineering department in Sardar Patel College of Engineering (SPCE). He has a good knowledge in Project Quality Management. **Prof. Rupesh Bhoir** introduced him to the whole class of FYMCA and the seminar started after that.

3.Beginning with introduction to Porject Quality Management

Dr. Santosh Rane started with introduction of **Project Quality Management**.
He knew that as students are already studying the subject, they must be knowing about the concept of Project management. But he wanted to explain his perspective of Project Quality Management.
He said that Modern quality management and project management are complementary. They both emphasize customer satisfaction and the underlying belief that quality leads to customer satisfaction.

The main objective in quality management is making sure that the project meets the needs it was originally created to meet—nothing more, nothing less. In other words, to ensure quality, you must meet the needs of the stakeholder.

4. An answer to how to manage quality

He covered following processes under Project Quality Management:

1. Plan quality management: Identifying the quality requirements and standards for the project and product.

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Details of the guest lecture

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1. Plan quality management: identifying the quality requirements and standards for the project and product.

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2. Perform quality assurance: auditing the quality requirements and quality control results to ensure appropriate quality standards are used.

3. Control quality: monitoring and recording the results of quality activities to assess performance and recommend necessary changes.

5. A small Q&A session

Dr. Santosh Rane was surprised to see many questions coming his way related to the seminar. This indicated that students actually liked the seminar taken by him. He also listed the questions asked during the interviews on Project Quality Management.

6. Thanksgiving

Prof. Rupesh Bhoir thanked **Dr. Santosh Rane** with a small token of appreciation for giving some amount of his precious time and come to SPIT on his request and share the valuable knowledge.

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Photos from the event:

Dr. Santosh Rane addressing the students.

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Dr. Pooja Raundale
Professor & Head
MCA Department
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MASTER OF COMPUTER APPLICATION - S.P.I.T.

Report

On

Guest Lecture

"Machine Learning"

Under

ACE Committee

MCA Department, Sardar Patel Institute of Technology

SARDAR PATEL INSTITUTE OF TECHNOLOGY
Andheri (W)
Mumbai-58.

Introduction

The Ace committee of MCA department had organized the guest lecture for second year students of MCA. The event was held under the guidance of Prof. Aarti Karande and was conduced by Mr. Osama Iqbal who is working as a Software Engineer.
The lecture was on "Machine Learning" which is currently one of the most trending technologies.
The students gathered in class room no. 401 at Sardar Patel Institute of Technology, Andheri (w) to attend the guest lecture which was conducted during college hours.

- **Date of event :** February 28, 2019
- **Time duration :** 9:00 am to 11.15 am
- **Venue: Class Room** 401, 4th floor.
- **Aim of the Event :** To enhance the knowledge of SYMCA as well as FYMCA students about machine learning and to provide an insight about the same.

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etails of the guest lecture

1. Gathering in the classroom

The lecture started by sharp 9:00 am after the students of second year and first year MCA assembled in class 401. Prof. Aarti Karande accompanied Mr. Osama Iqbal, the lecturer for the day

2.Welcoming Mr. Osama Iqbal

The event started with the welcoming of Mr. Osama Iqbal by the ACE committee.
After the welcome note he introduced himself.

3.Beginning with introduction to machine learning

Mr. Osama Iqbal started with the introduction of machine learning. He explained the various features of ML.

Machine learning is an application of artificial intelligence (AI) that provides systems the ability to automatically learn and improve from experience without being explicitly programmed. Machine learning focuses on the development of computer programs that can access data and use it learn for themselves.

The process of learning begins with observations or data, such as examples, direct experience, or instruction, in order to look for patterns in data and make better decisions in the future based on the examples that we provide. The primary aim is to allow the computers learn automatically without human intervention or assistance and adjust actions accordingly.

4. Brief explanation about ML

As the above terms were new for the students, he started elaborating each term in detail. The lecture was interesting and understandable as he was giving detail knowledge about these terms and how they are used. He also gave examples of real life applications where machine learning is used.

Arthur Samuel, a pioneer in the field of artificial intelligence and computer gaming, coined the term "Machine Learning". He defined machine learning as – "Field of study that

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gives computers the capability to learn without being explicitly programmed".
In a very layman manner, Machine Learning(ML) can be explained as automating and improving the learning process of computers based on their experiences without being actually programmed i.e. without any human assistance. The process starts with feeding good quality data and then training our machines(computers) by building machine learning models using the data and different algorithms. The choice of algorithms depends on what type of data do we have and what kind of task we are trying to automate.

5. A small talk on placement processes.

Mr. Osama Iqbal also took out time to address the major concern of every student, the placements.
He shared him own placement story and the how various projects and other assignments he undertook during his college days helped him to get in the dream company.
He gave us a detailed idea about the scope of spring framework in the current market and various other technologies that will be helpful and advantageous if mastered.

6. A quick Q&A session

He asked students if they had any doubts about what he taught and solved each one of them efficiently.

7. Thanksgiving

Prof. Aarti Karande thanked Mr. Osama Iqbal on behalf of the class for the efforts taken by him to contribute in enhancing knowledge of the students about this new technology.

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Photos from the event:

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Machine Learning (Osama Ekbal)

UID	Name	Rating (Low 1-5 High)	Feedback
2017450001	Bargal Rohan Bhagwan	4	Good
2017450003	Chhajed DevangVipin	4	VG
2017450004	Chikhalia Tatyeeba	4	VG
2017450005	Desai Pranay Nimesh	5	~~Good~~ GG WP
2017450006	Devadiga Pradnya	5	thorough knowledge of ML
2017450008	Gaddam Vinay Shankar		
2017450009	Garg Nipun Balkishan	5	V. Good
2017450010	Garhwal Mayur S	5	VVG
2017450013	Jain Daksh Rajesh	5	V. Good
2017450014	Kadu Mohan Jayram	4	VG
2017450015	Kakade Swapnali Suresh	4	VG
2017450016	Kamble Bhogendra	5	Excellent
2017450017	Katale Asha Arun	5	Very much Interesting and Infomative
2017450018	Kazi Atif Faridali	5	Exceptional
2017450019	Khandke Vaibhav Kishor	5	Excellent
2017450020	Khedkar Vishal Devidas	5	very Good
2017450021	Koyande Sourabh	4	G
2017450022	Kumbhare Pratik Ashok	5	VG
2017450023	Lobo James Nicholus	4	G
2017450024	Maheshwari Mrinal	5	VG
2017450025	Mandloi Vinod Devram	5	
2017450027	Mapari Vinit Prakash		
2017450028	Mistry Shreyas Vasant	4	VG Excellent - GHWP
2017450029	Musham Vijay Nagesh	5	Very useful in future
2017450030	Naringrekar Pranav	4	VG

MASTER OF COMPUTER APPLICATION - S.P.I.T.

ACE

Report

On

Guest Lecture

"Data Structures"

Under

ACE Committee

MCA Department, Sardar Patel Institute of Technology

SARDAR PATEL INSTITUTE OF TECHNOLOGY
Andheri (W)
Mumbai-58.

Introduction

The Ace committee of MCA department had organized an guest lecture for first year students of SPIT.
The lecture was held under the guidance of Prof. Harshil Kanakia and was conducted by Prof. Anand Godbole from CSE Department, Sardar Patel Institute Of Technology(S.P.I.T)
The lecture was on Data Structures which is the basis of all programming concept and very vital from the placements point of view. Therefore, Prof. Harshil Kanakia made sure to conduct such a guest lecture in order to make the students understand the core concepts of Data structures.
The students gathered in class room 701 at Sardar Patel Institute of Technology, Andheri (w) to attend the guest lecture which was conducted during college hours.

- **Date of lecture** : 26th February 2019
- **Time duration :** 08.00 am to 10.00 am
- **Venue: Classroom:** 701
- **Aim of the guest lecture :** To enhance the knowledge of FYMCA students about Data Structures and to provide an insight about its application.

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Details of the guest lecture

1. Gathering in the classroom

The students of SPIT assembled in class 701 at sharp 8 am. Prof. Harshil Kanakia accompanied Prof. Anand Godbole, the lecturer for the day.

2. Introduction to Data Structures

Prof. Anand Godbole started with the introduction of Data Structures. He explained it in very simple terms so that the students get a better understanding about it. Data Structure is a way to store and organize data so that it can be used efficiently. Our Data Structure tutorial includes all topics of Data Structure such as Array, Pointer, Structure, Linked List, Stack, Queue, Graph, Searching, Sorting, Programs, etc.

He further explained data structures as the group of data elements which provides an efficient way of storing and organising data in the computer so that it can be used efficiently. Some examples of Data Structures are arrays, Linked List, Stack, Queue, etc. Data Structures are widely used in almost every aspect of Computer Science i.e. Operating System, Compiler Design, Artificial intelligence, Graphics and many more. Data Structures are the main part of many computer science algorithms as they enable the programmers to handle the data in an efficient way. It plays a vital role in enhancing the performance of a software or a program as the main function of the software is to store and retrieve the user's data as fast as possible.

He explained the need for data structures and why is it so widely used. As the size and complexity of the programs increase they need to tackle the problems such as processing speed, smooth searching of data and multiple request handling. All this can be handled effectively with the use of data structures.

3. Practical demonstration of Data Structures

Prof. Anand Godbole gave a practical application of data structures by solving the Joseph's problem using queue. He explained the Joseph's problem as, there are n people standing in a circle waiting to be executed. The counting out begins at some point in the circle and proceeds around the circle in a fixed direction. In each step, a certain number of people are skipped and the next person is executed. The elimination proceeds around the circle (which is becoming smaller and smaller as the executed people are removed), until only the last person remains,

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who is given freedom. Given the total number of persons n and a number m which indicates that m-1 persons are skipped and m-th person is killed in circle. The task is to choose the place in the initial circle so that you are the last one remaining and so survive.

He further gave a detailed solution to the problem and demonstrated how data structures efficiently gives solutions to complex problems.

4. Types of Data Structures:

He explained the types various types if data structures in detail:

Primitive Data Structures: These are the structures which are supported at the machine level, they can be used to make non-primitive data structures. These are integral and are pure in form. They have predefined behavior and specifications.

Examples: Integer, float, character, pointers.

The pointers, however don't hold a data value, instead, they hold memory addresses of the data values. These are also called the reference data types.

Non-primitive Data Structures: The non-primitive data structures cannot be performed without the primitive data structures. Although, they too are provided by the system itself yet they are derived data structures and cannot be formed without using the primitive data structures.

The Non-primitive data structures are further divided into the following categories:

1. Arrays:
Arrays are a homogeneous and contiguous collection of same data types. They have a static memory allocation technique, which means, if memory space is allocated for once, it cannot be changed during runtime. The arrays are used to implement vectors, matrices and also other data structures. If we do not know the memory to be allocated in advance then array can lead to wastage of memory. Also, insertions and deletions are complex in arrays since elements are stored in consecutive memory allocations.

2. Files :
A file is a collection of records. The file data structure is primarily used for managing large amounts of data which is not in the primary storage of the system. The files help us to process, manage, access and retrieve or basically work with such data, easily.

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Lists:
The lists support dynamic memory allocation. The memory space allocated, can be changed at run time also. The lists are of two types:

a) Linear Lists:
The linear lists are those which have the elements stored in a sequential order. The insertions and deletions are easier in the lists. They are divided into two types:

- Stacks: The stack follows a "LIFO" technique for storing and retrieving elements. The element which is stored at the end will be the first one to be retrieved from the stack. The stack has the following primary functions:
    - Push(): To insert an element in the stack.
    - Pop(): To remove an element from the stack.
- Queues: The queues follow "FIFO" mechanism for storing and retrieving elements. The elements which are stored first into the queue will only be the first elements to be removed out from the queue. The "ENQUEUE" operation is used to insert an element into the queue whereas the "DEQUEUE" operation is used to remove an element from the queue.

b) Non Linear Lists:
The non linear lists do not have elements stored in a certain manner. These are:

- Graphs: The Graph data structure is used to represent a network. It comprises of vertices and edges (to connect the vertices). The graphs are very useful when it comes to study a network.
- **Trees:** Tree data structure comprises of nodes connected in a particular arrangement and they (particularly binary trees) make search operations on the data items easy. The tree data structures consists of a root node which is further divided into various child nodes and so on. The number of levels of the tree is also called height of the tree.

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Andheri (W)
Mumbai-58.

Lists:
The lists support dynamic memory allocation. The memory space allocated, can be changed at run time also. The lists are of two types:

a) Linear Lists:
The linear lists are those which have the elements stored in a sequential order. The insertions and deletions are easier in the lists. They are divided into two types:

- Stacks: The stack follows a "LIFO" technique for storing and retrieving elements. The element which is stored at the end will be the first one to be retrieved from the stack. The stack has the following primary functions:
    - Push(): To insert an element in the stack.
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- Queues: The queues follow "FIFO" mechanism for storing and retrieving elements. The elements which are stored first into the queue will only be the first elements to be removed out from the queue. The "ENQUEUE" operation is used to insert an element into the queue whereas the "DEQUEUE" operation is used to remove an element from the queue.

b) Non Linear Lists:
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- Graphs: The Graph data structure is used to represent a network. It comprises of vertices and edges (to connect the vertices). The graphs are very useful when it comes to study a network.
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5. Photos from the guest lecture:

Prof. Anand Godbole explaining the Joseph's problem to the students.

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Data Structures Expert Lecture.
26/02/2019.

BHARATIYA VIDYA BHAVAN'S
SARDAR PATEL INSTITUTE OF TECHNOLOGY
MUNSHI NAGAR, ANDHERI (WEST), MUMBAI – 400 058.
(Autonomous College Affiliated to University of Mumbai)
MASTER OF COMPUTER APPLICATIONS

Class:FYM.C.A | Academic Year :2018-19 | Semester : II | Month : | Subject :

RollNo	FullName				
	Date		Feedback		
	Time	8-9am	(Low 1 - 5 High)		
2018450001	/NISHITA AISHWARYA		5		
2018450002	ANSARI HAMMAD SHAHID ANWAR		5		
2018450003	/AREKAR MAULIKA SURESH		5		
2018450004	/BANDAGALE DIKSHA RAVINDRA		5		
2018450005	/BARVE RIYA SACHIN		5		
2018450006	BHABAL DATTATRAYA VILAS		—		
2018450007	BODKHE DEVENDRA DIGAMBAR		4		
2018450008	CHAUGHULE SIDDHESH SHASHIKANT		5		
2018450009	/CHAUHAN PREETI MUKESH		5		
2018450010	CHAVAN VAIBHAV RAMESH		—		
2018450011	/DATE ANURADHA SANDEEP		4		
2018450012	DESALE PURVESH MAHENDRA		5		
2018450013	/DHUMAL PREETI PRAKASH		5		
2018450014	DUBEY AVINASH SHASHI KANT		5		
2018450015	FRANK ANTHONY		4.8		
2018450016	GARJE SATISH BALU		5		
2018450017	GUPTA MRIDUL PRADEEP		4		
2018450018	/HATKAR DIVYA AJIT		—		
2018450019	HIRE PRATHAMESH ANANDA		4		
2018450020	/JADHAV KAJAL KIRAN		5		
2018450021	JAIN RISHABH MAHENDRA KUMAR		5		
2018450022	KADER BAZID ABDUL MOHIUDDIN		4.0		
2018450023	KALAMBE AKSHAY PRABHUDAS		5		
2018450024	/KAMBLE SAYALI CHANDRAKANT		5		
2018450025	KAMBLE SWAPNIL BHAIRU		5		
2018450026	/KHATAL NILAM APPA		5		
2018450027	KULKARNI SARVESH GURUNATH		5		
2018450028	KUMAR SWAPNIL	Kumar Swapnil	5		

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2018450029	/MALIK ASMA ABDULLAH		5		
2018450030	MAREDIA HADI SHAKIR		4		
2018450031	MHATRE AKASH PANDURANG		1		
2018450032	MORE SWAPNIL SANJAY		5		
2018450033	MORWEKAR PRADNYOT NAGESH		—		
2018450034	OJHA SUYASH SANTOSH		4		
2018450035	OTHNIEL ALEXANDER		4		
2018450036	PAI RAHUL SATYANATH		5		
2018450037	/PATIL POOJA NILKANTH		4		
2018450038	PAWAR PRATIK VISHNU		4		
2018450039	PEDNEKAR HIMANSHU SAJJAN		5		
2018450040	/RANE NEHA ASHOK		4		
2018450041	RANE SHARDUL PRAMOD		5		
2018450042	RAUT AYUSH ANIL		—		
2018450043	/SALVE SRUSHTI SANJAY		—		
2018450044	SAWALE AKASH MINANATH		5		
2018450045	SHAH KUMAR NILESH		5		
2018450046	SHAH SHAILIN NIKUL		5		
2018450047	/SHAIKH MANTASHA ZAKIR		5		
2018450048	SHARMA AKSHAT YOGESH		5		
2018450049	SHEKHAR HIMANSHU PURNENDU		5		
2018450050	/SHELKE TANVI ANAND		5		
2018450051	SINGH PRASHANT DEVENDER KUMAR		4		
2018450052	TELPANDE ADITYA SUDHIR		5		
2018450053	TENDOLKAR SHAILESH VITTHAL		5		
2018450054	THOSAR CHETAN VASANT		5		
2018450055	TIWARI SHUBHAM PRADEEP		5		
2018450056	VAISH ABHISHEK BANWARILAL		5		
2018450057	VIVEK VENKATESH		5		
2018450058	WADEKAR OMKAR RAVINDRA		—		
2018450059	/WALKE PRASHIKA AMRENDRA		5		
2018450060	YADAV CHAITANYA SANJAY		—		

Signature of Faculty in Charge :

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

Head of Department:

MASTER OF COMPUTER APPLICATION - S.P.I.T.

Report

On

Guest Lecture

"Blockchain - Cryptocurrency"

Under

ACE Committee

MCA Department, Sardar Patel Institute of Technology

SARDAR PATEL INSTITUTE OF TECHNOLOGY
Andheri (W)
Mumbai-58.

Introduction

The Ace committee of MCA department had organized a seminar for first & second year students of MCA. The event was conducted by Mr. Yash Dahenkar who is the Co-founder of Bitgenie. The lecture was on "Blockchain - Cryptocurrency".

The students gathered in Room No. 105 at Sardar Patel Institute of Technology, Andheri (W) to attend the seminar.

- **Date of event :** February 23 2019
- **Time duration :** 10 am to 2 pm
- **Venue:** Room 105, 1st floor.
- **Aim of the Event :** To enhance the knowledge of MCA students about cryptocurrency & various career opportunities in this field.

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Andheri (W)
Mumbai-58.

Details of the guest lecture

1.Gathering in the Room

The first & second year MCA students assembled in Room 105 for the seminar at 10 am.
All students welcomed Mr.Yash Dahenkar with a big round of applause.

2. Welcoming Mr. Yash Dahenkar

The event started with the welcoming of Mr. Yash Dahenkar by the ACE Committee member.

After.the welcome note he introduced himself and gave students few insights about his current working profile.

3. Beginning with introduction

Mr. Yash Dahenkar started with the introduction to Web 2.0.
Further he discussed about Web 3.0 , The New Internet & gave a thorough explanation of Horizontal and Vertical Innovation

4. Brief explanation about Blockchain

Mr. Yash Dahenkar gave details about what exactly is blockchain

- How does Blockchain work
- What are the different consensus mechanisms
- Benefits of using blockchain

He also discussed about the three generations of blockchains -

A. First generation - Bitcoin Blockchain
   He explained what is Bitcoin & how exactly it works
B. Second generation - Ethereum Blockchain
   He also explained what are Smart Contracts, Solidity & gave a good comparison between Bitcoin and Ethereum
C. Third generation
   He discussed about IOTA & Cardano

He also gave a detail description of how & where this blockchains are implemented.

5. Hands on activity

Mr. Yash Dahenkar gave students 2 activities to be performed namely -
Activity 1: Blockchain Demo.

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- Students explored how blocks are created & linked with each other.
- The hash code according to the text entered
- The unique Nonce for each block.

Activity 2: Explore Live Bitcoin Blockchain.

- To explore the current status.

6. A quick Q&A session

Mr. Yash Dahenkar asked students if they had any doubts about what he explained and solved each of the doubt. It was a very useful session for all students and the clarification of doubts helped everyone in a great way in understanding the concepts more clearly.

7. Thanksgiving

The ACE Committee member thanked Mr. Yash Dahenkar on behalf of the entire class for the efforts taken by him to contribute in enhancing knowledge of the students about Blockchain & Cryptocurrency.

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Mr. Yash interacting with the students.

Students engrossed in the lecture

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Thank you note by the Ace Committee

Dr. Pooja Raundale
Professor & Head
MCA Department
Bharatiya Vidya Bhavan's
Sardar Patel Institute of Technology
Munshi Nagar, Andheri (W),
Mumbai - 400 058.

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Andheri (W)
Mumbai-58.

UID	Name		Year	Sign	Rating (Low 1-5 High)	Feedback
2017450029	Vijay	Musham	S.Y. M.C.A			
2017450030	Pranav	Naringrekar	S.Y. M.C.A			
2017450033	Aakash	Niwane	S.Y. M.C.A			
2017450037	NIDHI	PATEL	S.Y. M.C.A			
2017450038	Puneet	Pichholia	S.Y. M.C.A			
2017450039	Aditya	Pol	S.Y. M.C.A			
2017450042	Shraddha	Raut	S.Y. M.C.A		3	Too long & little content.
2017450043	Gaurav	Ravat	S.Y. M.C.A		4.	
2017450044	Omkar	Raykar	S.Y. M.C.A		4	Informative but need more info.
2017450045	Saari	Rajan	S.Y. M.C.A		3	Informative but slow delivery
2017450046	Deepesh	Sanadhya	S.Y. M.C.A		4	
2017450047	Pranil	Satane	S.Y. M.C.A		5	NPU
2017450048	Dhaval	Save	S.Y. M.C.A			
2017450049	Aftab	Sheikh	S.Y. M.C.A		4	It can be in more structured.
2017450051	Anjali	shinde	S.Y. M.C.A		5	More detailed explanation needed.
2017450052	Nishant	Sikri	S.Y. M.C.A			
2017450053	Devender	Singh	S.Y. M.C.A			
2017450054	Vishal	Singh	S.Y. M.C.A		5	
2017450055	Priyanka	Tikar	S.Y. M.C.A		3.	Not quite
2017450056	Ashlesha	Torne	S.Y. M.C.A			
2017450057	Sagar	Vanave	S.Y. M.C.A			
2017450060	Akshay	Zade	S.Y. M.C.A		5	awesome
~~2016450012~~	~~Vijay~~	~~D'SOUZA~~	~~S.Y.M.C.A~~		4	Informative

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Blockchain - 23/02/19 (ACE Committee)

UID	Name		Year	Sign	Rating (Low 1-5 High)	Feedback
2018450006	Dattatraya	Bhabal	F.Y. M.C.A			
2018450007	Devendra	Bodkhe	F.Y. M.C.A			
2018450010	Vaibhav	Chavan	F.Y. M.C.A			
2018450012	Purvesh	Desale	F.Y. M.C.A			
2018450022	Bazid	Kader	F.Y. M.C.A			
2018450039	Himanshu	Pednekar	F.Y. M.C.A			
2018450050	Tanvi	Shelke	F.Y. M.C.A		4	
2018450051	PRASHANT	SINGH	F.Y. M.C.A			
2015110008	Manasvi	G.	B.E.E.T.R.X			
2016450012	VIJAY	DSOUZA	S.Y. M.C.A		3	Content should've been organized properly
2017450003	Devang	Chhajed	S.Y. M.C.A		3	
2017450004	Taiyeeba	Chikhalia	S.Y. M.C.A		3	
2017450005	Pranay	Desai	S.Y. M.C.A		4	
2017450008	Vinay	Gaddam	S.Y. M.C.A			
2017450009	Nipun	Garg	S.Y. M.C.A		4	Things could be fastened up a little
2017450013	Daksh	Jain	S.Y. M.C.A		5	
2017450017	Asha	Katale	S.Y. M.C.A			
2017450021	Sourabh	Koyande	S.Y. M.C.A		3	The Seminar Could be better if Explain on topics IOTA from Start. & examp and make it more interesting
2017450022	Pratik	Kumbhare	S.Y. M.C.A		5	Good
2017450025	Vinod	Mandloi	S.Y. M.C.A		4	
2017450027	Vinit	Mapari	S.Y. M.C.A		4	Explanation is good. Add some Stories
2017450028	shreyas	mistry	S.Y. M.C.A		5	Good

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58

MASTER OF COMPUTER APPLICATION - S.P.I.T.

ACE

Report

On

Guest Lecture

"Design and Analysis of Algorithm"

Under

ACE Committee

MCA Department, Sardar Patel Institute of Technology

SARDAR PATEL INSTITUTE OF TECHNOLOGY
Andheri (W)
Mumbai-58.

Introduction

The Ace committee of MCA department had organized a guest lecture for the second year students of MCA. The event was held under the guidance of Dr. Pooja Raundale and was conducted by Prof. Prasenjit Bhavathankar. He is one of the experienced faculty of CSE Department, SPIT.

The lecture was on "Design and Analysis of Algorithm" which is currently one of the most basis of efficient programming.

The students of second year gathered in class room 401 at Sardar Patel Institute of Technology, Andheri (W) to attend the guest lecture which was conducted during college hours.

- **Date of event :** 22nd February, 2019
- **Time duration :** 2.00 pm to 3.00 pm
- **Venue: Classroom** 401, 4th floor.
- **Aim of the Event :** To enhance the knowledge of second year MCA students about the importance and application of Design and analysis of algorithm

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Details of the guest lecture

1. Gathering in the classroom

The students of second year MCA assembled in class 401. A member of the ACE Committee accompanied Mr. Prof. Prasenjit Bhavathankar, lecturer for the day.

2.Welcoming Prof. Prasenjit Bhavathankar.

The event started with the welcoming of Prof. Prasenjit Bhavathankar.

After the welcome note he introduced herself.

3.Beginning with introduction to DAA (Design and Analysis of Algorithm)

Prof. Prasenjit Bhavathankar started off with the introduction of DAA by explaining that an Algorithm is a sequence of steps to solve a problem. Design and Analysis of Algorithm is very important for designing algorithm to solve different types of problems in the branch of computer science and information technology. He explained the various techniques to understand and identify the efficiency and performance of an algorithm. An algorithm is the best way to represent the solution of a particular problem in a very simple and efficient way. If we have an algorithm for a specific problem, then we can implement it in any programming language, meaning that the algorithm is independent from any programming languages.

The important aspects of algorithm design include creating an efficient algorithm to solve a problem in an efficient way using minimum time and space.
To solve a problem, different approaches can be followed. Some of them can be efficient with respect to time consumption, whereas other approaches may be memory efficient. However, one has to keep in mind that both time consumption and memory usage cannot be optimized simultaneously. If we require an algorithm to run in lesser time, we have to invest in more memory and if we require an algorithm to run with lesser memory, we need to have more time.

Algorithm analysis is an important part of computational complexity theory, which provides theoretical estimation for the required resources of an algorithm to solve a specific computational problem. Most algorithms are designed to work with inputs of arbitrary length. Analysis of algorithms is the determination of the amount of time and space resources required to execute it.

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Andheri (W)
Mumbai-58.

Usually, the efficiency or running time of an algorithm is stated as a function relating the input length to the number of steps, known as time complexity, or volume of memory, known as space complexity.

4. Brief explanation about few concepts of DAA:

In order to gain some practical knowledge on the subject professor also explained few algorithms in details.

Krushal's Algorithm:

Kruskal's algorithm is a minimum-spanning-tree algorithm which finds an edge of the least possible weight that connects any two trees in the forest. It is a greedy algorithm in graph theory as it finds a minimum spanning tree for a connected weighted graph adding increasing cost arcs at each step.

Given a connected and undirected graph, a spanning tree of that graph is a subgraph that is a tree and connects all the vertices together. A single graph can have many different spanning trees. A minimum spanning tree (MST) or minimum weight spanning tree for a weighted, connected and undirected graph is a spanning tree with weight less than or equal to the weight of every other spanning tree. The weight of a spanning tree is the sum of weights given to each edge of the spanning tree.

How many edges does a minimum spanning tree has?

A minimum spanning tree has (V – 1) edges where V is the number of vertices in the given graph.

Below are the steps for finding MST using Kruskal's algorithm

1. Sort all the edges in non-decreasing order of their weight.

2. Pick the smallest edge. Check if it forms a cycle with the spanning tree formed so far. If cycle is not formed, include this edge. Else, discard it.

3. Repeat step#2 until there are (V-1) edges in the spanning tree.

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5. A small Q&A session

At the end of the session students asked their doubt to the professor which was very well explained by him in detail. The Q&A session lasted for almost 20 minutes with students coming up with some really interesting and important queries. Professor elaborated each of the topic students had doubts in, ensuing that everyone understood it.

6. Thanksgiving

Vice Chairperson of the ACE Committee thanked Prof. Prasenjit Bhavathankar on behalf of the class for the efforts taken by his to contribute in enhancing knowledge of the students about this new technology.

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7. Photos from the event:

Prof. Prasenjit Bhavathankar addressing the students.

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Professor explaining the concepts of DAA to the students

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Mumbai-58.

DAA Guest Lecture (Dr. Prasenjit Bhatwankar)

UID	Name	Rating (Low 1-5 High)	Feedback
2017450001	Bargal Rohan Bhagwan	5	very Good
2017450003	Chhajed DevangVipin	4	VG
2017450004	Chikhalia Taiyeeba	4	VG
2017450005	Desai Pranay Nimesh	4	VG
2017450006	Devadiga Pradnya	5	good delivery of Topic
2017450008	Gaddam Vinay Shankar	5	VG
2017450009	Garg Nipun Balkishan	3	k-k
2017450010	Garhwal Mayur S	5	VVG
2017450013	Jain Daksh Rajesh	4	OK
2017450014	Kadu Mohan Jayram	5	VG
2017450015	Kakade Swapnali Suresh	4	VG
2017450016	Kamble Bhogendra	4	OK
2017450017	Katale Asha Arun	4	Good at concepts
2017450018	Kazi Atif Faridali	5	VG
2017450019	Khandke Vaibhav Kishor	5	VG
2017450020	Khedkar Vishal Devidas	4	Excellent
2017450021	Koyande Sourabh	4	G
2017450022	Kumbhare Pratik Ashok	5	VG
2017450023	Lobo James Nicholus	4	G
2017450024	Maheshwari Mrinal	5	VG
2017450025	Mandloi Vinod Devram	5	
2017450027	Mapari Vinit Prakash		-
2017450028	Mistry Shreyas Vasant	3	
2017450029	Musham Vijay Nagesh	3	okay Mrinal
2017450030	Naringrekar Pranav	4	VG

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UID	Name	Rating (Low 1-5 High)	Feedback
2017450031	Narkhede Anurag Sanjay	5	VG
2017450033	Niwane Aakash Dinesh	4	good
2017450034	Panicker Shweta Suresh		
2017450037	Patel Nidhi Balubhai	4	VG
2017450038	Pichholia Puneet Basant	4	Good
2017450039	Pol Aditya Shridhar		
2017450040	Rajwade Hrishikesh	4	
2017450041	Rathi Shyamkumar	4	V.G
2017450042	Raut Shraddha Prasad	4	It was really good.
2017450043	Ravat Gaurav	5	VG
2017450044	Raykar Omkar Ravindra		
2017450045	Saari Rajan	4	good.
2017450046	Sanadhya Deepesh		
2017450047	Satane Pranil Dinesh		
2017450048	Save Dhaval Ravindra		
2017450049	Sheikh Aftab Noor	5	Very Interesting
2017450050	Shinde Akash Nilesh	3	It was bit boring
2017450051	Shinde Anjali Ram	3	good
2017450052	Sikri Nishant Satya	4	Good
2017450053	Singh Devender Sardul	5	Very Amazing explanation.
2017450054	Singh Vishal	2	No means No
2017450055	Tikar Priyanka Dilip	5	Very good
2017450056	Torne Ashlesha Vinod		
2017450057	Vanave Sagar Shahadev	2	average
2017450058	Vas Allan Vitas	4	good
2017450060	Zade Akshay Nitin	4	Good
2016450030	Mourya JagdishPrasad		
2016450026	Labde Nikhil Anil		
2016450060	Yadav Sachchidanand	5	V-good
2016450012	Vijay Clinton Dsouza	4	VG

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S-P-I-T | MCA

ACE

Report

On

Guest Lecture

"Genetic Algorithm"

Under

ACE Committee

MCA Department, Sardar Patel Institute of Technology

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

Introduction

The Ace committee of MCA department had organized a guest lecture for third year students of MCA. The event was held under the guidance of Prof. Pallavi Thakur and was conducted by Dr. Preetida Jani. She is one of the experienced and senior faculty of Department Of Electronics and Telecommunication, SPIT.

The lecture was on "Genetic Algorithm" which is currently one of the most trending technologies.

The students of TYMCA gathered in class room 401 at Sardar Patel Institute of Technology, Andheri (W) to attend the guest lecture which was conducted during college hours.

- **Date of event :** 30th October 2018
- **Time duration :** 12.00 pm to 1.00 pm
- **Venue: Classroom** 401, 4th floor.
- **Aim of the Event :** To enhance the knowledge of TYMCA students about Genetic Algorithm and it's application.

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

Details of the guest lecture

1. Gathering in the classroom

The students of third year MCA assembled in class 401. Prof. Pallavi Thakur accompanied Mr. Dr. Preetida Jani, lecturer for the day.

2.Welcoming Dr. Preetida Jani.

The event started with the welcoming of Dr. Preetida Jani.

After the welcome note she introduced herself.

3.Beginning with introduction to Genetic Algorithm

Dr. Preetida Jani started off with the introduction of genetic algorithm, giving students an overview of what genetic algorithm is concerned with and why is it treading and applicable to the current industrial and research needs.

She explained that **genetic algorithm** is a search heuristic that is inspired by Charles Darwin's theory of natural evolution. This algorithm reflects the process of natural selection where the fittest individuals are selected for reproduction in order to produce offspring of the next generation.

4. Brief explanation about genetic Algorithm

She further explained Genetic Algorithms (GAs) are adaptive heuristic search algorithm based on the evolutionary ideas of natural selection and genetics. As such they represent an intelligent exploitation of a random search used to solve optimization problems. Although randomised, GAs are by no means random, instead they exploit historical information to direct the search into the region of better performance within the search space. The basic techniques of the GAs are designed to simulate processes in natural systems necessary for evolution, specially those follow the principles first laid down by Charles Darwin of "survival of the fittest.". Since in nature, competition among individuals for scanty resources results in the fittest individuals dominating over the weaker ones

Genetic algorithms are simple to implement, but their behavior is difficult to understand. In particular it is difficult to understand why these algorithms frequently succeed at generating

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solutions of high fitness when applied to practical problems. The building block hypothesis (BBH) consists of:

1. A description of a heuristic that performs adaptation by identifying and recombining "building blocks", i.e. low order, low defining-length schemata with above average fitness.
2. A hypothesis that a genetic algorithm performs adaptation by implicitly and efficiently implementing this heuristic.

5. A small Q&A session

At the end of the session students asked their doubt to the professor which was very well explained by her in detail. The Q&A session lasted for almost 20 minutes with students coming up with some really interesting and important queries. Dr. Preetida elaborated each of the topic students had doubts in, ensuring that everyone understood it.

6. Thanksgiving

Prof. Pallavi Thakur thanked Dr. Preetida Jani on behalf of the class for the efforts taken by her to contribute in enhancing knowledge of the students about this new technology.

SARDAR PATEL INSTITUTE OF TECHNOLOGY Andheri (W) Mumbai-58.

Photos from the event:

Dr. Preetida Jani addressing the students.

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Andheri (W)
Mumbai-58.

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Andheri (W)
Mumbai-58.

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MASTER OF COMPUTER APPLICATION - S.P.I.T.

Report

On

Guest Lecture

"Internet of things (IOT)"

Under

ACE Committee

MCA Department, Sardar Patel Institute of Technology

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Mumbai-58.

Introduction

The Ace committee of MCA department had organized the guest lecture for second year students of MCA. The event was held under the guidance of Prof. Aarti Karande and was conducted by Mr. Deepak.

The lecture was on "Internet of Things (IOT)".

The students gathered in lab 403 at Sardar Patel Institute of Technology, Andheri (w) to attend the guest lecture which was conducted during college hours.

- **Date of event :** September 08, 2018
- **Time duration :** 12:15 - 1:15 pm
- **Venue: Classroom** 403, 4th floor.
- **Aim of the Event :** To enhance the knowledge of SYMCA students about internet of things

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Details of the guest lecture

1. Gathering in the classroom

The students of second year MCA asembled in class 403. for the guest lecture at 12:15 pm Prof. Aarti Karande accompanied Mr. Deepak the lecturer for the day. All students welcomed him with a big round of applause.

2.Welcoming Mr. Deepak

The event started with the welcoming of Mr. Deepak by the ACE Committee member.

After the welcome note he introduced himself and gave students few insights about IOT.

3.Beginning with introduction to Database Security

Mr. Deepak started with the introduction of IOT.

The Internet of things (IoT) is the extension of Internet connectivity into physical devices and everyday objects. Embedded with electronics, Internet connectivity, and other forms of

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hardware (such as sensors), these devices can communicate and interact with others over the Internet, and they can be remotely monitored and controlled.

The definition of the Internet of things has evolved due to convergence of multiple technologies, real-time analytics, machine learning, commodity sensors, and embedded systems. Traditional fields of embedded systems, wireless sensor networks, control systems, automation (including home and building automation), and others all contribute to enabling the Internet of things. In the consumer market, IoT technology is most synonymous with products pertaining to the concept of the "smart home", covering devices and appliances (such as lighting fixtures, thermostats, home security systems and cameras, and other home appliances) that support one or more common ecosystems, and can be controlled via devices associated with that ecosystem, such as smartphones and smart speakers.

4. Brief explanation about IOT

Mr. Deepak gave a very specific and easy to understand examples of applications of IOT.

Kevin Ashton, co-founder of the Auto-ID Center at MIT, first mentioned the internet of things in a presentation he made to Procter & Gamble (P&G) in 1999. Wanting to bring radio frequency ID (RFID) to the attention of P&G's senior management, Ashton called his presentation "Internet of Things" to incorporate the cool new trend of 1999: the internet. MIT professor Neil Gershenfeld's book, When Things Start to Think, also appearing in 1999, didn't use the exact term but provided a clear vision of where IoT was headed.

IoT has evolved from the convergence of wireless technologies, microelectromechanical systems (MEMS), microservices and the internet. The convergence has helped tear down the silos between operational technology (OT) and information technology (IT), enabling unstructured machine-generated data to be analyzed for insights to drive improvements.

Although Ashton's was the first mention of the internet of things, the idea of connected devices has been around since the 1970s, under the monikers embedded internet and pervasive computing.

The first internet appliance, for example, was a Coke machine at Carnegie Mellon University in the early 1980s. Using the web, programmers could check the status of the machine and

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determine whether there would be a cold drink awaiting them, should they decide to make the trip to the machine.

IoT evolved from machine-to-machine (M2M) communication, i.e., machines connecting to each other via a network without human interaction. M2M refers to connecting a device to the cloud, managing it and collecting data.

Taking M2M to the next level, IoT is a sensor network of billions of smart devices that connect people, systems and other applications to collect and share data. As its foundation, M2M offers the connectivity that enables IoT.

The internet of things is also a natural extension of SCADA (supervisory control and data acquisition), a category of software application program for process control, the gathering of data in real time from remote locations to control equipment and conditions. SCADA systems include hardware and software components. The hardware gathers and feeds data into a computer that has SCADA software installed, where it is then processed and presented it in a timely manner. The evolution of SCADA is such that late-generation SCADA systems developed into first-generation IoT systems.

The concept of the IoT ecosystem, however, didn't really come into its own until the middle of 2010 when, in part, the government of China said it would make IoT a strategic priority in its five-year plan.

5. A quick Q&A session

He asked students if they had any doubts about what he taught and solved each one of them very well. It was a very useful session for all students and the clarification of doubts helped everyone a great deal in understanding the concepts more clearly.

6. Thanksgiving

Prof. Aarti Karande thanked Mr. Deepak on behalf of the entire class for the efforts taken by him to contribute in enhancing knowledge of the students about IOT.

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Photos from the event:

Mr. Deepak addressing the students.

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scope, Minor

Bhartiya Vidya Bhavan's

Sardar Patel Institute of Technology

(Autonomous Institute Affiliated to University of Mumbai)

[Knowledge is Nectar]

Liberal, Pi-Model of Engineering Education @ SPIT

(Department of Electronics Engineering)

CURRICULUM SCHEME FOR UNDERGRADUATE ACADEMIC PROGRAM (ELECTRONICS ENGINEERING) AT SPIT

2020 ITERATION: ELECTRONICS DOMAIN (ETRX Branch)

(For 2020-2024 batch)

Salient Features

- 160-Credit **Liberal** Engineering Education Model.
- A strong **program core of 12 courses** and **6 baskets of program electives** to ensure the breadth and depth in a chosen domain of studies. Program electives are arranged either to grow in a specified vertical or have diversified exposure.
- **Full semester industry internship to interested students.**
- Aggressive model of **"Learning-by-doing"**. (Engagement in classroom and laboratory sessions is 50:50)
- Special tracks for **"Minor"** Certification for interested learners, ensuring significant awareness of additional discipline leading to multiple specializations
- **Unique, multi-track model of "Honors" Certification,** for well performers for enhanced depth in the domain of study.
- Special sequel of optional **industry floated"SCOPE"** courses (Skilled Certification for Outcome-based Professional Education) for interested learners, ensuring high technical skills, in the diversified cutting-edge technologies.
- **First-of-its-kind-in-education** blend to Engineering Curriculum. **"ABLL@LLC"®** (Activity Based Liberal Learning about **Life, Literature and Culture**) in **allEIGHT** semesters, ensuring **all dimensional holistic growth** of the learner. These eight activity based mini courses are offered as two sequels namely **"SEVA"®** (Social Empowerment through Various Activities", and **"SATVA"®** (Self accomplishment through various Activities).

This curriculum aims at development of an **all-rounded** personality. It follows **holistic** approach of education, ensures strong science, mathematics foundation and program core, develops expertise in domain vertical though sequel of electives, ensures significant exposure of additional discipline through "Minor" program, collaborates outside world for the imparting relevant skills through "SCOPE" courses, challenges good learners through "Honors" evaluation, and systematically develops soft skills, and social, physical, mental, spiritual personality through carefully articulated **Liberal Learning** and **Humanities** sequels. Thus, offers a unique, liberal **"Pi-Model"** of Engineering Education.

Program Core

At SPIT, every undergraduate program consists of **Twelve Core Courses** referred as **Program Core**. Several academic models from reputed institutions in the country and outside the country are studied in articulating this Program Core, to make curriculum Globally Competitive. All courses in this Core have laboratory component to augment the learning. Each program core course has additional optional component of "Contents beyond the curriculum" which is carefully designed to ensure additional 15-20 hours engagement of the learners. The learner thus is nurtured towards the "Self-Learning" and "lifelong learning" which are essential attributes of 21st Century learner.

Program Electives

At SPIT, every program has **Six baskets** of Program Electives, each basket having minimum 3 courses. This enables learner to grow in a **domain-specialization** or **domain-vertical**. For example, learner can graduate with B.Tech Electronics with vertical in "Embedded Systems" or "VLSI" or "Signal Processing". Or a learner can graduate with B.Tech Computer Engineering with specialization in "Security" or "ML & AI" or "Computer Networking" or "Data Science". At the same time, learner can increase her bandwidth opting for elective courses which are general in nature, not pointing out towards a specific vertical.

Open Electives

Every undergraduate program has three baskets of open electives. This is planned to give exposure to interdisciplinary and cross disciplinary domains. The courses in these baskets are planned both at department and institute level. Students can choose any combination of these courses (not floated by the parent department) to get familiar with other domains of learning. One of these open electives must be chosen from Basic science courses or Engineering Science courses. **This unique approach of offering additional basic science or engineering science elective at senior level aims at appreciating the importance of other domains of learning.**

Humanities and Social Science Electives

National Education policy 2019 has aptly spelled out the necessity of Humanities in the Professional Education. It quotes, "A holistic and liberal education as described so beautifully in India's past is indeed what is needed for the education of India in the future to truly lead the country into the 21st century and the fourth industrial revolution. Even engineering schools such

as the IITs must move towards a more liberal education integrating arts and humanities". Every program at SPIT has three baskets of humanities. Learners are encouraged to take diversified courses in the field of languages, law, history, economics, management, finance etc.

SCOPE Certification

This unique sequel is designedto systematically develop skills required for an industrial sector. SPIT is partnering with various industries to offer the high-end skills required for a specific industrial sector. Well performing students can stretch the envelop and add new dimension to their Professional Personality by earning this certification. There are multiple tracks for SCOPE certification. Each track is offered with partnership with reputed institution or industry. These tracks are jointly designed by SPIT and partnering industry. Each track has four courses (modules). Each module/course is of 2-3 credits including laboratory component for most of the tracks. These tracks are also open for outside learners, leading to Certificate Program in a chosen domain.

Minor Certification

This additional and optional certification provides an opportunity to learner to develop the leaners in the additional domain of interests. It broadens the education and ensures the multi-disciplinary development which is essential attribute of 21st century engineer. However, this is optional. Well performing students can stretch the envelop and add new dimension to their Professional Personality. Each track for this minor certification is offered either by SPIT or with partnership with other reputed institutions. Each track has four courses (modules). Each course is of 3 credits and laboratory component if any. These tracks are also open for outside learners, leading to Certificate Program of 12 credits in a chosen domain.

Honors Certification

While the Minor and SCOPE certifications aim at adding additional professional dimension to the professional personality of the learners, the Honors certification gives opportunity to well performing learners to drive deep in the chosen field of study. Multiple plans/ways are planned to encourage learners to earn this certification which essentially excite the learners to push anenvelope and go extra/deep in the chosen area of the study. Students earn additional stars (*) as shown in Table 1 during their program. If at the time of graduation student earns total **TWELVE** stars, she is conferred with "Honors" certification.

Table 1: Additional "STAR" Earning leading to "Honors" certification

Activity	Definition of "STAR"	Maximum Limit
Earning top grade in any of the 12 courses which constitute the program core.	Top Grade: Full STAR Next GRADE: Half STAR	8 STARs
Enrolling additional "Honors" Course at fourth year.	Top Grade: 3 STARs Next GRADE: 2 STARs Next GRADE: 1 STAR	6 STARs
Success in the GATE examination	Percentile Score / STARs Earned Above 99 / 6 Above 98 / 5 Above 95 / 4 Above 90 / 4 Valid score / 2	8 STARs
Research Publication	Journal* :2- 6 STARs SPIT supported Patent : 3 STARs	8 STARs
Completion of PG level on line course from IITs available on NPTEL	Percentile Score / STARs Earned Above 95 / 3 Above 90 / 2 Above 80 / 1	6 STARs
#Winning prestigious technical competitions at National level	Rank / STARs Earned 1 / 4 2 / 3 3 / 2	6 STARTs
**Enrolling for optional "Special Honors Paper" in Semester 3, 4, and 5.	Above 70% : 3 STARs Above 60%: 2 STARs Above 50%: 1 STAR	8 STARs

*In identified journals only. No of STARs to be decided by Institute Committee.

#In identified events by the institute

**This special paper will cover all core courses in the semester and its difficulty level will be higher than the normal end semester examination paper. The question paper will be of GATE standard.

scope/ Minor

Indicative SCOPE/MINOR Certification

Minor/SCOPE Certification

Minor/SCOPE Track	Partner Institute if any.	Module	C
Computer Engineering	SPIT	Data Structures and Algorithms	MN11
		Database Management Systems	MN12
		Machine Learning	MN13
		Computer Network and Internet Technology	MN14
Industrial IoT	SPIT	Application Specific System Design	MN21
		Embedded "C" Programming & Real-time Software Development	MN22
		Software Design for Discrete time Control Algorithms	MN23
		Industrial Internet of Things (IIoT) System design and Applications	MN24
Management	S.P. Jain Institute of Management and Research [SPJIMR]	Finance and cost Management	MN31
		Supply Chain Management, operations and project Management	MN32
		IT for Business, HR and Organization	MN33
		Marketing	MN34
User Experience (UX) Design	ImaginXP, Pune	UX Design & Digitalization	SC11
		Empathy & Its Tools	SC12
		User Research & Its Application	SC13
		Design Thinking & Its Applications	SC14

BharatiyaVidyaBhavan's

Sardar Patel Institute of Technology

(Autonomous Institute Affiliated to University of Mumbai)

Revision: SPIT-4-19

Bachelor of Engineering/Technology (B.E./B.Tech)
in
Computer Engineering

Final Year Engineering
(em. VII and Sem. VIII)
Effective from Academic Year 2019 -20

Board of Studies Approval: 22/10/2018

Academic Council Approval: 16/01/2019

Principal
Sardar Patel Institute of Technology
Bhavans Andheri (West)
Munshi Nagar Andheri (West)

Computer Engineering Department

Semester VII common to both category '1' and category '2'

SEM VII						
Course Code	Course Name	Group	Teaching Scheme (Hrs/week)			Credits
			L	T	P	Total
CE71	Artificial Intelligence and Soft Computing	PC	3	--	--	3
CE72	Distributed Systems	PC	3	--	--	3
CEE71^	Elective-I	PE	3	--	--	3
CEE72^	Elective-II	PE	3	--	--	3
CEL71	Artificial Intelligence & Soft Computing Lab	PC	--	--	2	1
CEL72	Distributed Systems Lab	PC	--	--	2	1
CEEL71^	Elective-I Lab	PE	--	--	2	1
CEEL72^	Elective-II Lab	PE	--	--	2	1
CEP71	Category-'1': Major Project-II Category-'2': Major Project-I	PR	--	--	10#	5
CEP5	Problem solving module-V (Optional)	CEP				
	Total		12	--	18	21

Elective Subjects

CEE71^	Elective-I	A. Advanced Algorithm & Complexity B. Big Data Analytics
CEE72^	Elective-II	A. Image Processing B. Decision Making and Business Intelligence

Summer Term for Category '1':Student chooses for semester long internship

Summer Term						
Course Code	Course Name	Group	Teaching Scheme (Hrs/week)			Credits
			L	T	P	Total
HSS81	Technology Entrepreneurship Lab	HSS	--	--	2	1
OE^	Open Elective @	OE	1@	--	2@	2@
OE^	Open Elective @	OE	1@	--	2@	2@
CEP81	Category-'1': Major Project-I	PR	--	--	10	5
MOOC	MOOC (Min 8 week course)	MOOC	--	--	--	2
INT	Internship	PR	--	--	--	10#
ABL5	Financial Planning, Taxation Policies and Investment (Noncredit)	--	--	--	--	--
	Total		2@	--	12+4@	8+4@+1

Semester VIII for Category '2':Student opt out of 'Semester Long Internship'

SEM VIII						
Course Code	Course Name	Group	Teaching Scheme (Hrs/week)			Credits
			L	T	P	Total
HSS81	Technology Entrepreneurship Lab	HSS	--	--	2	1
OE^	Open Elective @	OE	1@	--	2@	2@
OE^	Open Elective @	OE	1@	--	2@	2@
CEP81	Category-'2': Major Project-II	PR	--	--	10	5
MOOC	MOOC (Min 8 week course)	MOOC	--	--	--	2
ABL5	Financial Planning, Taxation Policies and Investment (Noncredit)	--	--	--	--	--
CEE81^	A. Human Machine Interaction B. Digital Forensic	PE	3	1	--	4
CEE82^	A. High Performance Computing B. Data Science	PE	3	1	--	4
CEEL81^	A. Human Machine Interaction Lab B. Digital Forensic Lab	PE	--	--	2	1
CEEL82^	A. High Performance Computing Lab B. Data Science Lab	PE	--	--	2	1
	Total		6+2@	2	16+4@	18+4@

List of Open Elective Courses:

OE1: Consumer Electronics (ETRX)
OE2: Robotic Vision (ETRX)
OE3: Cyber Security and Digital Forensics (EXTC)
OE4: Internet of Things (EXTC)
OE5: Fundamentals of Computational Intelligence (COMP)
OE6: Fundamentals of Data Structures and Algorithms (COMP)
OE7: Software Testing (IT)
OE8: Database Management Systems (IT)

Monitoring & Evaluation of Internship

Course Name: Internship Course Code: INT	MSE	ESE	Total Marks	Total Credits
Institute Supervisor Evaluation	70	70	140	05
Industry Mentor Evaluation	70	70	140	05
	140	140	280	10

For MSE and ESE: 60 Marks Rubrics Based Evaluation
10 Marks Internship Report Evaluation

Parameters for Rubrics Based Evaluation of Intern

(Needs improvement=1; Satisfactory=2; Good=3; Excellent=4)

S.N.	Parameters	Scale (1 to 4)
1	Behaviors	
2	Performs in a dependable manner	
3	Cooperates with co-workers and supervisors	
4	Shows interest in work Learns quickly	
5	Shows initiative	
6	Accepts responsibility	
7	Accepts criticism	
8	Demonstrates organizational skills	
9	Shows good judgment	
10	Analyzes problems effectively	
11	Is self-reliant	
12	Communicates well	
13	Has a professional attitude and appearance	
14	Is punctual	
15	Uses time effectively	
	Rate the following parameters for Internship Report (Needs improvement=1; Satisfactory=1.5; Good=2; Excellent=2.5)	
17	Writes effectively	
18	Uses technical knowledge and expertise	
19	Demonstrates creativity/originality	
20	Produces high quality work	
	Total (Out of 70)	

Activity Based Liberal Learning about Life, Literature and Culture (ABLL@LLC)

"Education will fail ignominiously in its objective if it manufactures only a robot and called him an economic man stressing the adjective economic and forgetting the substantive man. A university cannot afford to ignore the cultural aspects of education whatever studies it specializes in. Science is a means, not an end. Whereas culture is an end in itself. Even though you may ultimately become a scientist, a doctor, or an engineer, you must, while in college, absorb fundamental values which will make you a man of culture.."

Kulpati Dr. K. M. Munshi

How aptly our visionary founder has given direction to the education. His wisdom towards education inspires, encourages us to experiment in the field of education, to make it as relevant and helpful to the society as possible. Mahatma Gandhi once quoted, *"By education I mean an all-round drawing out of the best in man; body, mind and spirit."*

Recently announced National Policy on Education-2019, reconfirms this and profoundly stresses the need of liberalizing the higher education including professional education. It quotes, *"Higher education must develop good, well-rounded and creative individuals, with intellectual curiosity, spirit of service and a strong ethical compass"*.Moving towards a more liberal undergraduate education is one of the most important features of this policy. It narrates, *"The needs of the 21st century require that liberal broad-based multidisciplinary education become the basis for all higher education. This will help develop well-rounded individuals that possess critical 21st century capacities in fields across arts, humanities, sciences, social sciences, and professional, technical, and vocational crafts, an ethic of social engagement, and rigorous specialization in a chosen field or fields. Such a liberal education would be, in the long run, the approach across all undergraduate programs, including those in professional, technical, and vocational disciplines. Imaginative and flexible curricular structures will enable creative combinations of disciplines for students to study, thus demolishing currently prevalent rigid boundaries and creating new possibilities for lifelong learning. The notion of 'knowledge of many arts'- i.e. what is called 'liberal arts' in modern times – must be brought back to Indian education, as it is exactly the kind of education that will be required for the 21st century."*

We at Bhavan's SPIT, make sincere attempt to blend engineering education appropriately with arts, humanities, crafts, ethic of personal and social engagement to ensure holistic development of the learner. We have carefully designed liberal learning courses covering Life, Literature, and Culture (LLC @ LLC) for all the semesters of the program. Learner concurrently studies these courses. These courses broadly fall under two groups, namely "SEVA (Social Empowerment through Various Activities)" and "SATVA (Self Accomplishment through Various Activities)". Each of these groups, has four modules as indicated in Table 2 and Table 3. Further each module has multiple courses of 1 or 2 credits (An engagement of 35-40 hours is expected to earn one credit). Every learner at SPIT is expected to take 1 such course on LLC every semester. We strongly believe that these EIGHT liberal learning modules will help us to appropriately blend the professional education as envisaged by the National Policy Makers.

LLC/
SEVA

ABLL@LLC

Table 2: SEVA

SEVA (Social Empowerment through Various Activities)			
Module	**Title**	**Courses**	**CODE**
SEVA-I	**SOCHO BHARAT**	Study of Green & White Revolutions in India	SV10
		Government Missions [Study of any 2]	SV11
		Study of India's top 2 problems	SV12
		Study of World's top 2problems	SV13
		How Government Works? [Study of one department of the Central/ State Government]	SV14
		Study of one of the identified Books	SV15
		Study of two National policies	SV16
		Any other activity approved by Dean Academics	SV1X
SEVA-II	**SWACCH BHARAT**	River/Beach/Mohalla/School/Campus/Govt offices Cleaning	SV20
		Waste Segregation Surveys	SV21
		NSS camp in village for a week	SV22
		Medical camps in schools	SV23
		First Aid training for a week	SV24
		Surveys and Estimation for roof top solar	SV25
		NCC participation	SV26
		Any activity approved by Dean Academics	SV2X
SEVA-III	**SHIKSHIT BHARAT**	Mentoring of School Children	SV30
		Digital Literacy for yielders	SV31
		Value addition for deprived schools	SV32
		Mentoring junior (first year) students at SPIT	SV33
		Teaching Assistantship at SPIT	SV34
		Development of learning material for schools/ITIs	SV35
		Participation in "Teach-for-India" movement	SV36
		Any other activity approved by Dean Academics	SV3X
SEVA-IV	**SAMRUDDHA BHARAT**	Great Grass Root Innovations	SV40
		Innovation and Creativity	SV41
		Critical Thinking and Problem solving	SV42
		Team work and collaboration	SV43
		Leadership & Enurepreneurship	SV44
		Design Thinking	SV45
		Study of one of the identified books	SV47
		Work with START-UP at SPIT	SV48
		Any other activity approved by Dean Academics	SV49

Table 3: SATVA

SATVA (Self Accomplishment Through Various Activities)			
Module	**Title**	**Courses**	**CODE**
SATVA-I	SANSKARIT BHARAT	Values and Ethos of Bhavan	ST10
		Essence of Indian traditional knowledge	ST11
		Philosophy of religion (any)	ST12
		Study of Life Management / Kindle Life / Life Empowerment and Enriching Program or any other book cited.	ST13
		Study of any of GREAT sons of INDIA [Ex. Gandhi, Ambedkar, Phule, Savarkar, Sardar Patel, Nehru, Shivaji, JRD Tata etc]	ST14
		Any other course approved by Dean Academics	ST1X
SATVA-II	SAKSHAM BHARAT	Target based Physical Exercise for example-Running [Test 5 kms in a stretch], Swimming [Test 1 km in a stretch], Walking [Test 20 kms in a stretch], Trekking [7days], Cycling	ST20
		Sports – Representation of Institute at University level/Inter college level and above in ANY sport	ST21
		Participation in National Tech Fest, AICTE-Hackathon, Industry floated global and national competitions, Robocon, BAHA etc	ST22
		Yoga vidya -I	ST23
		Any other activity approved by Dean Academics	ST2X
SATVA-III	SUNDER BHARAT	Institute representation in prestigious cultural fests/competitions	ST30
		Dance [Bharatanatyam /Kathak /Lavani /Western Dance]. Only for beginners	ST31
		Learning musical instrument [Any type]. Only for beginners.	ST32
		Film Appreciation/Dramatics/Seeing through Painting	ST33
		Making short film/Photography	ST34
		Yogvidya-II	ST35
		Any other activity approved by Dean Academics and DOSA	ST3X
SATVA-IV	SURAKSHIT BHARAT	Food that Heals	ST40
		Personal and Social Hygiene	ST41
		Intellectual Property Rights	ST42
		Etiquette and Conversational skills	ST43
		Basics of Ayurveda	ST44
		Study of one of the identified Books	ST45
		Any other course approved by Dean Academics	ST4X

ABL

Sardar Patel Institute of Technology

Bhavan's Campus, Munshi Nagar, Andheri (West), Mumbai-400058, India
(Autonomous College Affiliated to University of Mumbai)

"ABLL@LLC"

(Activity Based Liberal Learning about Life, Literature and Culture)

Academic Year: 2022-23 Semester: I, III, V, VII Course Name : Basics of Fire Safety
Course Code: SV17 Name of Faculty Coordinator: Dr. P. V. Kasambe
Total Number of students registered: 103

Branch Wise

Year Wise

Number of sessions conducted: 10
Duration of the session: **1 Hr**
Brief contents taught: The basics of fire and electrical safety standards, practical demonstrations on using fire and electrical safety equipment were emphasized so that students are trained to handle the fire or electrical hazards. If not at least which dos and don'ts to follow during such incidence were covered as the mishaps happens due to the unawareness of philosophy and sciences behind these aspects.
Result:
Total Number of students evaluated/graded:101

Branch Wise

Year Wise

Observations: The timing slot allotted was perfectly fine for the experts and students. It was a great pleasure to have a session by Chairperson of FSAI and few other sessions to deliver practical demonstrations. However, more such sessions can be planned.
Photographs:

Group Pics with Experts from FSAI, Mumbai Region and Session by Mr. Sirke, Chairperson FSAI

During demonstration session by Mr. Sirke, Chairperson, FSAI and experts from FSAI Chapter Mumbai Region.

ABL

Sardar Patel Institute of Technology

Bhavan's Campus, Munshi Nagar, Andheri (West), Mumbai-400058, India
(Autonomous College Affiliated to University of Mumbai)

"ABLL@LLC"

(Activity Based Liberal Learning about Life, Literature and Culture)

Academic Year: 2022-23 Semester: ALL
Course Code: Course Name : **ABHYUDAYA**
Name of Faculty Coordinator: GOVIND HALDANKAR
Total Number of students registered:

Branch Wise Year Wise

AIML -8
EXTC – 15
COMP- 8
IT - 11
CSE DS 5

2022-23 Branch wise

Number of sessions conducted: 36 Hrs.
Duration of the session: **3 Hrs.**
Brief contents taught: **About "Abhyudaya":** Abhyudaya is an NGO associated with SP Jain Institute of Management and research and the institute is in the same campus of Sardar Patel Institute of Technology. SP iain institute of Management and Research has designed a transformative experiential learning course for the children from underprivileged backgrounds. These bright school children are called Sitara, which means a star. For the past 15 years, the non-profit arm of Abhyudaya has been addressing UN SDG 4 of Quality Education by engaging actively with the Sitara community. It educates 550+ Sitaras and offers financial assistance, health and safety programmes,

digital literacy programmes, and several holistic development activities. More than 50% of Sitaras are girls.

Program Outcomes-

1) **PO8 Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
2) **PO9 Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
3) **PO10 Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
4) **PO12: Life-long learning**: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PO number	Graduates Attributes	PO mapping level
PO8	Ethics	3
PO9	Individual and team work	3
PO10	Communication	2
PO12	Life-long learning	2

No of students participated: 42

No of students received more than or equal to average grades: 37

No of students received less than average grades: 5

PO Attainment				
Graduate Attributes	**PO Mapping Level**	**Avg Level**	**Weight = Level / 3**	**Avg * weight**
PO8 Ethics	3	3	1	3
PO9 Individual and team work	3	3	1	3

PO10 Communication	2	2	0.67	1.33
PO12 Life-long learning	2	2	0.67	1.33
Total PO attainment				**2.17**

PHOTOGRAPHS:

ABL

Sardar Patel Institute of Technology

Bhavan's Campus, Munshi Nagar, Andheri (West), Mumbai-400058, India
(Autonomous College Affiliated to University of Mumbai)

"ABLL@LLC"

(Activity Based Liberal Learning about Life, Literature and Culture)

Semester: Even

Academic Year: 2022-23
Course Code:
Course Name: Technology Entreprenurship

Name of Faculty Coordinator: K.T.Talele
Total Number of students Evaluated: 5.

Branchwise Enrolment to the course:

Duration of the session: Students need to spend more than 30hrs for this course.
Number of sessions conducted: 12
Duration of the session: 1.5 Hour
Brief contents taught:

Result:
Total Number of students evaluated/graded: 16
Observations: Students Gain a profound understanding of Startup Busienes and Incubation Support to Startups, Funding Opportunities, Business Model , Business Plan and IPR Creation.

Students developed Busines Model for the businesses they have chosen. They were given assignment to suvey of incubation centres in India and Case study analysis of suceesssful startups in India.

List of the students who enrolled for the course :

First Name	Surname	ID number	Department	Email address
Nilesh	Admane		Electronics & Telecommunication	nilesh.admane22@spit.ac.in
Sarthak	Bansal		Electronics & Telecommunications	sarthak.bansal@spit.ac.in
Prathamesh	Bhosale		Electronics & Telecommunication	prathamesh.bhosale22@spit.ac.in
Priyanka	Waghmare		Electronics & Telecommunication	priyanka.waghmare22@spit.ac.in
Om	Bhutki		Computers	om.bhutki22@spit.ac.in
Akshat	Biniwale		Computer	akshat.biniwale@spit.ac.in
Mohit	Narwaiye		Computer	mohit.narwaiye@spit.ac.in
Vedant	Panchal		Computer	vedant.panchal@spit.ac.in
Chetan	Patil		Electronics	chetan.patil2@spit.ac.in
Wajid	Jamadar		Electronics	wajid.jamadar@spit.ac.in
Pratham	Shelke		CSE (AI-ML)	pratham.shelke@spit.ac.in
Rahul	Shinde		CSE (AI-ML)	rahul.shinde@spit.ac.in
Omkar	Yellaram		CSE (AI-ML)	omkar.yellaram@spit.ac.in
Shruti	Kedari		CSE (AI-ML)	shruti.kedari@spit.ac.in
Tejal	Komb		CSE (AI-ML)	tejal.komb@spit.ac.in
Pratishtha	Manjrekar		CSE (AI-ML)	pratishtha.manjrekar@spit.ac.in

Seva Satva

Bharatiya Vidya Bhavan's

Sardar Patel Institute of Technology

(An Autonomous Institute Affiliated to University of Mumbai)
Bhavan's Campus, Munshi Nagar, Andheri (West), Mumbai-400058-India

Course: SEVA/SATVA : SV15 : Study of one of the identified Books
Sem.: ODD
Academic Year: 2021-2022
Mentor: Prof. Prashant Kasambe

Students who enrolled for this course were asked to select any book of their interest. The details are as follows. Later an online meet is arranged to brief them the contents and format of the report to be submitted. In the same meeting their progress in the course was monitored. Evaluation criteria was also decided during the meeting. Submission of the reports and presentation was taken on google drive.

In the report, students were asked to write the takeaway based on the contents of the book and their own views, feelings.

Name of the students	UID No.	Semester in which Appeared for course	Semester in which currently studying	Branch	Name of the identified book
Samidha Salian	2020510056	Sem II	Sem II	MCA	The Oath of the Vayuputras
ADRIKA DIKSHIT	2020100012	Sem III	Sem III	ETRX	And then there were none
Wajid Jamadar	2020100023	Sem III	Sem III	ETRX	RAM:SCION OF IKSHVAKU
Namita Praful Kadam	2020100026	Sem III	Sem III	ETRX	Gently Falls the Bakula
Sneha Ghuge	2019110015	Sem V	Sem V	ETRX	The Immortals of Meluha

The details of the books read by the students and their takeaway is summarized as follows:

Name of the students	Details of the Book	Takeaway
Samidha Salian	1.1. Name of the book title The Oath of the Vayuputras 1.2. Name of the author Amish Tripathi 1.3. Publications Westland Press 1.4. Year of publication 27 February 2013 1.5. Edition: 1st Edition	Shiva's journey has come to a conclusion, and it was a peaceful one. He stood up for what he believed in, loved unconditionally, and gave life to deserving children. He vanquished the 'evil' and now realizes that he has accomplished his life's goal. Shiva's views and interpretations will captivate you. The balance between virtue and vice is the subject of this book. It depicts how the light will destroy darkness anytime it arises. Regardless of the loss, people who choose the right will forge a new way.

ADRIKA DIKSHIT	Name of the book: And then there were none Author: Agatha Christie Publication: HarperCollins Publishers Year of Publication: 1939 Edition: 2015	Christie not only traps her characters in this house of horrors, but she traps us as well. We know from the title where all this is headed and there is nothing, we can do to stop it except turn every page faster and faster until we know the secret' until we know what it is that has led these ten little Indians to face their judgment once and for all.
Wajid Jamadar	RAM: Scion of Ikshvaku By Amish tripathi Publisher:Westland Press Publication date: 22 June 2015	I like this book as it was thriller and meaningful .The book's story was a horrifying ride to me .The Love between got tears in my eyes .The Ram character was the one character that I was fond of.This book teaches you about your family values .And law is above all. No one is above law. The books told that whatever situation comes in life you should follow law and do your dharma .As in rams case his sister was brutally raped he stand still and followed law .He didn't lose his temper on that .He would have punished Denuka but he did not .And this is true example of dharma.I personally liked book. My Favorite character was Lakshman who was always with his brother.
Namita Praful Kadam	1.1.Title of the Book: Gently Falls the Bakula 1.2.Name of the Author: Sudha Murty 1.3.Publication: Penguin Group 1.4.Year of Publication: February 2008 1.5.Edition: 1st Edition in 2008	1. Never sacrifice your identity and career for anything. 2. A relationship should always have balance in all aspects. Both should learn to manage their priorities, ambitions and egos. 3. We should judge right from the beginning about what we want and what we are about to get after committing to something. 4. Whenever something gets toxic, we should try to find a cumulative solution. But, if things go out of hand, then we should not hesitate to take some tough steps. 5. Sometimes, we should take decisions that benefit us independently too, rather than always think about the consequences on the relationship as a whole. 6. If one person in the relationship is over-ambitious, then we should make that person realize that their ambitions are coming in the way of making the relationship better. 7. Opportunities don't come knocking twice, we should always make use of them when they come.
Sneha Ghuge	1. 1 Title of the Book : The Immortals of Meluha 1.2 Name of the Author: Amish Tripathi 1.3 Publications: Westland Ltd 1.4 Year of Publication: 2010	Shiva is an ordinary tribal man who is challenged by his fate to become a savior for people. He is faced with extraordinary struggles during his path. He stands in front of all his challenges and proves that he deserves to be the Neelkanth not only because of his blue throat but also due to his ability to be one. He proves that if a man tries and persists against the odds, he can be God. It's not just dependent on fate, it's upon the karma of the individual.

Based on evaluation criteria, the following are the details of evaluation.
Date of Presentation: 6th Jan 2021, 6 pm
Meet Link: http://meet.google.com/ikv-bqjw-gft
Drive Link for details of Reports:
https://drive.google.com/drive/folders/1be29LlkDRBsAmgMI6FI8jJM1lu3oICUF?usp=sharing

Name of the students	UID No.	Semester in which Appeared for course	Semester in which currently studying	Branch	Grade
Samidha Salian	2020510056	Sem II	Sem II	MCA	O
ADRIKA DIKSHIT	2020100012	Sem III	Sem III	ETRX	O
Wajid Jamadar	2020100023	Sem III	Sem III	ETRX	A
Namita Praful Kadam	2020100026	Sem III	Sem III	ETRX	O
Sneha Ghuge	2019110015	Sem V	Sem V	ETRX	O

Photograph: