



## CRITERION- 6

### GOVERNANCE LEADERSHIP & MANAGEMENT

#### Key Indicator- 6.3 Faculty Empowerment Strategies

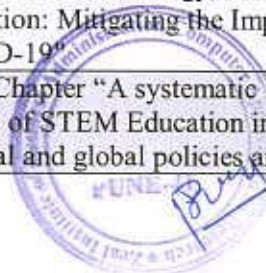
Matric. No.	Matric Details						
6.3.2 QIM	Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years <table border="1"><thead><tr><th>Sr. No.</th><th>Content</th></tr></thead><tbody><tr><td>1</td><td>List of teachers provided with financial support to attend Conferences/Workshops additional information during the last five years</td></tr><tr><td>2</td><td>Sample of supporting document</td></tr></tbody></table>	Sr. No.	Content	1	List of teachers provided with financial support to attend Conferences/Workshops additional information during the last five years	2	Sample of supporting document
Sr. No.	Content						
1	List of teachers provided with financial support to attend Conferences/Workshops additional information during the last five years						
2	Sample of supporting document						





- List of teachers provided with financial support to attend Conferences/Workshops additional information during the last five years

Year	Name of Teachers	Name of Conference/ Workshop attended for which financial support provided	Amount of support received (in INR)
2022-23	Dr. Rupali Pawar	4 Days Workshop on Python and Data Analytics	750
	Prof. Kirti Samrit	4 Days Workshop on Python and Data Analytics	750
	Prof. Madhavi Shamkuvar	National Research Workshop on "Writing a Review paper: Innovative use of Tables ,Flow Chart and Graphs"	645
	Prof. Kirti Samrit	National Level Faculty Development Program on "Research & Innovation: Procedure for Research Paper Publication Patent Filing and Entrepreneurship Development"	500
	Dr. Rupali Pawar	FDP on How to make Research Proposal for Government Institution and other Funding Agencies	500
	Dr. Rupali Pawar	TWO Days Online INTERNATIONAL WORKSHOP on "Research Methodology"	250
	Dr. Rupali kalekar	TWO Days Online INTERNATIONAL WORKSHOP on "Research Methodology"	250
	Prof. Madhavi Shamkuvar	3 X 3 Predictive Entrepreneurship Competency-Cognition Matrix Using Higher Order Thinking Skills (HOTS) Model to Review the Role and Impact of Entrepreneurship Education	1500
	Prof. Madhavi Shamkuvar	Book Chapter "Education 4.0: Artificial Intelligence Dimensions" Published in the Books of "Advancements in Artificial Intelligence, Block chain Technology, and IoT in Higher Education: Mitigating the Impact of COVID-19"	600
	Dr. Rajeshkumar Kashyap	Book Chapter "Block chain in Higher Education "Published in the Books of "Advancements in Artificial Intelligence, Block chain Technology, and IoT in Higher Education: Mitigating the Impact of COVID-19"	600
Prof. Madhavi Shamkuvar	Book Chapter "A systematic Literature review of STEM Education in changing national and global policies and	750	





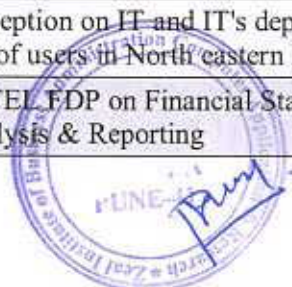
		procedures" published in the Books of " A Multi-Disciplinary Approach to Integrate Pedagogies, Inculcate Innovations and Connections"	
2021-22	Dr. Babasaheb Mohite	Research paper "Analysis of feature selection methods for UKM-IDS20 Dataset" published in "7th International Conference on Computing in Engineering and Technology"	1000
	Prof. Madhavi Shamkuvar	Book Chapter "Introduction to block chain and distributed systems—fundamental theories and concepts" published in the Books of "Block chain for Smart Cities"	600
	Prof. Madhavi Shamkuvar	Book Chapter "Digital Dimensions of Industry 4.0: Opportunities for Autonomic Computing and Applications "published in the Books of "Autonomic Computing in Cloud Resource Management in Industry 4.0"	750
	Dr. Ashish Krishna Vyas	Research Paper "A study of human resource policies and implementation of Kizen policy" Published in the International Conference of "Digital era: Re-imagining Global Arena"	1000
	Prof. Poonam Kadwe	Research paper "Cause Related Marketing: Overview in Covid-19 pandemic" published in the International Conference "Rigor, Relevance & Resilience in Business & Management Research"	750
	Dr. Rajeshkumar Kashyap	Research paper "Importance of Edge computing in IT "published in the "10th National Conference (Virtual mode) Fostering Human Resilience: Catalyst for Science, Technology and Management"	750
	Prof. Madhavi Shamkuvar	Online Refresher Course on "National Education Policy & The Teaching Pedagogy	500
	Prof. Madhavi Shamkuvar	FDP on "Design Thinking and Product Development"	500
	Dr. Ashish Krishna Vyas	National Webinar on "Reading in Digital Era"	250
2020-21	Prof. Madhavi Shamkuvar	FDP on Research Publication and Analytics	500
	Dr. Rajesh Kashyap	7th International Conference on Computing in Engineering and Technology	500
	Dr. Ashish Krishna Vyas	Online FDP on Training For Social Connectedness & Inspiration	500
	Dr. Ashish Krishna Vyas	Research Paper "A study of human resource policies and implementation of Kizen	750



		policy" published in the Conference "Digital era: Re-imagining Global Arena"	
	Prof.Poonam Kavade	Workshop on Reference Management Tool & Literature Review	500
	Prof. Madhavi Shamkuvar	Webinar on "Agile Methodology Using Jile"	500
	Prof. Madhavi Shamkuvar	Webinar on" Tech Talk 2020 Webinar Series"	500
	Prof. Madhavi Shamkuvar	Seminar on Relevance of IPR in Universities	1000
	Prof. Madhavi Shamkuvar	Webinar on "Procrastination to Execution"	250
	Dr.Rahul More	4 Week Induction /Orientation Programme for Faculty in Universities/Colleges/Institutes of Higher Education	1500
	Dr. Babasaheb Mohite	Three Days State Level FDP on "Use of Google Tools in Webinar and Online Education	1000
2019-20	Dr. Babasaheb Mohite	NPTEL FDP Software Testing	1000
	Dr. Babasaheb Mohite	FDP on Java Programming	500
	Prof. Madhavi Shamkuvar	Webinar on "An Effective Research Paper Writing Skills"	500
	Dr. Babasaheb Mohite	FDP on Python Programming	500
	Prof. Madhavi Shamkuvar	Webinar on A systematic Software Based Approach to Implement Outcome Based Education to Achieve Academic Excellence Leading to Accreditation Readiness Through Ion CUDOS"	500
	Prof. Madhavi Shamkuvar	Webinar on "The Opportunities And Challenges For Entrepreneurs during COVID-19 Lockdown"	100
	Prof. Madhavi Shamkuvar	Webinar on Research Methodology- Defining and Redefining	250
	Prof. Madhavi Shamkuvar	Workshop on" Education 4.0 "	250
	Prof. Madhavi Shamkuvar	Webinar On" Turnitin Online on Campus"	500
	Prof. Dharmendra Singh	FDP on R Programming	250
	Prof. Madhavi Shamkuvar	Webinar on "Faculty Awareness Programme on National Assessment Accreditation Council"	500



	Prof. Madhavi Shamkuvar	Webinar on "Personal Security Learn do Check"	250
	Prof. Madhavi Shamkuvar	Webinar on "Startup Life cycle and Patent Registration "	250
	Prof. Madhavi Shamkuvar	National Webinar on "Let's overcome Corona Crisis with Positivity"	100
	Prof. Madhavi Shamkuvar	Training Program on How to Balance Academics and the administrative work	750
	Dr. Babasaheb Mohlta	NPTEL FDP Software Project Management	500
	Prof. Kirti Samrit	NPTEL FDP Software Engineering	500
	Prof. Madhavi Shamkuvar	FDP MCA Syllabus Orientation	100
	Prof. Kirti Samrit	Workshop on Syllabus Content Development (MCA VI Second Year Semester -III 2019 Pattern	100
	Dr. Babasaheb Mohite	Workshop on Syllabus Content Development (MCA VI Second Year Semester -III 2019 Pattern	100
	Prof. Dharmendra Singh	Workshop on Syllabus Content Development (MCA VI Second Year Semester -III 2019 Pattern	100
	Dr. Rajeshkumar Kashyap	Workshop on Syllabus Content Development (MCA VI Second Year Semester -III 2019 Pattern	100
	Prof. Prachi Sutrave	Workshop on Syllabus Content Development (MCA VI Second Year Semester -III 2019 Pattern	100
	Prof. Madhavi Shamkuvar	Workshop on Syllabus Content Development (MCA VI Second Year Semester -III 2019 Pattern	100
	Prof. AshishVyass	A study of various levels of competence in service industries in Pune	1500
	Prof. Madhavi Shamkuvar	FDP MCA VI Syllabus Design 2019 Pattern	100
2018-19	Dr. Ashish Vyas	Research Paper "A study and analysis of existing practices of competency mapping and competency development and most preferred practices "in the Conference "The effect of new approach to globalization on Business"	500
	Dr. Rajesh Kashyap	Perception on IT and IT's dependency upon age of users in North eastern Maharashtra	1225
	Dr. Pravin Mahamuni	NPTEL FDP on Financial Statement Analysis & Reporting	500





Prof. Kirti Samrit	NPTEL FDP Discrete Mathematics	500
Dr. Pravin Mahamuni	Comparative Analysis of HDFC Bank and ICICI Bank by Using Camel Model	1000
Prof. Ashish Vyas	FDP on Outcome Based Education	250
Dr. Pravin Mahamuni	FDP on Finance & account with finance specialization subject revised 2019 pattern	250
Prof. Madhavi Shamkuvar	FDP on Outcome Based Education	250



## Workshop

### 4 Days Workshop on Python and Data Analytics

Dr. Rupali Pawar

Prof. Kirti Samrit

Dr. D. Y. Patil Pratishthan's  
DR. D. Y. Patil Institute of Management  
Studies (DYPIMS)

Dr. D. Y. Patil Pratishthan's  
Institute for Advanced Computing and Software  
Development (IACSD)

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# WORKSHOP ON PYTHON & DATA ANALYTICS (INTRO-DEEP LEARNING / ML)

**Topic -** Python, SQL Database,  
Data visualization using Power BI,  
Advanced Analytics & Statistics


**DATE - 13,14,15 & 16  
April 2023**





**TIME - 5 To 7 PM**

**FEE - RS 200/-**

**VIRTUAL MODE**

**Register Now**



 <p><b>DR. SHANTANU PATHAK</b> Ph.D. (Computer Science and Engineering) 24+ years in R programming, Python / Machine Learning</p>	 <p><b>DR. LALIT PRASAD</b> PhD, MBA (MKT &amp; HRM), M.Sc (Maths), NET (Mgmt.), AMT Associate Professor</p>	 <p><b>MR. KESHAV KUMAR</b> (MBA- Marketing analyst) 24+ years of experience in Marketing and Placements.</p>	 <p><b>MR. NARENDRA PAWAR</b> 12+ years in C, C++, Database Technologies, Web Technologies, Java</p>
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# Research Workshop

Mbien Analytics and Sytem in association with Adonic informatics  
National Research Workshop on "Writing a Review paper: Inovative  
use of Tables, Flow Chart and Graphs"

Prof. Madhavi Shamkuvar



Conference, Workshop/Webinar, FDP STTP | MBien Analytica and Systems in association with Adonic Informatics presents "National ...

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## 'IN-TEXT CITING & REFERENCING IN RESEARCH PAPERS'

Organized by  
MBien Analytica and Systems  
in association with  
Adonic Informatics

**30 April, 2023**  
3 PM (IST)

**SPEAKER** Dr. Madhavi Shamkuvar is a Professor of Technical Engineering and Deep Research and Consulting in MOE's Institute of Engineering (Autonomous) and Bengal. He is also a Distinguished International Researcher of Universidad Católica del Norte, Chile. He has over 500 citations, 20 research papers and 20 projects highly reputed international





5.0K members

Dr. Praveen Chatterjee



Research and Consulting) at MNV Institute of Engineering (Nazimuddin, West Bengal, India). He is also a Distinguished International Researcher at Universidad Catolica del Norte, Chile. He has over 500 citations, 127 research papers and 30 books by highly reputed international publishers. He has a cumulative impact factor of over 250. He is the Lead Series Editor of Springer, CRC Press, Elsevier, Apple Academic Press, Science Direct, Wiley book series to name a few.

Dr. Praveen Chatterjee

Platform

Google Meet  
E-Certificate



HIGHLIGHTS

1. APA Reference Style and Citations
2. Harvard Reference Style and Citations
3. MLA Reference Style and Citations
4. Chicago Reference Style and Citations
5. In-depth discussions on IN-TEXT CITATIONS

REGISTRATION PAYMENT DETAILS

Registration Fees: Rs 399  
(100 INR for Participants)

✓ Through UPI ID:  
9547361125@upi

✓ Through Bank Transfer:

Current Account No.: 9426010428444

Name of Beneficiary: ADONIC INFORMATICS

Name of the Bank: AXIS BANK

IFSC Code: UTIB0001221

Axis Bank Ltd. Regd. Office: 1, LYONNISE BUILDING

REGISTRATION LINK DETAILS

Scan QR  
for  
Registration Link

Registration Deadline:

29/04/2023



**HURRY!!  
LIMITED SEAT**

All queries should be emailed / WhatsApp to:

adonicinformatics@gmail.com

+91-9832903633



# Publication of Book chapter

Book Chapter "A systematic Literature review of STEM Education in changing national and global policies and procedures" published in the Books of " A Multi-Disciplinary Approach to Integrate Pedagogies, Inculcate Innovations and Connections"

Prof. Madhavi Shamkuvar

The screenshot shows the Apple Academic Press website. At the top, there is a navigation bar with the AAP logo and the text 'Publishing quality books in STEM and other fields'. Below this is a menu with links: Home, About Us, Conference Schedule, AAP Research Notes, Ordering Info, Publish With Us, and Contact Us. The main content area features a 'SUBJECTS' sidebar with categories like Agriculture & Allied Sciences, Allied Health, Alternative & Complementary Medicine, Animal Studies & Veterinary Sciences, Anthropology, Archaeology, Bioinformatics, Biology, Biomedical Engineering/Nanotechnology, and Microbiology. The central focus is a book listing for 'Advancements in Artificial Intelligence, Blockchain Technology, and IoT in Higher Education: Mitigating the Impact of Covid-19'. The listing includes the editors' names (Subhendu Kumar Perri, PhD, Kamalokanta Baidel, PhD, Sajay Kumar Jena, PhD, Srikanth Battula, PhD, and Geelen Sarwar Khan, PhD), a 'Ordering Info Buy Book' button, and a 'Free standard shipping worldwide' badge. To the right, there is a 'Sign Up for email alerts' button and a 'Follow us for the latest from Apple Academic Press' section with social media icons. At the bottom of the page, there is a circular stamp from the 'PUNJABI UNIVERSITY'.



## Publication Of Book Chapter

Book Chapter "Introduction to block chain and distributed systems—  
fundamental theories and concepts" published in the Books of "Block chain for  
Smart Cities"

Prof. Madhavi Shamkuvar

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Article preview

Blockchain for Smart Cities  
2021, Pages 181-210

Chapter 10 - Introduction to blockchain and distributed systems—fundamental theories and concepts

Nisha Sharma<sup>1</sup>, Madhavi Shamkuvar<sup>1</sup>, Sakthi Kumar<sup>2</sup>, Sridhar Sankar<sup>3</sup>, Anil Gola<sup>4</sup>

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Abstract

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Abstract

## Abstract

Blockchain is among the foremost significant technical innovation during latest period. It's a clear money exchange system that changed the approach an occupation is held. It's becoming widespread due to its indisputable security and skills to offer full resolution to digital identity problems. Blockchain serves as a digital ledger in a P2P network. This chapter gives an in-depth background on blockchain technology, its history, design, working, benefits, and challenges associated with it and its application in several industries. It is a long-time ledger that permits transactions occur in a very decentralized way. The applications of blockchain are arising, covering varied fields together with finance, IoT, etc. However, there are yet numerous challenges such as scalability and safety-related issues which are yet to be resolved. In this chapter, a comprehensive outline on blockchain technology and all of its aspects is explained.

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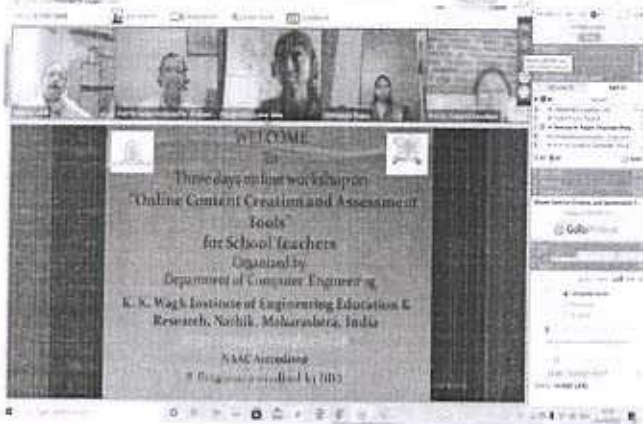
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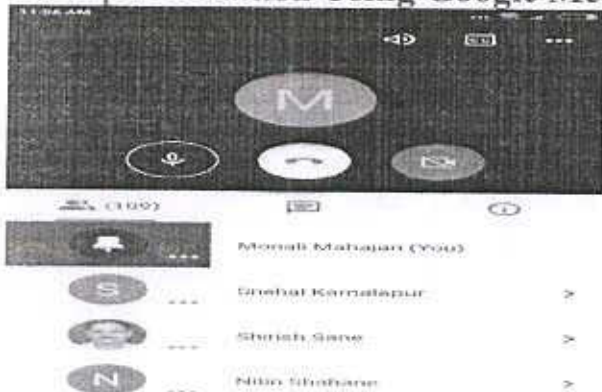


■ **3-Days State Level Online Workshop on “Online Content Creation and Assessment Tools” for School Teachers using GoToWebinar**



3-Days State Level Online Workshop on “Online Content Creation and Assessment Tools” for School Teachers was conducted from 4th June 2020 to 6th June 2020 by Department of Computer engineering, K. K. Wagh Institute of Engineering Education and Research, Nashik. With an objective to develop and improve the user’s understanding of creating a presentation, videos ,blended learning platform ,various open educational resources and to do formative assessment using online tools. The sessions were conducted by Prof. Dr. S. S. Sane , Prof. Dr. S. M. Kamalapur, Prof. Dr. Vandana Bagal, Prof. S. K. Gondhalekar , Prof. P. V. Gautam , Prof. I. Priyadarshini and Prof. K. P. Birla for three days. In total 1700 participants are benefited by the workshop. The workshop was coordinated by Prof. Dr. S. M. Kamalapur and Prof. I. Priyadarshini.

■ **Expert talk on BE Projects: Selection to Implementation Using Google Meet**



Department of Computer Engineering, organized an expert talk on BE Project: Selection to Implementation on 26th June, 2020 through google meet (<https://meet.google.com/cqr-zhoy-bxu>). Prof. Dr. P. N. Mahalle, Professor and Head, Department of Computer Engineering, Sinhgad Technical Education Society's, Smt. Kashibai Navale College of Engineering, Pune were invited as the expert speaker. He discussed various points to be considered while selecting the title for BE projects. He began the session by mentioning the four important things every student requires to get a good placement which includes, good problem solving skills, being a quick learner, able to apply the knowledge and have good soft skills. He mentioned that BE project is actually an application of knowledge gained from the first year and students should always ask oneself what problem project solves, after selecting a project title. He also mentioned to view the course objectives while selecting the topic and make sure that project revolves around these course objectives. He then mentioned the 5E’s of the project which were Energy Awareness, Efficiency Improved, Environment Friendly, Economy of Project, Effectiveness of Project. Total 89 students and faculties attended the session. The session ended with lively question and answer session. The session was very fruitful and informative. The session was coordinated by Prof. Dr. S. M. Kamalapur and Prof. M. P. Mahajan under the guidance of Prof. Dr. S. S. Sane.

■ **Expert talk on Every programmer must know... "NODE JS and RESTFUL API Development"**

More than 100 students from the final year of Computer, IT and MCA attended an online Expert talk on Topic: Every programmer must know... "NODE JS and RESTFUL API Development" Presenter: Mr. Akshay Borase, Project Engineer, Persistent Systems Ltd. The talk was arranged 04/7/2020 by dept. of computer engineering. The talk was coordinated by Prof. K. P. Birla and Prof. S. M. Malao under the guidance of Head of Department Prof. Dr. S. S. Sane.

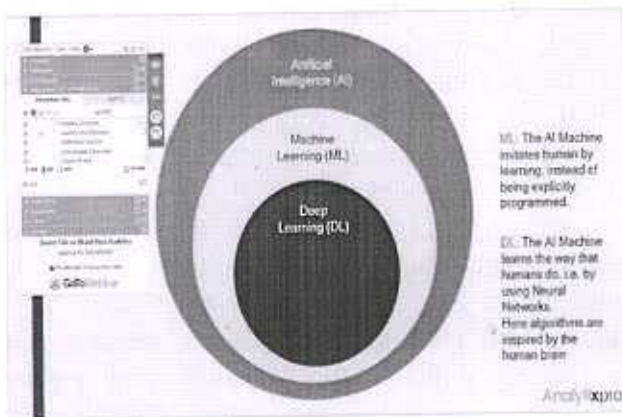




### ■ Expert talk on Topic: "Artificial Intelligence and applications of AI in the real world"

More than 100 students from the final year of Computer, IT and MCA attended an online Expert talk on Topic: "Artificial Intelligence and applications of AI in the real world" Presented by Prof. Mausami Munot (PICT) organized on 11/7/2020 by dept. of computer engineering. The talk was coordinated by Prof. K. P. Birla, Prof. N. G. Sharma, Prof. S. M. Malao under the guidance of Head of Department Prof. Dr. S. S. Sane.

### ■ Online Webinar on "AI and Data Analytics" using GoToWebinar



Online Webinar on "AI and Data Analytics" was conducted from 17th July 2020 by department of Computer engineering, K. K. Wagh Institute of Engineering Education and Research, Nashik under debuggers club. The session was conducted from 04:00 pm to 05:00 pm.

The objectives of this online webinar were  
To identify different career opportunities for Engg. students in the field of AI and data science  
To understand fundamentals of AI and data science  
Session was conducted by Mr. Megha Shyam, IBM certified Data Scientist from Hyderabad and Mr. Kiran Babu C V, Accredited Data Science Trainer. They covered the fundamental topics from AI and data science and recent trends in it. They also talked about various job prospects in AI/DS. The webinar was coordinated by Prof. S. M. Kamalapur, Prof. C. R. Patil and Prof. S. T. Patil along with staff members of Computer Engineering department.

### ■ Guidance session on How to face interviews

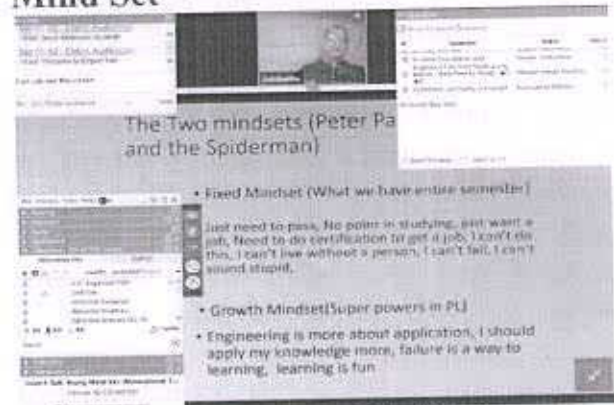
A Guidance session on "How to face interviews" by Mr. Shrikant Karode for the Final Year Computer Engineering students was organized on 23rd July 2020 by Dr. S. S. Sane, Prof. N. G. Sharma & Prof. R. H. Jadhav. The session was conducted online through GoToWebinar. Mr. Karode guided students on the following topics:

Ethics to be followed during interview  
Attitude  
Importance of communication skills  
Eye contact, dress code  
Do's and don'ts for the interview

Following Faculty members attended the session: Dr. S. S. Sane, Prof. N. G. Sharma, Prof. R. H. Jadhav and Prof. S. A. Gade

Mr. Satwik Kolhe & Prof. Dr. S. M. Kamalapur & Ms. Mrunalee Deore & Prof. J. R. Mankar, received best paper award for the research papers presented in 9th ePGCON 2020 held at AVCOE, Sangamner on 10th and 11th July 2020

### ■ Webinar on Motivational Talk: Young Mind Set



Online Webinar on "Young Mind Set" was conducted on 10th Aug 2020 by department of Computer engineering under debuggers club.

The objectives of this online webinar were

- To differentiate between fixed mind set and Growth based mind set
- To help them to change professional or personal change in their lives and within themselves.

The speaker of this session was Mr. SIDDHARTHA SHARMA, Master Trainer and Facilitator (CAMI-USA), Neuro Linguistics Practitioner. He told about how to get from a fixed mindset to a growth mindset. He gave some most beneficial points and tips to the students to concentrate on studies and achieve their goals. The session also focused on making the

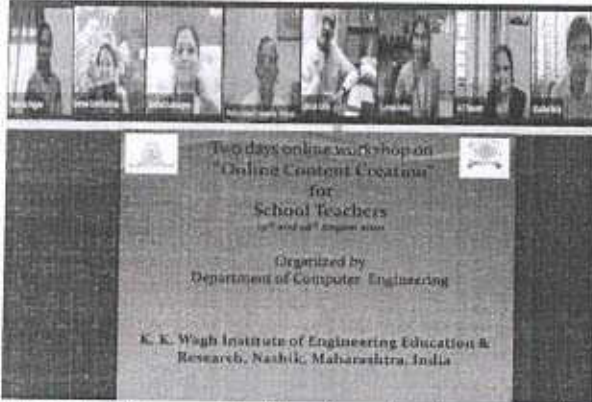






students build positive 'self- esteem 'and discover their true potential. It covered the key elements required for a student to be successful in academics and later life. The webinar was coordinated by Prof. A. V. Taware, Prof. S. T. Patil and Prof. C. R. Patil along with staff members of Computer Engineering department.

### ■ Two day state level on line workshop for school teachers on "Online Content Creation"



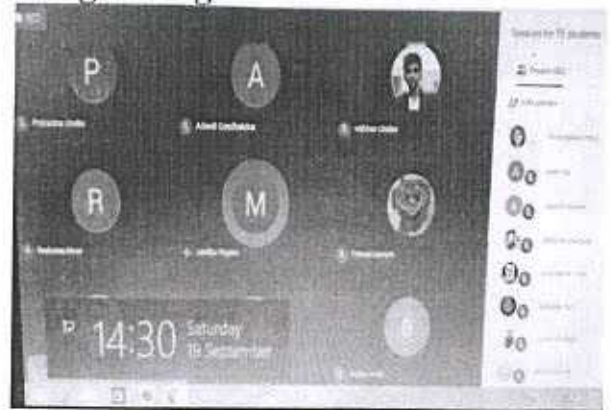
Department of Computer Engineering has organized a two day state level on line workshop for school teachers on "Online Content Creation" on 19th and 20th August 2020 with an objective of guiding the school teachers with various free and open source tools available for creating, editing videos and also to use various open educational resources to make their online teaching more effective. Due to the requirement of state board teachers the workshop was organized to address the specific needs of state board school teachers. Prof. Dr. K. N. Nandurkar Principal and Prof. Dr. S. S. Sane have E- inaugurated the workshop and various sessions for both the days were conducted by Prof. Dr. S. S. Sane, Prof. Dr. S. M. Kamalapur, Prof. S. K. Gondhalekar, Prof. I. Priyadarshini, Prof. A. V. Taware, Prof. K. P. Birla. The anchoring of the workshop was done by Prof. N. M. Pagare and coordinated by Prof. Dr. S. M. Kamalapur and Prof. I. Priyadarshini.

Rs. 20 lacs have been sanctioned by AICTE for MODROBs proposal prepared by Dr. S. S. Sane and Prof. K. P. Birla

Vaishali S. Tidake, Prof. Dr. S. S. Sane received best paper award of Euro 200 from Springer Nature for the research paper titled "Effect of distance metrics on Multilabel

Classification" presented during 1st State level Doctoral Symposium on Natural Computing Research, 2020 held at SKNCOE, Pune on 8th August 2020. Mr. Srinivas Sonkar, PhD Scholar in Computer Engineering Department completed PhD on 5th August 2020 guided by Dr. M. U. Kharat.

### ■ .Session on "Get ready technically" through Google meet



Interaction between the seniors and juniors is the most important factor in a junior's development. The session "Get ready technically" has been conducted on 19th September 2020 for the third year engineering students through Google Meet. The main objective of the session was to counsel for placement preparation and to encourage for the dream MNC jobs. The session was conducted by the current final year students Vaibhav Chalse, Vaibhav Bhavsar, Ashutosh Shrivastav, Reshima Neve, Apurva Kombade, Malika Pagare of Computer Engineering who have placed in various MNCs through online campus placement drives. They have shared their views and experiences and guided for placement preparation. Third year students were encouraged and came forward to ask the questions related to coding rounds, books, sites, criteria's and many more. The session was really informative and it was more like peer to peer interaction than senior junior one. It was coordinated and planned by Prof. Priya D. Rakibe under the guidance of Dr. S. S. Sane, Head, Department of Computer Engineering, KKWIEER, Nashik



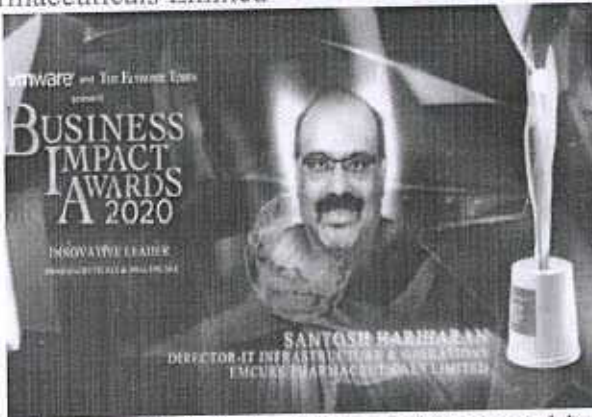


Department of Computer Engineering  
K.K. Wagh Institute of Engineering Education and Research, Nashik.

TECHTIMES

NEWS LETTER A. Y. 2020-2021 SEM I

Our alumnus Mr Santosh Hariharan has been recognised as 'INNOVATIVE LEADER' in the Business Impact Awards 2020 by VMware and The Economic Times. The Innovative Leader award celebrates Mr Hariharan's work in the Pharmaceutical & Healthcare sector. Mr Hariharan is a 1994 graduate (Computer Engineering) and is currently the Director - IT Infrastructure & Operations at Emcure Pharmaceuticals Limited

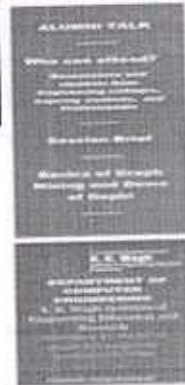


Our alumnus Dipti Kulkarni has been selected in Top 100 in the 2020 HERoes Future Female Leaders list by Involve People supported by Yahoo Finance UK. Dipti Kulkarni is a 2002 graduate (Computer Engineering) and is currently the Vice President-Senior Business Support Manager at Bank of America.



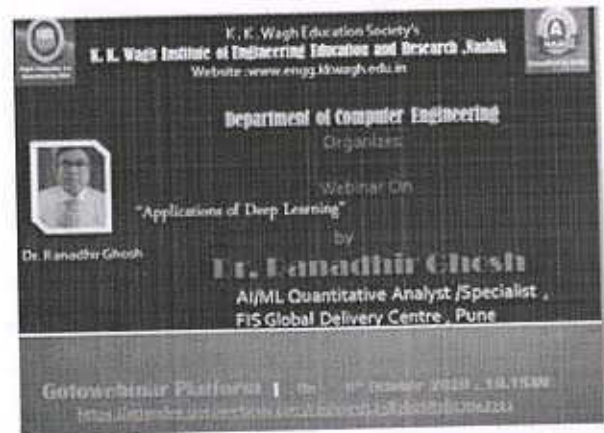
■ Online webinar on "Basics of Graph Mining and Demonstration of Gephi"

A webinar on "Basics of Graph Mining and Demonstration of Gephi" was conducted on 6<sup>th</sup> October 2020, by Department of Computer Engineering, K. K. Wagh Institute of Engineering and Education Research. The session was conducted by Ms. Prajakta Vispute, ph D research scholar, Ex-Faculty KKWIEER. The main objective of the session was to introduce the concept and applications of Graph Mining and to demonstrate various



features in Gephi. During the session, she discussed various real world application of graph mining along with the demonstration of Gephi tool. The session was attended by around 115 students of Final year Computer Engineering and was coordinated by Prof. J.R.Mankar and Prof.I.Priyadarshini under the guidance of Head of Department Prof. Dr. S. S. Sane.

■ Online webinar on "Application of Deep Learning"



A webinar on the topic "Application of Deep Learning" was conducted on 09<sup>th</sup> October 2020 at 10:15 AM to 12.00 noon at department of Computer engineering, K. K. Wagh Institute of Engineering and Education Research, Nashik. The session was conducted by Dr. Ranadhir Ghosh, AI/ML Quantitative Analyst /Specialist, FIS Global Delivery Centre, Pune. He discussed about the basic framework and components of convolution networks. He also demonstrated various real world applications of deep learning like handwritten digit recognition, text classification and time series prediction using CNN. The session was coordinated by Prof. Dr. S.S. Sane and J R Mankar.





### ■ Online webinar on “Applications of Artificial Intelligence”



A webinar on “Applications of Artificial Intelligence” was conducted on 29<sup>th</sup> October 2020 by Department of Computer Engineering, K. K. Wagh Institute of Engineering Education and Research, Nashik. The session was conducted from 03:30 pm to 5:00 pm. The objective of this online webinar was to have a basic understanding of some of the more advanced topics of AI such as learning, natural language processing. Prof. Dr. S. S. Sane, Head, Department of Computer Engineering addressed the participants during inaugural session and briefed about the Artificial Intelligence. The session was conducted by Mr. Prathamesh Karmalkar, Data scientist, Text analytics at Merck Life Science, India. He covered the topics like building a semantic search engine, exploring elastic search as alternative to Faiss, improving search with supervised learning, elastic search vs faiss comparison. He also informed about the importance of AI degree.

A webinar on the topic “Entrepreneurship & Startup development” was conducted online on 29th October 2020 AT 3.00PM .The expert for the session was Mr. Sudhir Gorade, CEO, Sumago Infotech Pvt. Ltd. Nashik. He had covered the points - observations from data and market research, business/start up ideas, problem statement formulation, solution and implementation plan, competitive analysis and benchmarking, distinction over peers and why you can provide better service / product etc. Students learned the things which they are going to use in near future and they were encouraged and came forward to ask the questions related to their career .The session was coordinated by Prof. P. D. Rakibe under the guidance of Prof. Dr. S. M. Kamalapur, and Prof. Dr. S. S. Sane, Head department of Computer Engineering, KKWIEER, Nashik

### ■ Expert talk on “Discrete Mathematics”



An expert talk on the topic “Discrete Mathematics” was conducted on 31st October 2020, 11.15 am to 12.30 pm at department of Computer engineering, K. K. Wagh Institute of Engineering and Education Research, Nashik. The session was conducted by Mr. Ketan Lohar, Vice President, Winjit Technology, Nashik. Various real world applications along with sample use cases were discussed in the session. The session was coordinated by Prof. Dr. S M Kamalapur, and Prof J R Mankar Computer engg. dept., under the guidance of Head of Department Prof. Dr. S. S. Sane.

### ■ Online webinar on “Entrepreneurship & Startup development”

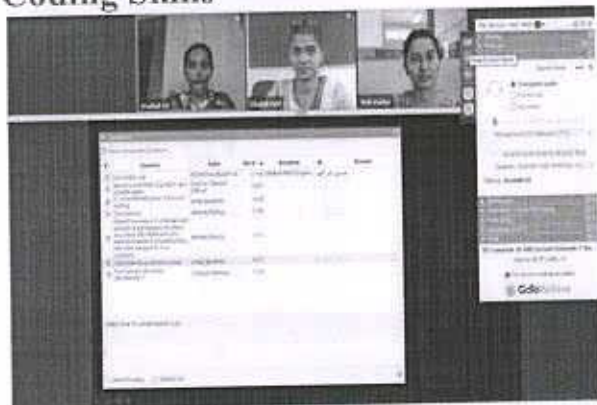




### ■ An expert talk on “Multi-label Classification”

An Expert talk on “Multilabel Classification” was conducted on 6<sup>th</sup> November 2020 at 10:15 am to 11.15 am by department of Computer engineering, K. K. Wagh Institute of Engineering and Education Research, Nashik via goto webinar. The session was conducted by Prof. Vaishali S. Tidake, Associate Professor, and Department of Computer Engg. NDMVP'S KBT COE, Nashik. She discussed about concept of Multilabel Classification , its applications and demonstration. It was a very interactive session and helpful for the students from project point of view. The session was coordinated by Prof. Dr. S.S. Sane, J R Mankar and N G Sharma.

### ■ Online Expert Talk on “Coding Standards and Techniques to Improve Coding Skills”



Online Expert Talk on “Coding Standards and Techniques to Improve Coding Skills” was conducted on 6<sup>th</sup> Nov.2020 at 1.00pm to 2.00pm. at department of Computer engineering, K. K. Wagh Institute of Engineering and Education Research, Nashik. The session was conducted by Ms.Vrushali Gill, Database Administrator, FinIQ, Nashik. Main objectives of session were to know different coding standards used in Industry and to understand the different Techniques to improve coding skills. The session was attended by Second Year students for Course Fundamental of Data Structures. The session was coordinated by Prof. C R Patil, and Prof S T Patil , Computer Engg. Dept.,under the guidance of Head of Department Prof. Dr. S. S. Sane.

### ■ An expert talk on “Taxes and understanding financial statement”



An expert talk on “Taxes and understanding financial statement” was conducted online on 28th November 2020, 10.15am to 11.45am through Gotowebar platform. Department of Computer Engineering, K. K. Wagh Institute of Engineering Education and Research, Nashik had organized this session with the motive to introduce students about taxes and financial statements. The session was conducted by Mrs. Rutuja Baste Jadhav, Partner R. S. Baste & Co. Chartered Accountant, Nashik. She had covered following points: Tax laws and regulations, Financial Statement, Balance sheet, Income Statement, Cash Flow Statement. The session was coordinated by Prof. S. D. Jadhav and Prof. P. D. Rakibe under the guidance Prof. Dr. S. S. Sane, Head department of Computer Engineering, K. K. Wagh Institute of Engineering Education and Research, Nashik.

Prof. Dr. Shirish S. Sane & Prof. Vaishali S. Tidake, received best paper award for the research paper titled “Efficient Multi-label Classification using Attribute and Instance Selection” presented on International conference on Intelligent Systems, Data Science and Computing (ICIDC-2020) organized by Shri Ramdeobaba college of Engineering and Management, Nagpur on 25-28th Nov 2020.

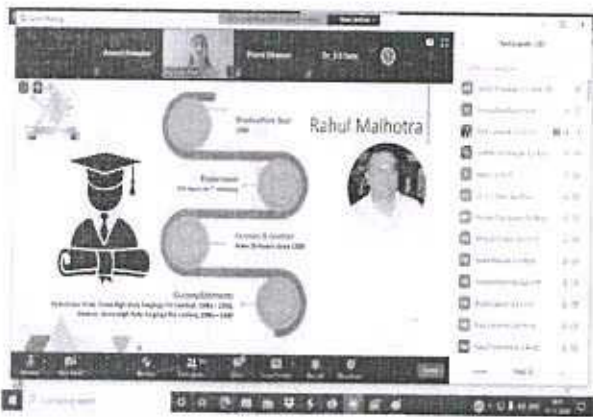




K K Wagh Institute of Engineering Education and Research Nashik is chosen to be training center of AWS Academy. AWS Academy provides higher education institutions with a ready-to-teach cloud computing curriculum that prepares students to pursue industry-recognized certifications and in-demand cloud jobs. It helps teachers stay at the forefront of AWS Cloud innovation so that they can equip students with the skills they need to get hired in one of the fastest-growing industries.

The academy works in partnership with a UGC/AICTE approved university/institute and AWS to offer a multitude of courses like

1. Foundation Level - AWS Cloud Foundations OR AWS Machine Learning Foundations
2. Associate Level - AWS Cloud Developing OR Cloud Operations OR Cloud Architecting
3. AWS Academy Data Analytics



Panel Discussion on Scope and Career opportunities in Computer Engineering, Information Technology and Artificial Intelligence & Data Science was conducted by Department of Computer Engineering, Information Technology and Artificial Intelligence & Data Science on 11th November 2020 at 4:00PM. Mr. Rahul Malhotra, Mr. Suchit Tiwari, Mr. Akshay Deshpande, Ms.Snehal Behre-Jog, Mr. Rushikesh Jadhav, Mr. Ravi Zha, Ms.Anju Sudheendran, Mr. Nikhil Bhavsar, Mr. Prashant Bhende were the Panelist for Panel Discussion. Dipti Kasliwal initiated the panel discussion. Prof. Dr. K. N. Nandurkar, Principal briefed about Institute. Prof. Dr. S. S. Sane, Head Computer Engineering & AI-DS and Prof. Dr. P. D. Bhamare, Head, Information Technology briefed about the Department.

Mrs. Snehal Behre-Jog Moderated the Panel Discussion. The Panel Discussion was interactive as aspirants and students asked many queries which were answered by the Panelist. More than 180 participants attended the Panel Discussion.

The meeting with IBM for IBM ICE Programs- Partnering with IBM for the Institute, Teachers & Students was conducted on Tue Nov 24, 2020 3:30pm - 4:30pm (IST). Senior faculty from Computer Engineering, IT and MCA department were present for the meeting. Meeting was coordinated by Mr. Sanjeev Mehta from IBM, Suresh Joshi from Cache Technologies, Pune and Prof. S. K. Gondhalekar from department of Computer Engineering. This meeting is for discussion about the Partnership with IBM ICE programs which offers B.Tech/Technology specialization programs are futuristic and industry aligned. IBM interacts with the Universities/Higher Education Institutes and together design and delivers these integrated courses and IBM Innovation Centre for Education offers various programs to suit the varying needs of graduation students in collaboration with Education Institutes with IBM acting as the Knowledge Partner and the Education Institute acting as the Academic Partner. Dr. S. S. Sane mentioned past associations the IBM and suggested for IBM Innovation or excellence Centre to conduct certificate courses for students and faculty and students internship also. He suggested that we can think design and deliver integrated courses for MBA. Future discussions and meeting regarding this is planned with Mr. Suresh Joshi.





**Seminars/Workshop/Training attended by staff:**

- Prof. P. D. Rakibe Quiz on design and Analysis of Algorithms by Computer Department attended on 2nd June 2020
- Prof. N. G. Sharma, Prof. N. S. Sonawane, Prof. R. H. Jadhav, Prof. S. M. Malao, Prof. A. V. Kolapakar, Prof. P. P. Vaidya, Prof. J. R. Mankar, S. A. Gade attended Online workshop on ICT Tools for Collaboration by IQAC KKWIEER, Nashik on 1st and 2nd June 2020
- Prof. S. A. Gade attended Online Quiz on SOFT COMPUTING AND OPTIMIZATION ALGORITHMS by MET, Nashik from 1st to 3rd June 2020
- Prof. J. R. Mankar, Prof. P. P. Vaidya attended Webinar on Outcome based Education Software, Vmedulife software services, Bangalore
- Prof. R. H. Jadhav, Prof. S. M. Malao, Prof. A. V. Kolapakar, Prof. P. P. Vaidya, Prof. J. R. Mankar, S. A. Gade attended Three days state level online workshop on "Online content creation and assessment tool" by Computer Department from 4th to 6th June 2020
- Prof. P. D. Rakibe, Prof. R. H. Jadhav attended Webinar on Data Analytics with power BI, K K Wagh Polytechnic, Nashik on 6th June 2020
- Prof. S. M. Malao, Prof. A. V. Kolapkar attended Webinar "INTRODUCTION TO MACHINE LEARNING AND ITS APPLICATION" Electrical Engineering, KKWIEER, Nashik on 8th June 2020.
- Prof. Dr. S. M. Kamalapur, Prof. S. K. Gondhalekar attended One week FDP on Exploring the Dimensions of Innovation, Incubation and Emerging Technologies to Embrace Post COVID Change, Finolex Academy of Management & Technology, Ratnagiri from 8th to 12th June 2020.
- Prof. N S. Sonawane, Prof. S. M. Malao attended Webinar on "Leadership and Governance from NBA Perspective" Rajarambapu Institute of Technology, Rajaramnagar (RIT), Islampur, Dist. Sangli & Global Engineering Dean's Council India Chapter (GEDC India Chapter) on 23rd June 2020.
- Prof. N S. Sonawane attended International Technical Webinar on "Interpretable Machine Learning with Probabilistic Graphical Models" by M.G.M.'s College of Engineering, Nanded on 27th June 2020
- Prof. S. M. Malao attended Webinar on Artificial Intelligence And Data Analytics IEEE SIT student branch, Sinhgad Institute of Technology, Lonawala on 28th June 2020.
- Prof. M. P. Mahajan, Prof. N. S. Sonawane, Prof. Dr. S. M. Kamalapur, Prof. S. M. Malao, Prof. A. V. Kolapakar, Prof. P. P. Vaidya, Prof. J. R. Mankar, M. J. Patil, S. A. Gade attended Webinar on Introduction to Computer Vision by Computer Department on 29th June 2020.
- Prof. S. A. Gade, Prof. P. D. Rakibe attended Webinar on Filing Patent in India on 1st August 2020.
- Prof. A. V. Kolapkar attended Webinar on Filing Patent in India on 1st August 2020.
- Prof. P. D. Rakibe attended Webinar on NEP 2020 on 2nd August 2020
- Prof. K. P. Birla attended Webinar Augmented Reality & its Applications on 5th August 2020.
- Prof. Dr. S. M. Kamalapur attended Webinar on "Preparation of Quality Journal Papers & Book Chapters" on 5th August 2020.
- Prof. A. V. Kolapkar attended Webinar on Introduction to Brain Computer Interface on 08th August 2020.
- Prof. A. V. Kolapkar attended One Week National Level FDP on Computer Networks Simulation using NS2 on 10th August 2020
- Prof. S. A. Gade attended Webinar on Augmented Reality & its Applications on 18th August 2020.
- Prof. S. A. Gade attended Webinar on W9-Continuous Improvement, Institutional Governance and Support System on 18th August 2020.
- Prof. A. V. Kolapkar attended Webinar on Cloud Computing on 19th August 2020.
- Prof. M. J. Patil attended Webinar on W10-Assessment of COs,POs and PSOs on 20th August 2020.
- Prof. R. H. Jadhav, Prof. S. A. Gade, Prof. N. M. Pagare, Prof. G. R. Gupta attended Webinar on Patent Protection for Innovation Driven Academic Institutions on 29th August 2020.





Department of Computer Engineering  
K.K. Wagh Institute of Engineering Education and Research, Nashik.

TECHTIMES

NEWS LETTER A. Y. 2020-2021 SEM I

- Prof. Dr. S. M. Kamalapur, Prof. P. P. Vaidya , Prof. S. M. Malao attended One week STTP on Developing Pedagogy for Effective implementation of OBE in Engineering Institutes from 31st August 2020 to 5th September 2020
- Prof. N. M. Pagare , Prof. G. R. Gupta attended FDP on "Machine Learning and Data Science" from 31st August 2020 to 4th September 2020.
- Prof. P. D. Rakibe attended Two Days TEQIP-III Sponsored FDP on Trends and Application in Machine Learning and Deep Learning on 4th and 5th September 2020
- Prof. S. A. Gade attended STTP on Moral, Ethics and Values in Education from 7th to 12th September 2020.
- Prof. R. H. Jadhav , Prof. I. Priyadarshini , Prof. N. G. Sharma attended Webinar on Big Data on 9th September 2020.
- Prof. S. K. Gondhalekar attended One Week Online Short Term Training Program (STTP) on "Block chain in DevOps: Implementing Transparent Continuous Delivery" from 14th to 19th September 2020.
- Prof. N. M. Pagare , Prof. G. R. Gupta attended Webinar on "Glimpses of IPR and Recent Trends on 18th September 2020.
- Prof. M. J. Patil , Prof. M. N. Shinde attended FDP on Artificial Intelligence and Machine Learning Applications in Biomedical Engineering from 21st to 25th September 2020.
- Prof. N. M. Pagare , Prof. G. R. Gupta , Prof. S. A. Gade attended AICTE Training And Learning (ATAL) Academy Online FDP on " Design Thinking from 21st to 25th September 2020
- Prof. P. D. Rakibe attended National Level one week FDP (Online-Mode) on "Future Trends Technology-IoT, Robotics & Ai" from 21st to 29th September 2020.
- Prof. M. P. Mahajan , Prof. C. R. Patil , Prof. S. K. Gondhalekar , Prof. S. T. Patil attended 3 days online workshop on "Emerging Technologies in Engineering" from 24th to 26th September 2020
- Prof. P. P. Vaidya, Prof. J. R. Mankar, Prof. M. N. Shinde attended One week Online FDP on "Data Science for Engineering Problem Solving" on 5th October 2020 to 10th October 2020.
- Prof. N. S. Sonawane, Prof. V. N. Suryawanshi attended 5 days AICTE Training And Learning (ATAL) Academy FDP on Immersive Virtual Reality from 5th October 2020 to 9th October 2020.
- Prof. S. D. Jadhav attended 5 days AICTE Training And Learning (ATAL) FDP on Artificial Intelligence from 5th October 2020 to 9th October 2020
- Prof. D. M. Kanade attended Online FDP on Cyber Crime & Security from 5th October 2020 to 17th October 2020
- Prof. R. H. Jadhav, Prof. I. Priyadarshini, Prof. N. G. Sharma attended 5 days AICTE Training And Learning (ATAL) Academy FDP on "Data Sciences" from 20th October 2020 to 24th October 2020
- Prof. S. A. Gade attended 5 days AICTE Training And Learning (ATAL) Academy FDP on "Internet of Things (IoT)" from 26th October 2020 to 30th October 2020.
- Prof. K. P. Birla attended 5 days AICTE Training And Learning (ATAL) Academy FDP on "Augmented Reality (AR)/ Virtual Reality (VR)" from 26th October 2020 to 30th October 2020.
- Prof. S. T. Patil, Prof. S. D. Jadhav, Prof. P. D. Rakibe attended AICTE Sponsored 6 Days STTP Cybersecurity And Blockchain Technology from 26th October 2020 to 31st October 2020
- Prof. S. M. Malao, Prof. S. T. Patil, Prof. K. P. Birla, Prof. N. M. Pagare, Prof. S. D. Jadhav, Prof. G. R. Gupta, Prof. A. V. Tavare attended Webinar on IEEEExplore Digital Library: Orientation Workshop on 29th October 2020
- Prof. S. A. Gade attended Symposium On Internet of Things (SIoT-2020) on 31st October 2020
- Prof. C. R. Patil attended 3 Days online workshop on 'Intellectual Property Rights' from 9th Nov to 11th Nov 2020.
- Prof. A. V. Tavare, Prof. N. M. Pagare attended 2-Weeks Comprehensive Online Patent Information Course from 21st Oct to 4th Nov 2020
- Prof. S. A. Gade attended AICTE Sponsored Short Term Training Program on Robotics Process Automation Tools and Technics from 2nd Nov to 7th Nov 2020
- Prof. G. R. Gupta, Prof. S. A. Gade attended ATAL FDP on Artificial Intelligence from 2nd Nov to 6th Nov 2020.





### Papers Presented by Staff and Student

**Title of Paper :** Shared Data Plane: Tenant-Aware, Shared Context for Functions in Serverless Computing

**Author:** Satwik Kolhe , Dr. Snehal Kamapur

**Organizer:** cPGCON 2020 , Amrutvahini College of Engineering , Sangamner

**Abstract:** Software architecture has evolved from monoliths to microservices; Serverless computing, specifically Functions as a Service (FaaS), brings in a completely new approach in terms of granularity of functional modules and their execution pattern. Though serverless computing is understood as an event-driven model, it has a lot to offer than just deploying event-driven systems. For any application, data is an integral part that shapes the design and execution pattern. Serverless Architecture confines the size and methods in which data can be shared between individual functions. Current FaaS platforms like AWS Lambda, Azure Functions, Apache OpenWhisk; provide a limited scope in which data can be shared between individual functions; which is often addressed interchangeably as Execution Context or Shared Context. The nature of the execution context is ephemeral, which introduces additional latency to cold starts. The restricted and finite amount of space made available for execution context also confine application design, limiting the types of applications that could benefit from serverless computing. This paper addresses such issues by introducing a methodology to define tenant aware, function-specific shared data plane. This shared data plane is transparent to function code and provides localized data referencing. This paper describes the architecture of Shared Data Plane together with optimizations to Apache OpenWhisk exemplified on an inference use-case requiring a large size pre-trained model. This approach of shared data plane shows improvements to the architectural design of serverless applications with increased performance and throughput of highly parallel stateless function invocations.

**Keywords—** Serverless Computing, Functions as a Service (FaaS), Apache OpenWhisk, Ceph

**Title of Paper :** Data Balancing Technique for Multi-Class Imbalanced Problems

**Author:** Deore Mrunalee C , J.R. Mankar

**Organizer:** cPGCON 2020 , Amrutvahini College of Engineering , Sangamner

**Abstract:** The imbalanced dataset contains skewed distribution of data. Such data distribution generates difficulties for machine learning algorithms. These algorithms also fail to generate accurate results in case of data imbalance, overlapping of class boundaries and hybrid datasets. Various techniques proposed in a literature to balance a dataset using oversampling or under sampling methods. The study of these techniques is done independently. A little work has been done with the combined study of these two techniques. The proposed system focuses on the study and implementation of oversampling and under-sampling together to balance a dataset. The technique is generalized for hybrid datasets. Cluster based under sampling approach is used followed by the Mahalanobis Distance-based Over-sampling technique. The data will be tested on multiple hybrid datasets and classification accuracy using C4.5 algorithm will be evaluated. The accuracy results will be compared with the individual oversampling and under sampling approach.

**Keywords—** Oversampling, under sampling, hybrid dataset, Mahalanobis distance, cluster based under sampling, Imbalance data, Classification

**Title of Paper :** “Effect of distance metrics on Multilabel Classification”

**Author:** Vaishali S. Tidake , Prof. Dr. S. S. Sane

**Organizer:** First State level doctoral symposium, SKNCOE Pune, 8<sup>th</sup> August 2020

**Abstract:** Multi-label framework is suitable to represent lot of data in the real world. Various multi-label classifiers extract information from neighbors and utilize it for the purpose of classification. ML-kNN is currently the best known algorithm. Instances in multi-label data are associated with multiple labels.







Therefore in addition to take into account feature similarity, considering labels also for finding neighbors of known instances may be useful to improve performance of multi-label classifier. This paper presents novel algorithm, called MLFLD-MAXP which is an extension of our algorithm MLFLD. It first searches neighbors using feature similarity as well as label dissimilarity and estimates probabilities using labeled data. It then predicts labels for unlabeled data. In case no label is predicted for an instance, a label with maximum probability is associated with such instances. Empirical evaluation shows improved performance of MLFLD-MAXP when compared with other multi-label classification algorithms including ML-kNN. Algorithms such as MLFLD-MAXP or any kNN based algorithms such as ML-kNN need to make use of certain distance metrics such as Euclidean and choice of distance metric may affect the performance of the classifier. This paper studies the impact of various distance metrics. Empirical evaluation shows improved performance of MLFLD-MAXP when compared with other multi-label classification algorithms including ML-kNN. Use of Minkowski distance metric leads to superior performance of MLFLD-MAXP as compared to the use of other distance metrics.

*Keywords: Classification, multi-label, feature similarity, distance metrics, nearest neighbor*

**Title of Paper :** Deep Learning Based Dietary Assessment System

**Author:** Harshada Shirsat, Sanyami Sonawane, Rutuja Surywanshi, Gauri Jadhav

**Organizer:** International Research Journal of Engineering and Technology

**Abstract:** Road quality checking is of vital importance for the traveling comfort and driving safety. While high-end automobiles are already equipped with road detection function, most mid-range cars can only detect and evaluate road conditions leveraging modeled or additional hardware devices built on vehicles, thereby constraining the road quality checking. For low cost budgeting smartphone is used as it already have inbuilt sensors. The acceleration sensor and gyroscope have fluctuations when the vehicle passes through the larger pothole,

and there is a connection between them. A novel road detection approach based on Mahalanobis-Taguchi system (MTS), leveraging smartphones for data collection and involving the correlation between characteristics is used. The application was developed to collect and process the data, and then classify road quality conditions. In addition to experiment quality of newly constructed road is checked in certain intervals of time. The strategy of marking road conditions to the navigation map and providing road quality check report can effectively improve not only driving experience and traveling comfort but also driving safety, thereby providing more supports for the maintenance units.

*Key Words: Road Quality Detection, Smartphone, Mahalanobis-taguchi System (MTS), Road Surface Condition, Driving Safety, Accelerometer Data.*

**Title of Paper :** Efficient Multi-label Classification using Attribute and Instance Selection

**Author:** Shirish S. Sane, Vaishali S. Tidake

**Organizer:** Ramdeo Baba COE, Nagpur 25-28th Nov 2020

**Abstract:** Both attribute and instance selection is proven to be beneficial to reduce the computational complexity of classifiers while improving their accuracy. Instances in multi-label data are associated with multiple labels. Hence the process of attribute selection from multi-label data is different as compared to single-label classification. Either transformation or adaptation approaches are used by various researchers while performing attribute selection. In this paper, attribute selection and sampling are performed on the multi-label data. This pre-processed multi-label data is then fed to the proposed algorithms, namely MLFLD and its extension MLFLD-MAXP. An empirical evaluation is carried out to study the behaviour of proposed multi-label classifiers. The methods used in this work are defined as algorithms MLFS, MLIS, and MLFSIS. Comparing proposed algorithms with and without MLFS, MLIS, and MLFSIS has shown the effectiveness of using only sampling or attribute selection followed by sampling on multi-label data.





Attribute and instance selection together are noticed to be very useful for the performance enhancement of proposed algorithms over only attribute or instance selection.

Keyword: Multi-label classification, Sampling, Attribute selection, Sample size

**Title of Paper** : Performance Evaluation of Community Detection Algorithms in Social Networks Analysis

**Author:** Prajakta Vispute, Dr. Shirish Sane

**Organizer:** International conference on Intelligent systems coma data science and computing (ICIDC-2020) Ramdeo Baba COE, Nagpur

**Abstract:** In social network analysis, community identification unveils properties shared by nodes like area of research, communication, common interest and many more. The evolving nature of social networks necessitates dynamic community detection methods. To handle the continuous change in data, improved community detection algorithms are introduced in various applications. To find communities in dynamic SNA, static community detection methods can be used to generate base communities, which then can be modified for dynamic data. This paper deals with selection of suitable algorithm for detection of communities from static data based on different performance parameters and thus could be used for efficient detection of dynamic communities

**Key Words:** Network analysis, Graph mining, Community detection, Dynamic community detection.



# Faculty Development Program


One Week FDP on Python Programming

Dr. Babasaheb Mohite



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**One Week Faculty Development Program on "Python"**  
27th to 31st April 2020



Department of Computer Engineering  
PCCOE, PUNE

**REGISTRATION DETAILS**

Participants should register on the link: <https://forms.gle/TK1ad9r8t9w7s42>

**REGISTRATION & ENQUIRY**  
Ms. Pooja Pawar - 9800455545

**IMPORTANT DATES**  
1) Brochure Material Available Shared on google drive - 15/04/2020 11:30 AM  
2) Last Date of Registration - 26th April 2020  
3) Last Date of Registration - 26th April 2020

**REGISTRATION DETAILS**

Participants should register on the link: <https://forms.gle/TK1ad9r8t9w7s42>

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**More pages**

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Microsoft's Innovation Center Regional Meet, Mumbai

One visit to Missing Link of Mumbai Pune Experience of IIT Bombay Maharashtra

One Week OJIT Faculty Development Program on "Emerging Trends in Cyber Security And Digital Forensics"





**SANDIP  
FOUNDATION**

**Sandip Foundation's  
Sandip Institute of Technology & Research Centre, Nashik  
Department of Management Studies  
Academic Year 2019-20  
Webinar on Personal Security Learn, Do Check**

\*\*\*\*\*

**Event Title: Webinar on "Personal Security Learn, Do Check"**

**Date: Monday, 18<sup>th</sup> May 2020.**

**Conduction Duration: 2Hours**

**Resource Person: Mr Vikas Naik (Security Consultant, Department of Law Enforcement,  
Maharashtra)**

**Coordinator: Prof Sarika Patil**

**Objective:**

- 1. To make students & other Participants aware about Cyber Security, Cyber Frauds**
- 2. To Guide students & other Participants on how to protect from cyber crime**

**About The Program:** Department of Management Studies had organized Webinar on **Personal Security Learn, Do Check**. The session was conducted by **Mr Vikas Naik Security Consultant, Department of Law Enforcement, Maharashtra**). With development of Internet age it has definitely followed by the increase in number of cyber crime. and in this lock down period the number of cases of internet fraud or technically what we can say the cyber crime has increased. The guest speaker in his speech highlighted on what are the various cyber crime and frauds taking place around such as hacking of personal data, banking frauds, website hacking and so on. he also guided on how these crime can be reduced or how can we become aware about all these and can safeguard ourselves from becoming the victim. He also said that nothing is safe when we use the internet or various other digital platforms. The speaker shared some websites where we can check whether our personal data is safe or it is being hacked. He also shared few websites which we must browse so that the chance of our data being robbed and



misused becomes minimal. The session was mostly interactive and participants asked various questions related to personal security and they were completely justified satisfactorily by the speaker .

**Outcome:**

1. *Students and Participants became aware about the various cyber crime and cyber frauds*
2. *Students and Participants came to know how to safeguard our data being hacked*

**Photograph:**



Vikas Naik



 **Android + iOS**  
Included in Brave!

 **Android**  
Included in Tor for Android!

 **iOS**  
Included in Orion Browser!

HTTP Everywhere is produced as a collaboration between [The Tor Project](#) and the [Electronic Frontier Foundation](#). Many sites on the web offer some limited support for encryption over [HTTPS](#), but make it difficult to use. For instance, they may default to unencrypted HTTP, or fill encrypted pages with links that go back to the unencrypted site. The HTTP Everywhere extension fixes these problems by using client-side JavaScript to rewrite requests to these sites to HTTPS. Information about how to access the project's Git repository and get involved in development is [here](#).

Vikas Naik's screen



**DASHLANE**    HOW IT WORKS    PLAN    BUSINESS    ABOUT US

Resist hacks by using Dashlane's password generator tool

'S\*.\_=&Q48zSfq\*QDHycg^x@7jJNdp^\*\_=[x Aa\_]

Strong password

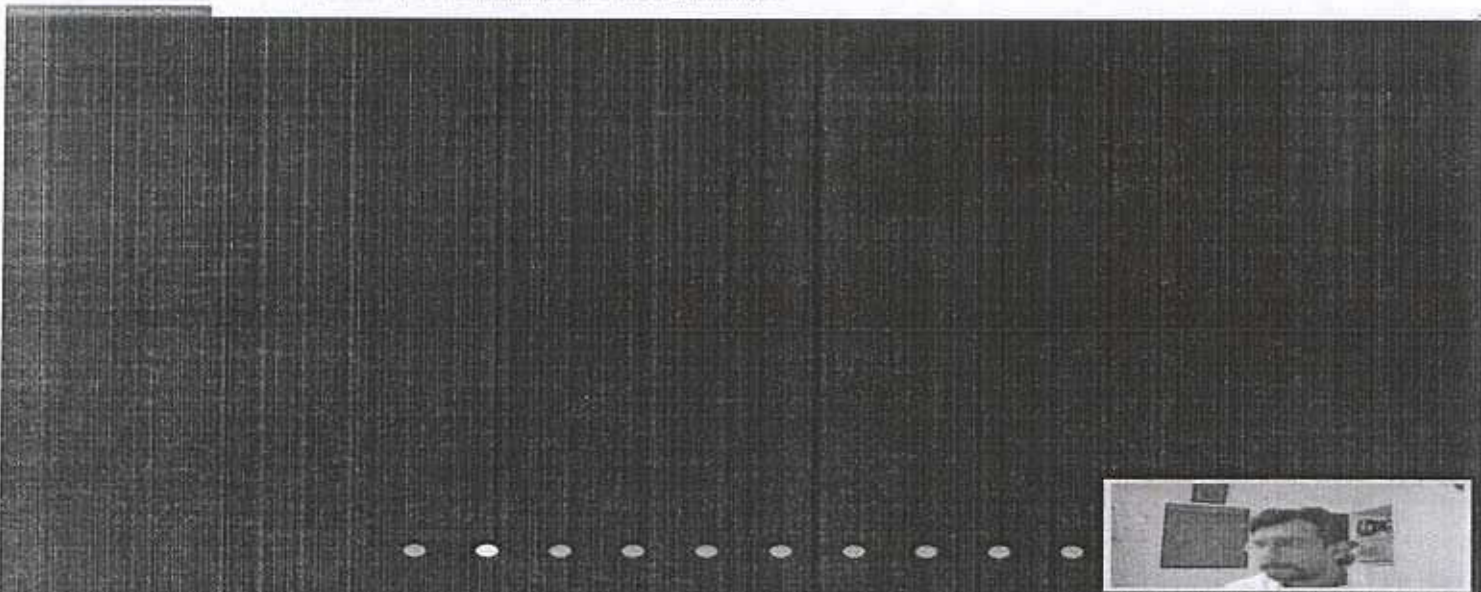
Length: 40

Vikas Naik's screen

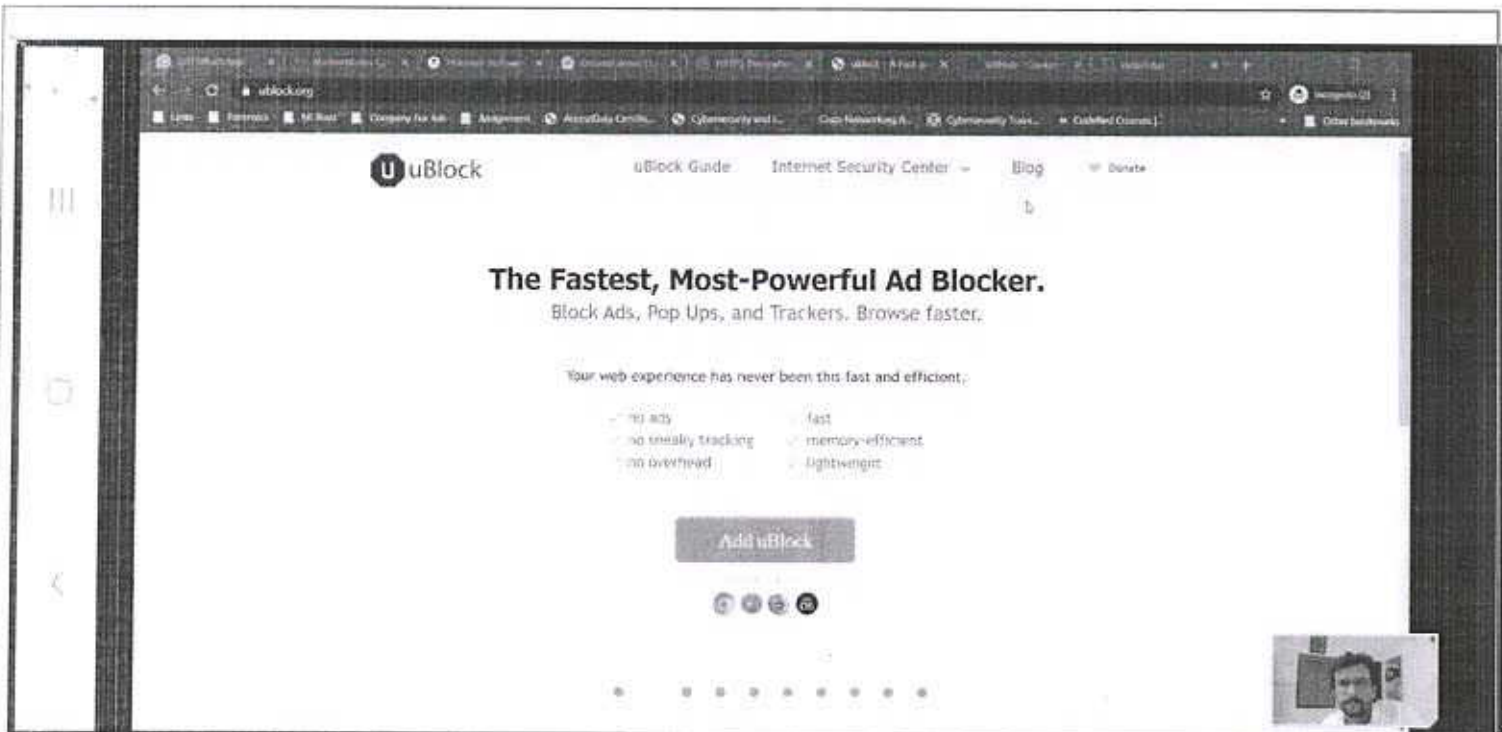


**YOUR ONLINE SAFETY IS AT RISK**

Password theft is a serious problem. The websites and apps that you use are under attack every day. Security breaches occur and your passwords are stolen. When you reuse the same passwords everywhere hackers can







Zeal Education Society's

**Zeal Institute of Business Administration, Computer Application & Research**

Sr. No. 39, Narhe, Pune - 411041, Phone No. 020-67206031, Website: www.zibacar.in

(Approved by A.I.C.T.E., Recognized by DTE (Govt. of Maharashtra) and  
Affiliated to Savitribai Phule Pune University)

# REPORT

On

## MCA Syllabus Content Development Workshop

*(Sem-II, 2019 pattern)*

Date: 09 November 2019

Time: 09:00 am - 05:30 pm

Report Prepared By:

Prof. Madhavi Shamkuwar Assistant Professor, ZIBACAR

Report Verified By:

Dr. Amod Markale, Director, ZIBACAR



## EVENT DETAILS

Event Type	:	Curricular
Description	:	The workshop intended to finalize the Syllabus, CO-PO mapping and Question paper pattern.
Venue	:	Conference Hall (Ground floor)- ZIBACAR
Date & Duration	:	09 November 2019 09:00 am - 05:30 pm
Reference	:	BoS Chairman, SPPU, Pune

### 1. CONCEPTION OF THE PROGRAMME

Savitribai Phule Pune University changes Syllabus after every three years to meet the growing industry demand for students with more practical knowledge. In 2019, syllabus of MCA programme is designed as per International Accreditation standards specified by Accreditation Board for Engineering, and Technology (ABET). It was decided by the BoS Chairman, members and other faculty members to conduct multiple Workshop to develop the contents of each course of each Semester by taking views of all members.

### 2. OBJECTIVES

- To design syllabus of each Course by taking views of faculty members.

### 3. PREPARATION OF THE EVENT

Preparation of the Programme began one month before. An Online registration form and Invitation was circulated among MCA faculty members through email and whatsapp. Invitation letter were also send to BoS Chairman, BoS members, Subject group leaders. Around 90 faculty members registered for the Workshop for five different subjects from Pune, Ahmednagar, Nashik. Separate classroom were made ready for every Course and Course coordinator was allotted for the same. Budget was approved for this Workshop.

*(Annexure-I- Online registration form)*

*(Annexure-II- Invitation letter)*

*(Annexure-III- Seating arrangement)*



#### 4. ITINERARY

A detailed Schedule was prepared covering the various activities to be carried out during the entire day long workshop was planned.

*(Annexure-IV- Workshop Schedule)*

#### 5. EXECUTIVE SUMMARY

MCA faculty members from various Institutes, BoS Chairman, members and dignitaries gathered in Conference Hall. The program began with singing National Anthem. Lamp lightening ceremony was done. Mr. Pradip Khandwe, Executive Director was representing the ZES management.

**Welcome address- Dr. Amod Markale, Director-ZIBACAR**

A brief introduction regarding this Workshop was given by Dr. Amod Markale. He said that, Outcome-based education is a model of education that rejects the traditional focus on what the institute provides to students, in favor of making students demonstrate that they "know and are able to do" whatever the required outcomes are. OBE reforms emphasize setting clear standards for observable, measurable outcomes.

Mr. Pradip Khandwe and Dr. Amod Markale felicitated all the Guests of Honour.

**Dr. Prafulla Pawar, Dean, Faculty of Commerce and Management and Registrar, SPPU**

He said that successful demonstration of key competencies through a standard and well defined process is recommended as part of 'train the trainer' for all faculty members. He suggested every faculty to undergo such workshop by completing a brief needs assessment. Implementing a train the trainer process prepares your teachers and maximizes learning, provides a powerful skill set and opportunity for growth and development for supervisors and managers who act as instructors in their respective roles

**Gist of speech by Dr. Mahesh Abale, (Management Council & Senate member, SPPU)**



He urged the faculty members to put forth any academic suggestion or any problem faced, so that he can lay helping hands. He also informed about the new initiatives undertaken by University such as Online paper evaluation etc.

**Dr. Amol Goje, BoS Chairman, Faculty of Commerce and Management**

He said that Academic department of University sanctions fund for University to conduct FDP. Further he said informed that MAMI is going to sponsor Faculty Development Program for 2-3 days on emerging trends in IT. He further said that a good quality education in MCA programme can be inculcated when the learners with KSA component so as to become economically productive, develop sustainable livelihoods, contribute to democratic societies and enhance individual well-being.

**Dr. Ravindra Vaidya, BoS Member, Faculty of Commerce and Management**

He suggested following:

- i. Question bank must be designed as per Bloom's taxonomy.
- ii. Framing scope of each Chapter and its topic.
- iii. Finalize deliver mechanism, teaching pedagogy.
- iv. Use of modern tools and techniques to conduct sessions.

Faculty members were later segregated as per Course they plan to teach in upcoming Semester. Group leader and Course members discussed about Syllabus contents, Course outcomes, Question paper pattern.

Feedback form was circulated among the participants and later collected and analysed.

*(Annexure-V- Course discussion)*

## **6. PARTICIPANTS**



Around 70 faculty members of MCA institutes under SPPU, Pune registered for the Workshop for five different subjects from Pune, Ahmednagar, Nashik.

*(Annexure-VI- Subjectwise registration)*

#### 7. IMPACT/OUTCOME

Syllabus contents, Course outcomes, Question paper pattern were finalized for MCA 2019 pattern, Sem-III.

#### 8. DOCUMENTATION

email thanking the participants along with ZIBACAR memories in form of photographs were send. Workshop was captured well with the help of photographs and the proceedings were well documented.

*(Annexure-VII- Photographs)*

*(Annexure-VIII- News)*





Snapshot 5: BoS Chairman and members



Snapshot 5: Participants of Workshop





Snapshot 1: Lightening of Lamp and Saraswati Poojan



Snapshot 2: Felicitation of Dr. Santosh Deshpande-MAMI Secretary and Dr. Ravindra Vaidya, BoS(CM)







Snapshot 3: Felicitation of Dr. Parag Kalkar, Dr. Prafulla Pawar, Dr. Mahesh Abale, Dr. Amol Goje, Dr. Shailesh Kasande, , Dr. Chandrani Singh





Snapshot 4: Address by Dr. Mahesh Abale, Dr. Prafulla Pawar, Dr. Amol Goje





# एमसीए पाठ्यक्रम पर कार्यशाला

पुणे, सं. पूरे विश्व में सावित्रीबाई फुले पुणे विद्यापीठ की स्थापति है. यहां पढ़ाए जानेवाले पाठ्यक्रमों की नियमित पुनर्रचना इस प्रकार से की जाती है, जिससे विद्यार्थी व्यवसायाभिमुख होते हैं और उद्योग-धंधों के लिए अपेक्षित कौशलपूर्ण मनुष्यबल उपलब्ध होगा. इसी संदर्भ में पर 2019 में एमसीए अभ्यासक्रम की पुनर्रचना की गई है. एमसीए के दूसरे वर्ष के लिए यह अभ्यासक्रम शैक्षणिक वर्ष 2020-21 से लागू किया जा रहा है.

## व्यवसायाभिमुख होते हैं छात्र

इस अभ्यासक्रम के लागू करने से पूर्व अभ्यासक्रम में हुए बदलाव, उसकी पृष्ठभूमि व मूल्यांकन पद्धति की शिक्षकों को जानकारी देने के लिए जाल इन्स्टिट्यूट ऑफ बिजनेस एडमिनिस्ट्रेशन, कंप्यूटर एप्लिकेशन एंड रिसर्च व सावित्रीबाई फुले पुणे विद्यापीठ के संयुक्त तत्वावधान में कार्यशाला का आयोजन किया गया. इस कार्यशाला का उद्घाटन डॉ. महेश आवाले, व्यवस्थापन परिषद व मिनिट्र मेम्बर, सावित्रीबाई फुले पुणे विद्यापीठ, डॉ. प्रफुल्ल पवार, कुलसचिव व अधिष्ठाता, वाणिज्य व व्यवस्थापनशास्त्र विभाग, सावित्रीबाई फुले पुणे विद्यापीठ के हाथों किया गया.



चौदखानपाटात लागणारा त्रास

चौदखानपाटात लागणारा त्रास... (Text describing the situation in Chaudhankhane)

सिंघारकावासाती १६ उमदवार घात

सिंघारकावासाती १६ उमदवार घात... (Text about the incident in Singhar)

एमसीएच्या नवीन अभ्यासक्रमाबाबत कार्यशाळा

एमसीएच्या नवीन अभ्यासक्रमाबाबत कार्यशाळा... (Text about the workshop for the new syllabus)



एमसीएच्या नवीन अभ्यासक्रमाबाबत कार्यशाळा... (Continuation of the workshop text)





Zeal Education Society's  
**Zeal Institute of Business Administration,  
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 (ZIBACAR)**



**Syllabus Content Development Workshop**  
*(MCA Second Year, Semester III 2019 Pattern)*  
 In Association with  
**Savitribai Phule Pune University**  
**Workshop Schedule (9th November 2019)**

Time	Session No	Session Details
09:00 am to 10:00 am		Registration & Breakfast
10:00 am to 10:10 am		National Anthem and Saraswati Vandana
10:10 am to 10:15 am		Dr. Anod Markale- Opening remarks <i>(Director, ZIBACAR)</i>
10:15 am to 10:20 am		Guests Elicitation
10:20 am to 10:30 am		Speech by Dr. Pradipia Pawar <i>(Dean, Faculty of Commerce and Management and Registrar, SPPU)</i>
10:30 am to 10:35 am		Speech by Dr. Mahesh Abale, <i>(Management Council &amp; Senate member, SPPU)</i>
10:35 am to 10:40 am	I	Speech by Dr. Parag Kulkar, <i>(BoS-Chairman, Board of Organisation Management, Faculty of Commerce and Management)</i>
10:40 am to 10:45 am		Dr. Shailesh Kasaide, <i>(BoS-Chairman, Board of Productions and Operations, Faculty of Commerce and Management)</i>
10:45 am to 10:50 am		Speech by Dr. Amol Goje <i>(BoS-Chairman, Board of Computer Management, Faculty of Commerce and Management)</i>
10:50 am to 11:00 am	II	Vote of Thanks, Group photo
11:00 am to 01:00 pm	III	Subject-wise Syllabus design presentation by Group leaders IT31: Java Programming (CLR 102, First floor) IT32: Data Warehousing & Data Mining (CLR 106, First floor) IT33: Testing & Quality Assurance (CLR 107, First floor) MT31: Probability and Combinatorics (CLR 202, Second floor) IT34: Cloud Computing (CLR 204, Second floor)
01:00 pm to 1:50 pm		Lunch Break
01:50 pm to 03:50 pm	IV	Subject wise Parallel session – Semester III
03:50 pm to 4:00 pm		Tea Break
4:00 pm to 5:00 pm	V	Presentation by Group leaders ( Points to be discussed & Preparation of Presentation: Scope of syllabus, Course Outcome and Programme Outcome, CO-PO Mapping with Blooms Taxonomy, Question Paper pattern, Question Bank etc. ), Conclusion
5:00 pm to 5:10 pm	VI	Summing up, Certificate distribution and Vote of Thanks

Dr. Rajesh Kulkarni  
 Convener

Dr. Anod Markale  
 Director





ZES/ZIBACAR/

Date: 08 November 2019

### CIRCULAR

**Subject: Dress code and change in Reporting time on 09 November 2019.**

All the teaching and non-teaching Staff are informed that the Institute is going to conduct MCA Syllabus Content development workshop (2019 pattern, Sem-III) on Saturday, 09 November 2019, For the same the dress code and reporting time is given below:

**Dress code:**

- a. (Male staff members)- ZES prescribed uniform
- b. (Female staff members)- ZES prescribed uniform Saree

**Reporting time: 08:00am**

Dr. Amod Markale

Director





ZEAL EDUCATION SOCIETY'S

# ZEAL INSTITUTE OF BUSINESS ADMINISTRATION, COMPUTER APPLICATION & RESEARCH

(Approved by AICTE, New Delhi, Recognized by DTE, Govt. of Maharashtra and  
Permanently Affiliated to Savitribai Phule Pune University, Pune) Accredited by NAAC

S.No. 28, Narhe, (Pune - 411 041), INDIA. ☎ +91-20-67208031 / 32

E-Mail : info.zibacar@zealeducation.com, director.zibacar@zealeducation.com, Website : www.zibacar.in

AICTE Permanent ID :- 1-8748148 / DTE Code :- 6152 / AISHE Code :- C-41828-2018 / SPPU Code :- IMMP033170

Hon. S. M. Katkar

B.A. (Hons), LL.B.

FOUNDER DIRECTOR

Dr. Amod Markale

B.Sc. MMS, Ph.D.

DIRECTOR

4 November 2019

To,

Dr. Achyut Godbole

BoS Member(Computer Management),

SPPU, Pune

Subject: Invitation for Syllabus Content Development on (MCA Second Year, Semester III  
2019 Pattern), Workshop on 9<sup>th</sup> November, 2019.

Respected Sir,

It gives us immense pleasure to invite you for Syllabus Content Development on (MCA  
Second Year, Semester III 2019 Pattern), Workshop organized by Zeal Institute of Business  
Administration, Computer Application and Research, Pune-411041 on Saturday, 9<sup>th</sup>  
November 2019 in association with Savitribai Phule Pune University, Pune.

We earnestly request you to accept our invitation and looking forward for your  
cooperation.

The details of Workshop are enclosed herewith for your ready reference.

Kindly acknowledge.

Venue: ZIBACAR, Conference room, Ground floor, Narhe, Pune-41

Day and Date: Saturday, 9<sup>th</sup> November 2019

Time: 09:00 am to 06:00pm

Thanking You,

Yours Faithfully,

Dr. Amod Markale  
Director







ZEAL EDUCATION SOCIETY'S

# ZEAL INSTITUTE OF BUSINESS ADMINISTRATION, COMPUTER APPLICATION & RESEARCH

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E-Mail : info.zibacar@zealeducation.com, director.zibacar@zealeducation.com, Website : www.zibacar.in

AICTE Permanent ID :- 1-6749149 / DTE Code :- 6152 / AISHE Code :- C-41828-2018 / SPPU Code :- IMMP013170

Hon. S. M. Katkar  
B.A. (HONS), LL.B.  
FOUNDER DIRECTOR

Dr. Amod Markale  
B.Sc., M.B.A., Ph.D.  
DIRECTOR

5 November 2019

To,  
Prof. Aparna Hawaldar  
HoD (MCA),  
Dr. Moonje Institute of Management & Computer Studies, Nashik

**Subject:** Invitation for Syllabus Content Development (MCA Second Year, Semester III  
2019 Pattern), Workshop on 9<sup>th</sup> November, 2019.

Dear Madam,

We are pleasure to invite you as Group leader -Course "Cloud Computing (2019pattern)" for  
Syllabus Content Development on (MCA Second Year, Semester III 2019 Pattern),  
Workshop organized by Zeal Institute of Business Administration, Computer Application and  
Research, Pune-411041 on Saturday, 9<sup>th</sup> November, 2019.

Looking forward for your cooperation.

Venue: ZIBACAR, Conference room, Ground floor, Narhe, Pune-41

Day and Date: Saturday, 9<sup>th</sup> November, 2019,

Time: 09:00 am to 06:00 pm

Thanking You,

Yours Faithfully,

Dr. Amod Markale  
Director



Zeal Education Society's      **Data**

**Zeal Institute of Business Administration, Computer Application Research (ZIBACAR)**

Sr. No. 35, Narhe, Pune - 411041, Phone No. 020260031  
MCA Syllabus Consult Development Workshop Dated 02/11/2019

Sr.No.	Name of Faculty	M. number	Institute's name	Name of Subject	Sign (Pre Lunch)	Sign (Post Lunch)
1	Ravindra Kute	8822107034	Sinhgad Technical Education Society's Sinhgad Institute of Management, Vadgaon(Budruk) Pune	IT32-Data Warehousing & Data Mining	<i>[Signature]</i>	
2	Varad Kotecha	9650321740	Sinhgad Technical Education Society's Sinhgad Institute of Management, Vadgaon(Budruk) Pune	IT32-Data Warehousing & Data Mining		
3	Raj Shrivastava	771002510	Pimpri Chinchwad Education Trust, Pimpri Chinchwad College of Engineering, Pune	IT32-Data Warehousing & Data Mining	<i>[Signature]</i>	<i>[Signature]</i>
4	Rishabh Prasad	630960901	Dr. D. Y. Patil Pratishthan's D. Y. Patil Institute of Master of Computer Applications and Management, Akurdi, Pune	IT32-Data Warehousing & Data Mining		
5	Rohit Pawar	9922718570	Dr. D. Y. Patil Pratishthan's D. Y. Patil Institute of Master of Computer Applications and Management, Akurdi, Pune	IT32-Data Warehousing & Data Mining		
6	Dr. Gopal Dubey	642103443	D. Y. Patil Univ. Society's, D.Y. Patil Institute of Management and Research, Pimpri	IT32-Data Warehousing & Data Mining		
7	Meeta Mali	991113219	Sinhgad Technical Education Society's, Sinhgad Institute of Business Administration & Research, Kothhwa-Saswad Road, Pune	IT32-Data Warehousing & Data Mining		
8	Shilpa Mane	901114258	Sinhgad Technical Education Society's, Sinhgad Institute of Business Administration & Research, Kothhwa-Saswad Road, Pune	IT32-Data Warehousing & Data Mining		
9	Rishi Prange	738289521	Institute of Industrial & Computer Management & Research, Nigdi, Pune	IT32-Data Warehousing & Data Mining		
10	Jasmit S. Khatke	5050131156	Alans Institute of Management Sciences, Pune	IT32-Data Warehousing & Data Mining	<i>[Signature]</i>	<i>[Signature]</i>
11	Debraj Deshpande	9481024473	Sinhgad Technical Education Society's Sinhgad Institute of Management, Vadgaon(Budruk) Pune	IT32-Data Warehousing & Data Mining	<i>[Signature]</i>	
12	Prof. Purnesh D. Joshi	9921012808	Sinhgad Technical Education Society's Sinhgad Institute of Management, Vadgaon(Budruk) Pune	IT32-Data Warehousing & Data Mining	<i>[Signature]</i>	
13	Dr. Anurag Mane	8730759232	Maharashtra Education Society's Institute of Management and Career Courses (IMCC), Pune	IT32-Data Warehousing & Data Mining	<i>[Signature]</i>	<i>[Signature]</i>
14	Shobha Sathavare	9823481103	Sinhgad Technical Education Society's Sinhgad Institute of Management, Vadgaon(Budruk) Pune	IT32-Data Warehousing & Data Mining	<i>[Signature]</i>	
15	Sanjay Phurke	9022083104	B. P. Hivale Education Society's Institute of Management Studies Career Development Research, Ahmednagar	IT32-Data Warehousing & Data Mining	<i>[Signature]</i>	<i>[Signature]</i>
16	Mr. Rahul Chaudhari	9860521135	D. Y. Patil Institute of MCA & Mgmt, Akurdi, Pune		<i>[Signature]</i>	<i>[Signature]</i>
17	Shashini B.	1030111790	IEBS, ZIBACAR		<i>[Signature]</i>	<i>[Signature]</i>
18	Arshi Lodhe	788067	35/115, ISCOI, Hadapsar		<i>[Signature]</i>	<i>[Signature]</i>
19	Kalpana Sankar	973076501	ISPMIS, ISCAE, Hadapsar		<i>[Signature]</i>	<i>[Signature]</i>
20	Dr. Kalpana	928148380	Hard tube tube of magnet sciences		<i>[Signature]</i>	<i>[Signature]</i>



Zeal Education Society's  
**Zeal Institute of Business Administration, Computer Application Research (ZIBACAR)**

Sr. No. 39 Name: Pune-411001, Phone No. 67268011  
 MCA Syllabus Content Development Workshop Dated 09/11/2019

Sr.No	Name of faculty	M. number	Institute's name	Name of Subject	Sign (Pre Limit)	Sign (Post Limit)
1	Dr Manisha Kumbhar	8988920113	Sinhgad Technical Education Society's Sinhgad Institute of Management Vadgaon(Budhik) Pune	IT33-Testing & Quality Assurance	<i>[Signature]</i>	<i>[Signature]</i>
2	Dr. Sunil Ghosh	0905075465	Sinhgad Technical Education Society's Sinhgad Institute of Management Vadgaon(Budhik) Pune	IT33-Testing & Quality Assurance	<i>[Signature]</i>	<i>[Signature]</i>
3	Dr. Anil Shinde	9130757110	Chhatrapati Atma Singh Tandon Memorial Education Trust's Siddhant Institute Of Computer Application, Sutanubare	IT33-Testing & Quality Assurance	<i>[Signature]</i>	<i>[Signature]</i>
4	Bhaskar Jitendra Mohar	4918897098	Zeal Education Society's Zeal Institute of Business Administration, Computer Application and Research, Pune	IT33-Testing & Quality Assurance	<i>[Signature]</i>	<i>[Signature]</i>
5	Dr. Rajesh Chaudhary	8545227041	D. Y. Patil Deotech Society's, D. Y. Patil Institute of Management and Research, Pune	IT33-Testing & Quality Assurance	<i>[Signature]</i>	<i>[Signature]</i>
6	Dr. N. K. Patil	7219016789	Pimpri Chinchwad Education Trust, Pimpri Chinchwad College of Engineering, Pune	IT33-Testing & Quality Assurance	<i>[Signature]</i>	<i>[Signature]</i>
7	Srinath Patil	9970755172	Dr. D. Y. Patil Foundation's D. Y. Patil Institute of Master of Computer Applications and Management, Akurdi, Pune	IT33-Testing & Quality Assurance	<i>[Signature]</i>	<i>[Signature]</i>
8	Mr. D. R. Deshpande	770747115	Dr. D. Y. Patil Foundation's D. Y. Patil Institute of Master of Computer Applications and Management, Akurdi, Pune	IT33-Testing & Quality Assurance	<i>[Signature]</i>	<i>[Signature]</i>
9	Renu Mathur	985026268	Institute of Industrial & Computer Management & Research, Nigdi, Pune	IT33-Testing & Quality Assurance	<i>[Signature]</i>	<i>[Signature]</i>
10	Shilpa A. Dhone	9922945723	Sinhgad Technical Education Society's, Sinhgad Institute of Business Administration & Research, Kothchawa, Saswad Road, Pune	IT33-Testing & Quality Assurance	<i>[Signature]</i>	<i>[Signature]</i>
11	Shilpa A. Dhone	9922945723	Sinhgad Technical Education Society's, Sinhgad Institute of Business Administration & Research, Kothchawa, Saswad Road, Pune	IT33-Testing & Quality Assurance	<i>[Signature]</i>	<i>[Signature]</i>
12	Ashish Patil	9766834906	Maharashtra Education Society's Institute of Management and Career Courses (IMCC), Pune	IT33-Testing & Quality Assurance	<i>[Signature]</i>	<i>[Signature]</i>
13	Prof. Gaurav Bhatnagar	8271437288	Sinhgad Technical Education Society's, Sinhgad Institute of Management Vadgaon(Budhik) Pune	IT33-Testing & Quality Assurance	<i>[Signature]</i>	<i>[Signature]</i>
14	Dr. Suresh Kumar	0890097905	Sinhgad Technical Education Society's Sinhgad Institute of Management Vadgaon(Budhik) Pune	IT33-Testing & Quality Assurance	<i>[Signature]</i>	<i>[Signature]</i>
15	Pankaj Kulkarni	9124675458	Alkara Institute of Management Sciences, Pune	IT33-Testing & Quality Assurance	<i>[Signature]</i>	<i>[Signature]</i>
16	Umesh Datta	88813204	B. P. Hare Education Society's Institute of Management Studies Career Development Research, Annernagar	IT33-Testing & Quality Assurance	<i>[Signature]</i>	<i>[Signature]</i>
17	Dr. B. J. Mahale	9850086221	Zeal Education Society's Zeal Institute of Business Administration, Computer Application and Research, Pune	IT33-Testing & Quality Assurance	<i>[Signature]</i>	<i>[Signature]</i>
18	Pooja Kulkarni	9793504207	Jadhav College of Engg & Mgt, Pune	IT33-Testing & Quality Assurance	<i>[Signature]</i>	<i>[Signature]</i>



Zee Education Society's  
Zee Institute of Business Administration, Computer Application Research (ZIBACAR)

Sr. No. 38, Nashik, Pune - 411041, Phone No. 87206011  
MCA Syllabus Content Development Workshop Dated 09/11/2019

Sl. No.	Name of Faculty	M. Number	Institute's name	Name of Subject	Sign (Pre Lunch)	Sign (Post Lunch)
1	Dr. S. S. Patil	9527192005	JSPM'S Jayawantee Sawant College of Engineering Pune	MT31-Probability and Combinations	<i>[Signature]</i>	
2	Dr. S. S. Patil	9527192007	Sriyuga Technical Education Society's Sriyuga Institute of Management, Maharashtra, Pune	MT31-Probability and Combinations		
3	Dr. S. S. Patil	9527192008	Institute of Computer & Management Research, Nashik, Maharashtra	MT31-Probability and Combinations	<i>[Signature]</i>	<i>[Signature]</i>
4	Dr. S. S. Patil	9527192009	JSPM'S Jayawantee Sawant College of Engineering Pune	MT31-Probability and Combinations	<i>[Signature]</i>	<i>[Signature]</i>
5	Dr. S. S. Patil	9527192010	Sriyuga Technical Education Society's Sriyuga Institute of Management, Maharashtra, Pune	MT31-Probability and Combinations		
6	Dr. S. S. Patil	9527192011	Sriyuga Technical Education Society's Sriyuga Institute of Business Administration & Research, Khandawa-Sawad Road, Pune	MT31-Probability and Combinations	<i>[Signature]</i>	<i>[Signature]</i>
7	Dr. S. S. Patil	9527192012	H. Y. Patil Group Society's D. Y. Patil Institute of Management and Research, Pune	MT31-Probability and Combinations		
8	Dr. S. S. Patil	9527192013	Institute of Industrial & Computer Management & Research, Nigadi, Pune	MT31-Probability and Combinations	<i>[Signature]</i>	
9	Dr. S. S. Patil	9527192014	H. Y. Patil Group Society's Institute of Management Studies, Central Government Research, Maharashtra	MT31-Probability and Combinations	<i>[Signature]</i>	
10	Dr. S. S. Patil	9527192015	Maharashtra Education Society's Institute of Management and Career Courses, MAOEC, Pune	MT31-Probability and Combinations	<i>[Signature]</i>	<i>[Signature]</i>
11	Dr. S. S. Patil	9527192016	Zee Education Society's Zee Institute of Business Administration, Computer Application and Research, Pune	MT31-Probability and Combinations	<i>[Signature]</i>	<i>[Signature]</i>
12	Sujar Patil	9527192017	JSPM'S Nashik Technical Campus, Nashik, Pune	MT31-Probability and Combinations	<i>[Signature]</i>	<i>[Signature]</i>
13	Sujar Patil	9527192018	Sriyuga Institute of mgmt. hujer	MT31- P&C	<i>[Signature]</i>	<i>[Signature]</i>
14	Sujar Patil	9527192019	Sriyuga Institute of mgmt. hujer	MT31- P&C	<i>[Signature]</i>	<i>[Signature]</i>
15	Sujar Patil	9527192020	H. Y. Patil, Institute of MCA, Amravati	Probability & Combinations	<i>[Signature]</i>	<i>[Signature]</i>
16	Sujar Patil	9527192021	Prasad Institute of Management & Research, Amravati	Probability & Combinations	<i>[Signature]</i>	<i>[Signature]</i>



Zee Education Society  
**Zee Institute of Business Administration, Computer Application Research (ZIBACAR)**  
 B. No. 39, Marhe, Pune - 411041, Phone No. 97206031

MCA Syllabus Content Development Workshop Dated 09/11/2019

Sl. No.	Name of faculty	M. number	UNIVERSITY NAME	NAME OF SUBJECT	Sign (Pre Lunch)	Sign (Post Lunch)
1	Aditya Sombhu Chaudhari	9013789668	JSPM'S Jayashree Sawant College of Engineering Pune	MT31- Probability and Combinatorics	<i>[Signature]</i>	
2	H.S. WANI Pune	9922193287	Sriyugad Technical Education Society's Sriyugad Institute of Management Vedgaon (Budruk) Pune	MT31-Probability and Combinatorics	<i>[Signature]</i>	<i>[Signature]</i>
3	Dr. Pooja Deshpande	9922500659	Institute of Industrial & Computer Management & Research, Tandi, Pune	MT31-Probability and Combinatorics	<i>[Signature]</i>	<i>[Signature]</i>
4	Kharasgaon Sanku Dekar	9730784021	JSPM'S Jayashree Sawant College of Engineering Pune	MT31-Probability and Combinatorics	<i>[Signature]</i>	<i>[Signature]</i>
5	Kulkarni Manoj	9404722575	Sriyugad Technical Education Society's Sriyugad Institute of Management Vedgaon (Budruk) Pune	MT31-Probability and Combinatorics	<i>[Signature]</i>	<i>[Signature]</i>
6	Dr. Jyoti Kulkarni	9975673244	Sriyugad Technical Education Society's, Sriyugad Institute of Business Administration & Research, Kothhawa-Suswad Road, Pune	MT31-Probability and Combinatorics	<i>[Signature]</i>	<i>[Signature]</i>
7	Dr. Suman Patil	9845120005	D.Y. Patil Unitech Society's, D.Y. Patil Institute of Management and Research, Pune	MT31-Probability and Combinatorics	<i>[Signature]</i>	<i>[Signature]</i>
8	Dr. Ravi Deshpande	9928902558	Institute of Industrial & Computer Management & Research, Nigra, Pune	MT31-Probability and Combinatorics	<i>[Signature]</i>	
9	Dr. Madhuri R. Gaudole	9422282774	B. P. Hyvale Education Society's Institute of Management Studies Career Development Research, Ahmednagar	MT31-Probability and Combinatorics	<i>[Signature]</i>	
10	Nikol Kulkarni	9850443237	Maharashtra Education Society's Institute of Management and Career Courses (IMCC), Pune	MT31-Probability and Combinatorics	<i>[Signature]</i>	<i>[Signature]</i>
11	Kul. Samit	9376326051	Zee Education Society's Zee Institute of Business Administration, Computer Application and Research, Pune	MT31-Probability and Combinatorics	<i>[Signature]</i>	<i>[Signature]</i>
12	Sujata P. Patil	7337571284	JSPM'S Marhe Technical Campus, Marhe, Pune	MT31-Probability and Combinatorics	<i>[Signature]</i>	<i>[Signature]</i>
13	Laxmanrao Patil	9652988	Adarsh Institute of mgmt. & bus. stud	MT31- P.C	<i>[Signature]</i>	<i>[Signature]</i>
14	Sirshy N. N. N. N.	7578623393	Dr. Abhanu Education Society, Inst. of Mgmt & Research, Pune	Probability & Combinatorics	<i>[Signature]</i>	<i>[Signature]</i>
15	Nikaraj Patil	95773341	S. D. Y. Patil Institute of MCA, Sangli	Probability & Combinatorics	<i>[Signature]</i>	<i>[Signature]</i>
16	Usha B. Rube	983019168	Sriyugad Technical Education Society's, Sriyugad Institute of Management Vedgaon (Budruk) Pune	Probability & Combinatorics	<i>[Signature]</i>	<i>[Signature]</i>



**Zeal Institute of Business Administration, Computer Application Research (ZIBACAR)**

Sr. No. 29, Narhe, Pune - 411042, Phone No. 02066031  
 NCA Syllabus Content Development Worksheet Date: 08/11/2019

Sl. No.	Name of Faculty	M. number	Institute's name	Name of Subject	Sign (Pre Lunch)	Sign (Post Lunch)
		876026336	Srijeed Technical Education Society's - Srijeed Institute of Business Administration & Research, Kothrud, Pune	IT34-Cloud Computing		
		876026336	Chauhan After English Yashwantrao Chavan Institute of Computer Application, Secunderabad	IT34-Cloud Computing	<i>K.S.</i>	
		867420025	Pimpri Chinchwad Education Trust, Pimpri Chinchwad College of Engineering, Pimpri	IT34-Cloud Computing		
		843021343	Srijeed Technical Education Society's Srijeed Institute of Management, Vadgaon (Budruk), Pune	IT34-Cloud Computing	<i>[Signature]</i>	<i>[Signature]</i>
		837004811	Srijeed Technical Education Society's Srijeed Institute of Management, Vadgaon (Budruk), Pune	IT34-Cloud Computing	<i>[Signature]</i>	
		887481548	Srijeed Technical Education Society's Srijeed Institute of Management, Vadgaon (Budruk), Pune	IT34-Cloud Computing		
		876026336	Jayant, Shrihari Prasadik Mandar's, Rajarshi Shahu College of Engineering, Yashwantrao, Pune	IT34-Cloud Computing		
		11981132	Institute of Industrial & Computer Management & Research, Nigdi, Pune	IT34-Cloud Computing		
		852022220	Srijeed Technical Education Society's Srijeed Institute of Management, Vadgaon (Budruk), Pune	IT34-Cloud Computing	<i>[Signature]</i>	
		887481548	Dr. G. Y. Saha Prasadik's D. Y. Patil Institute of Master of Computer Applications and Management, Akurdi, Pune	IT34-Cloud Computing		<i>[Signature]</i>
		876026336	Atma Institute of Management Sciences, Pune	IT34-Cloud Computing		
		81412014	Srijeed Technical Education Society's - Srijeed Institute of Business Administration & Research, Kothrud, Secunderabad, Pune	IT34-Cloud Computing		
		88881627	Dr. P. H. Education Society's Institute of Management Studies, Gauri Deshpande Research, Ahmednagar	IT34-Cloud Computing		
		888160043	Zeal Education Society's Zeal Institute of Business Administration, Computer Application and Research, Pune	IT34-Cloud Computing	<i>[Signature]</i>	
		888160043	Dr. V. P. B. Institute of Management, Ambai	IT34-Cloud Computing	<i>[Signature]</i>	
		888160043	MPS, LDCS, Pune	IT34-Cloud Computing	<i>[Signature]</i>	
		888160043	SSM HRC		<i>[Signature]</i>	
			<i>Alisetty kalpana</i>			



Zeal Education Society's  
**Zeal Institute of Business Administration, Computer Application Research (ZIBACAR)**

Dr. No. 20, Narhe, Pune - 411041, Phone No. 6720031  
 MCA Syllabus Content Development Workshop Dates 05/11/2019

Sr.No	Name of faculty	M. number	Institute's name	Name of Subject	Sign (Pre Lunch)	Sign (Post Lunch)
1	Adhish Asthik	9756653352	Singad Technical Education Society's - Singad Institute of Business Administration & Research, Kondhwa-Sawad Road, Pune.	IT34-Cloud Computing		
2	Sonal Ghoshle	9756657516	Choudhary Alok Singh Yadav Memorial Education Trust's Scullian Institute Of Computer Application, Sulebarn	IT34-Cloud Computing	<i>Ka</i>	<i>Ka</i>
3	Prakash Dhanraj	9673000060	Pimpri Chinchwad Education Trust, Pimpri-Chinchwad College of Engineering, Pune.	IT34-Cloud Computing	<i>Prakash</i>	<i>Prakash</i>
4	Varada Inamdar	9850921743	Singad Technical Education Society's Singad Institute of Management, Vadgaon(Budruk) Pune	IT34-Cloud Computing	<i>Varada</i>	<i>Varada</i>
5	Ratul S. Nakare	8275099513	Singad Technical Education Society's Singad Institute of Management, Vadgaon(Budruk) Pune	IT34-Cloud Computing	<i>Ratul</i>	
6	Shubha Sridharan Manja	8673481925	Singad Technical Education Society's Singad Institute of Management, Vadgaon(Budruk) Pune	IT34-Cloud Computing		
7	Prof. Dinkar B. Kulkarni	9753324136	Jaywant Shikshan Prasarak Mandale, Rajarshi Shahu College of Engineering, Tadgaode, Pune	IT34-Cloud Computing		
8	Ketan Sontole	7721991112	Institute of Industrial & Computer Management & Research, Nigdi, Pune	IT34-Cloud Computing	<i>Ketan</i>	<i>Ketan</i>
9	Shilpa S. Ambekar	9803227728	Singad Technical Education Society's Singad Institute of Management, Vadgaon(Budruk) Pune	IT34-Cloud Computing	<i>Shilpa</i>	<i>Shilpa</i>
10	Pravali Patil	2807741369	Lt. J. Y. Patil Pradhikaran & D. Y. Patil Institute of Master of Computer Applications and Management Akund, Pune	IT34-Cloud Computing		
11	Hemksha Patil	9570709923	Alora Institute of Management Sciences, Pune	IT34-Cloud Computing		
12	Anshu Kulkarni	8764175714	Singad Technical Education Society's - Singad Institute of Business Administration & Research, Kondhwa-Sawad Road, Pune	IT34-Cloud Computing		
13	Dr. Anandh Poddar	8308619823	B. P. Haste Education Society's Institute of Management Studies Career Development Research, Ahmednagar	IT34-Cloud Computing	<i>Anandh</i>	<i>Anandh</i>
14	Dr. Rajesh Kulkarni	9861400940	Zeal Education Society's Zeal Institute of Business Administration, Computer Application and Research, Pune	IT34-Cloud Computing	<i>Rajesh</i>	<i>Rajesh</i>
15	Shabana Khatri	9560702895	D. Y. Patil Institute of management, Ambi	IT34-Cloud Comp.	<i>Shabana</i>	<i>Shabana</i>
16	Dr. Kulkarni	9560702895	MBS, Ambre, Pune	IT34-Cloud Comp.	<i>Kulkarni</i>	<i>Kulkarni</i>
17	Dr. Dhanraj	9560702895	JSPM HRC	IT34-Cloud Comp.	<i>Dhanraj</i>	<i>Dhanraj</i>





Zeal Education Society's

**Zeal Institute of Business Administration,  
Computer Application & Research  
(ZIBACAR)**



Sr. No. 39, Narhe, Pune -411041, Phone No.:67206031,  
Website: www.zibacar.in

**Pre Faculty Development Meet on  
MCA Syllabus (2019 pattern) Content Development  
Attendance**

**23<sup>rd</sup> October 2019**

Sr.no	Name of faculty	Signature
1.	Dr. Ravindra Vaidya	
2.	Dr. Ravikant Zirmite	
3.	Dr. Madhuri Godbole	
4.	Dr. Anjali Vaidya	
5.	Prof. Jawed Khan	
6.	Prof. Renu Mathew	
7.	Dr. Rajesh Kashyap	
8.	Dr. Babasaheb Mohite	
9.	Prof. Madhavi Shamkuwar	
10.	Prof. Dharmendra Singh	
11.	Prof. Kirti Samrit	
12.	Prof. Prachi Sutrawe	







### Evaluation Form SPPU MCA Syllabus 2019 content Development Workshop

Your feedback is critical to ensure that we are meeting your expectation about workshop on MCA Syllabus 2019 content development, organized by ZES, ZIBACAR. We would appreciate if you could take a few minutes to share your opinion with us.

	Strongly Agree			Strongly disagree	
1. The event was well organized	1	2	3	4	5
2. The workshop was applicable to my job	1	2	3	4	5
3. The workshop meet my expectation	1	2	3	4	5
4. The program was well paced within the allotted time	1	2	3	4	5
5. The academic content is developed in organized manner	1	2	3	4	5

	Excellent			Poor	
6. The input given by resource person were	1	2	3	4	5

7. Please rate the following:

	Excellent	Very Good	Good	Fair	Poor
a. Sitting arrangement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Food and tea	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Registration	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Arrangement in classroom	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Overall ambience	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

12. What did you most appreciate/enjoy/think was best about the Workshop/FDP? Any suggestions for improvement?

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Thank you!  
Please return this form to the coordinator at the end of the workshop.



6

**Evaluation Form**  
**SPPU MCA Syllabus 2019 content Development Workshop**

Your feedback is critical to ensure that we are meeting your expectation about workshop on MCA Syllabus 2019 content development, organized by ZES, ZIBACAR. We would appreciate if you could take a few minutes to share your opinion with us.

	Strongly Agree	2	3	4	Strongly disagree
1. The event was well organized	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>
2. The workshop was applicable to my job	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. The workshop meet my expectation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. The program was well paced within the allotted time	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. The academic content is developed in organized manner	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Excellent	2	3	4	Poor
6. The input given by resource person were	<input checked="" type="checkbox"/>				

7. Please rate the following:

	Excellent	Very Good	Good	Fair	Poor
a. Sitting arrangement	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Food and tea	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Registration	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Arrangement in classroom	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Overall ambience	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

12. What did you most appreciate/enjoy/think was best about the Workshop/FDP? Any suggestions for improvement?

*Nothing for improvement, Truly things were changed in an very excellent manner. It well organized within the time bound.*

Thank you!  
 Please return this form to the coordinator at the end of the workshop.



### Evaluation Form SPPU MCA Syllabus 2019 content Development Workshop

Your feedback is critical to ensure that we are meeting your expectation about workshop on MCA Syllabus 2019 content development, organized by ZES, ZIBACAR. We would appreciate if you could take a few minutes to share your opinion with us.

	Strongly Agree	2	3	4	Strongly disagree
1. The event was well organized	<input checked="" type="checkbox"/>	2	3	4	5
2. The workshop was applicable to my job	<input checked="" type="checkbox"/>	2	3	4	5
3. The workshop meet my expectation	<input checked="" type="checkbox"/>	2	3	4	5
4. The program was well paced within the allotted time	<input checked="" type="checkbox"/>	2	3	4	5
5. The academic content is developed in organized manner	<input checked="" type="checkbox"/>	2	3	4	5
<hr/>					
	Excellent				Poor
6. The input given by resource person were	<input checked="" type="checkbox"/>	2	3	4	5
7. Please rate the following:	Excellent	Very Good	Good	Fair	Poor
a. Sitting arrangement	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Food and tea	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Registration	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Arrangement in classroom	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Overall ambience	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

12. What did you most appreciate/enjoy/think was best about the Workshop/FDP? Any suggestions for improvement?

Very Well organized workshop. Excellent Hospitality. Best wishes to ZIBACAR!!!

Thank you!  
 Please return this form to the coordinator at the end of the workshop.



### Evaluation Form SPPU MCA Syllabus 2019 content Development Workshop

Your feedback is critical to ensure that we are meeting your expectation about workshop on MCA Syllabus 2019 content development, organized by ZES, ZIBACAR. We would appreciate if you could take a few minutes to share your opinion with us.

	Strongly Agree	2	3	4	Strongly Disagree
1. The event was well organized	<input checked="" type="checkbox"/>	2	3	4	5
2. The workshop was applicable to my job	<input checked="" type="checkbox"/>	2	3	4	5
3. The workshop meet my expectation	<input checked="" type="checkbox"/>	2	3	4	5
4. The program was well paced within the allotted time	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	4	5
5. The academic content is developed in organized manner	<input checked="" type="checkbox"/>	2	3	4	5
	Excellent				Poor
6. The input given by resource person were	<input checked="" type="checkbox"/>	2	3	4	5
7. Please rate the following:					
	Excellent	Very Good	Good	Fair	Poor
a. Sitting arrangement	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Food and tea	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Registration	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Arrangement in classroom	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Overall ambience	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

12. What did you most appreciate/enjoy/think was best about the Workshop/FDP? Any suggestions for improvement?

The best think about the workshop is Everyone's suggestion are welcomes, to in this method of syllabus finalization

Suggestion - We can call one industry person for verification for each subject.  
 Thank you!

Please return this form to the coordinator at the end of the workshop.





Zeal Education Society's

**Zeal Institute of Business Administration, Computer Application & Research (ZIBACAR)**

Sr. No. 19, Narhe, Pune -411041, Phone No. 67206031, Website: www.zibacar.in

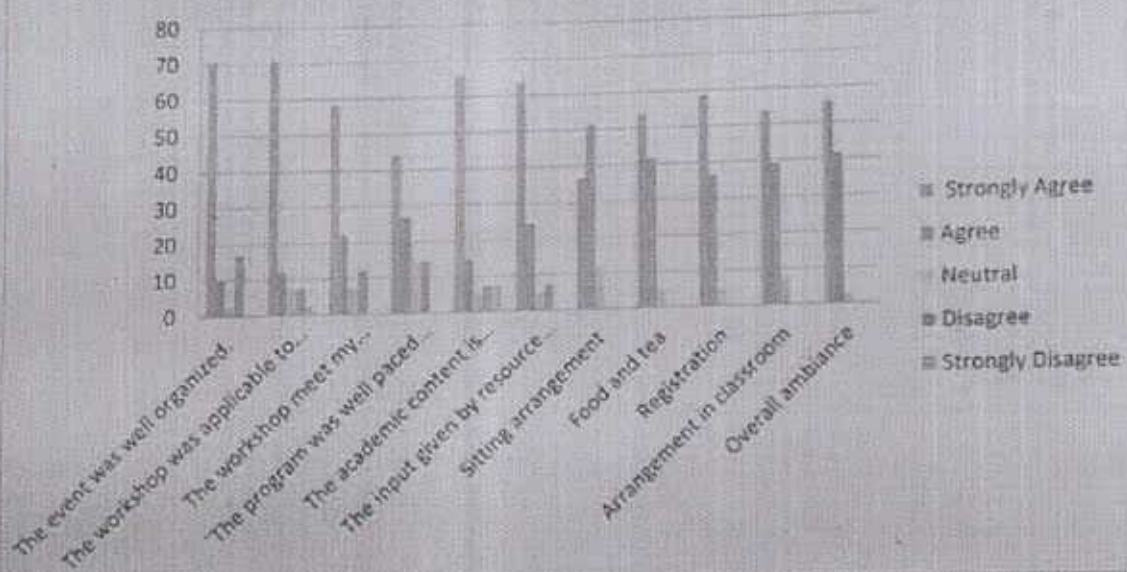
(Approved by AICTE, Recognized by DTE (Govt. of Maharashtra), Permanently Affiliated to Savitribai Phule Pune University and Accredited by NAAC)

PUN Code: IMMP013170

DTE Code: 6152

AISHE Code: C-41828

## SPPU MCA Syllabus 2019 content Development Workshop





Zeal Education Society's

**Zeal Institute of Business Administration, Computer Application & Research (ZIBACAR)**

Sr. No. 59, Narhe, Pune -411041, Phone No. 67206031, Website: www.zibacar.in

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Pune University and Accredited by NAAC)

PUN Code: IMMP013170

DTE Code: 6152

AISHE Code: C-41828

## Feedback Analysis

AY: 2019-2020

### SPPU MCA Syllabus 2019 content Development Workshop

Questions	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1. The event was well organized.	70.7	9.8	2.4	17.1	0
2. The workshop was applicable to my job.	70.7	12.2	7.3	7.3	2.4
3. The workshop meet my expectation.	58.5	22	7.3	12.2	0
4. The program was well paced within the allotted time.	43.9	26.8	14.6	14.6	0
5. The academic content is developed in organised manner.	65.9	14.6	4.9	7.3	7.3
	Excellent	Very Good	Good	Fair Poor	Poor
6. The input given by resource person were	63.4	24.4	4.9	7.3	0
Sitting arrangement	36.6	51.2	12.2	0	0
Food and tea	53.7	41.5	4.9	0	0
Registration	58.5	36.6	4.9	0	0
Arrangement in classroom	53.7	39	7.3	0	0
Overall ambience	56.1	41.5	2.4	0	0



Zeal Education Society's  
Zeal Institute of Business Administration,  
Computer Application & Research, (ZIBACAR)



**Syllabus Content Development Workshop**

In Association with  
**Savitribai Phule Pune University, Pune**

**CERTIFICATE OF PARTICIPATION**

This is to certify that, Prof./Dr. \_\_\_\_\_ of

*sample*

has participated in Syllabus Content Development Workshop (MCA Second Year, Semester III 2019 Pattern), Workshop held at ZES's, ZIBACAR, Pune in association with SPPU, Pune on 9th November 2019.

**Dr. Rajesh Kashyap**  
Workshop, Convener,  
ZIBACAR,  
Pune

**Dr. Amod Markale**  
Director,  
ZIBACAR,  
Pune

**Dr. Amol Goje**  
BoS Chairman,  
Board of Computer Management,  
SPPU Pune

**Dr. Prafulla Pawar**  
Dean  
Faculty of Commerce & Management,  
SPPU, Pune





ZEAL EDUCATION SOCIETY'S

# ZEAL INSTITUTE OF BUSINESS ADMINISTRATION, COMPUTER APPLICATION & RESEARCH

(Approved by AICTE, New Delhi, Recognized by DTE, Govt. of Maharashtra and  
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AICTE Permanent ID :- 1-6749149 / DTE Code :- 6152 / AISHE Code :- C-41828-2018 / SPPU Code :- IMMP013170

Hon. S. M. Katkar  
B.A. (Hons), LL.B.  
FOUNDER DIRECTOR

Dr. Amod Markale  
B.Sc. M.A. Ph.D.  
DIRECTOR

Date: 23 October 2019

Dear Dr. Amod Goje

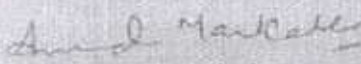
Greetings from Zeal, ZIBACAR

Zeal Institute of Business Administration, Computer Application & Research (ZIBACAR) Narhe, is thankful to you, for visiting our Campus and for attending *Pre Curriculum development meet on 23rd October 2019*, sharing your experience & knowledge.

Your valuable inputs regarding MCA-Sem-III syllabus design has definitely helped in moving towards finalizing the Syllabus.

We are fortunate to have someone like you, with Subject expertise, to provide valuable time from your busy schedule to address and serve as a resource person. ZIBACAR appreciates your involvement and will certainly help developing Syllabus, that suits the needs of the students and the industry.

We once again thank you for being present on pre Curriculum development.

  
Dr. Amod Markale  
Director, ZIBACAR







## Think India Journal

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National Conference on

**“Role of Technology in Business Sustainability  
and Market Transformation”** sponsored by

Lexicon Management Institute of Leadership & Excellence , Pune  
on Saturday 21st December 2019



### **“A Study of various levels of competence in service industries at Pune.”**

**Prof. Ashish Vyas<sup>1</sup> Dr. Anand B. Dadas<sup>2</sup>**

**Research Student<sup>1</sup>, NWIMSR, Pune**

**Director<sup>2</sup>, PGRC & NWIMSR, Pune**

#### **Abstract**

Every well-managed company ought to have well outlined roles and list of competencies needed to perform every role effectively for all jobs. A high intellectual capital lends competitive advantage to a company. With a world enlargement in market competence mapping and development of competencies of upper level managers like department heads and executives is vital and is a necessary exercise. Each well managed firm ought to have well outlined roles and list of competencies needed to perform every role effectively. Such list ought to be used for social control functions like coming up with, communication skills, interpersonal skills, technical knowledge, intra-personal relationship, innovative thinking, leadership and decision.

The present paper reflects upon the competence levels of 184 managers among totally different social control levels. The study shows that the competencies of middle level managers square measure on top of expected compared to lower level and middle level manager. Conjointly the variations between staff in numerous levels of management square measure vital. The gaps in competencies may be reduced by coaching and act.

Keywords : competence , leadership, Communication skills, Team work, Leadership skills, etc.

#### **Introduction:**

Now a day's social control personnel has become a business partner, needed high skills, ability and information, therefore ought to map the competencies and develop the





## Think India Journal

ISSN: 0971-1260 Vol-22, Special Issue-20

National Conference on

### “Role of Technology in Business Sustainability and Market Transformation”

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on Saturday 21st December 2019



competence effectively became a lot of vital. Each well-managed company ought to have well outlined roles and list of competencies needed to perform every role effectively for all jobs. A high intellectual capital lends competitive advantage to a company. With a world enlargement in market competence mapping and development of competencies of upper level managers like department heads and managerial executives is vital and is a necessary exercise. Each well managed firm ought to have well outlined roles and list of competencies needed to perform every role effectively. Such list is to be used for social control functions like coming up with, communication skills, interpersonal skills, technical knowledge, intra-personal relationship, innovative thinking, leadership and decision.

“Effective management is that the results of labour and careful coming up with. Once abundant analysis authors developed six social control competencies – self-management, strategic action, world awareness, teamwork, coming up with and administration, and communication. They selected these competencies once talking with many managers altogether sorts and sizes of organizations.”

#### Objectives:

1) To know the ways for competence development and list out specific social control competencies for enhancing management effectiveness.

#### Research Methodology:

This paper aims to conduct a descriptive study by discovering insights relating to competence mapping and competence development of individual manager of choose producing and repair industries .In the context of analysis style, the man of science aims to adopt ways of Survey of regarding literature and knowledge survey.

Sample size: The units of sample for this study square measure worker of service industries from varied segments. The population of customers is infinite. Therefore, the samples of 2 classes of staff i.e, middle level and low level managers are selected by exploitation convenience sampling methodology. The sample is taken from managers of 184 of service industries.





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Limitations: The typical of each competence forms the idea of research of that competence, it's one worth representing a gaggle of elements. Thus, the matter of central tendency may adversely have an effect on the results.

Competency mapping for service industries in Pune

**Result:Service Industries**



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Competency for service Industries	Level	N	Mean	Expected score	Std	Minimum	Maximum
Communication Skills score	Lower level Management	112	12.98	14	2.632	8	19.78
	Middle level Management	72	22.56	46	7.203	25	83
Interpersonal skills	Lower level Management	112	57.895	57	8.2225	40	79
	Middle level Management	72	78.09	70.5	8.0155	54.5	91.5
Technical knowledge	Lower level Management	112	43.99	67	7.0755	22	53.5
	Middle level Management	72	17.385	19	3.541	11	26.5
Intra-personal Relationship	Lower level Management	112	23.74	23	3.6015	12.5	41.5
	Middle level Management	72	15.09	19.5	1.5245	10.5	17
Innovative Thinking	Lower level Management	112	23.52	25.5	5.472	11.5	37
	Middle level Management	72	31.8	30.5	4.055	17.5	38.5
Leadership	Lower level Management	112	19.56	28.5	3.8515	9	25
	Middle level Management	112	57.895	57	8.2225	40	79
Decision	Lower level Management	72	78.09	70.5	8.0155	54.5	91.5





	Middle level Management	112	43.99	67	7.0755	22	53.5
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**Descriptive analysis for competency of service industries**

**1. Communications skill score:** The expected competency from middle management is high (48) as compared to that from the low level management. Also, the actual scores of middle management are greater than expected from them (46.6), whereas, the same from the lower level management falls short of expectation (12.98).

This is a clear indication that middle level managers have very good communication skills which allow them to take directions from the top and give instructions to the lower level management.

**2. Interpersonal skills:**

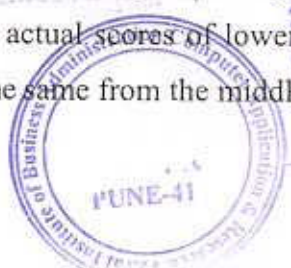
The expected competency from middle management is high (70.5) as compared to that from the low level management. Also, the actual scores of middle management are greater than expected from them (78.9), whereas, the same from the lower level management is equal to expectation (57.8). It means that middle and lower level management are ambient and they interact with all the employees in a positive manner.

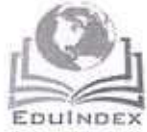
**3. Technical knowledge:**

The expected competency required is 67, but there are scores of 43.99 for lower management, 17 for middle management. This means that middle management people do not possess the expected job performance competency skills. This may be due to the lack of hands-on working experience on the shop floor. Also, this may be due to the fact that middle management people would have been recruited from different domains.

**4. Intra-personal Relationship:**

The expected competency from lower management is high (23) as compared to that from the middle level management. Also, the actual scores of lower management are greater than expected from them (25), whereas, the same from the middle level management is less than





expectation(15.09).It means that lower level management interact with the all the employees in appositive manner as compared to middle level management.

**5.Innovative Thinking:** Based on the actual scores(31.8) and expected score(30) The middle level manager are very good innovators as compared to low level managers.

#### **6.LeadershipSkillscores:**

The average scores of middle level management are 59.5. which are almostmeeting theexpectation.However,thesekillsarelacking amongthelowlevelmanagers(19.5).

The lower level management people seem to be lacking leadership skills.

**7. Decision:** The average scores of middle level managementare72whicharealmostmeeting theexpectation.However,thesekillsarelacking amongthelowlevelmanagers.

#### **Conclusion**

When firms set specific goals and assess staff on however well they meet or exceed their goals, then the results represent themselves. Today’s company world demands in strategic growth, holding and increasing market share, attracting, managing and nurturing talent, and delivering prime quality performance to all or any involved stakeholders. Improvement is that the rule of the sport nowadays.

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**“A STUDY AND ANALYSIS OF EXISTING PRACTICES OF  
COMPETENCY MAPPING & COMPETENCY DEVELOPMENT  
AND MOST PREFERRED PRACTICE OUT OF COMPETENCY  
MAPPING AND COMPETENCY DEVELOPMENT FOR  
MANAGERIAL PERSONNEL IN SELECT MANUFACTURING  
AND SERVICE INDUSTRIES IN PUNE”**

**Prof. Ashish K. Vyas**

Asst. Prof., ZIBACAR, Pune

Ph.D. Student

**Dr. Anand B. Dadas**

Director, NWIMSR,

Pune

**ABSTRACT:**

*The aim of this paper is to study and analyze existing practices of competency mapping and competency development. Also study most preferred practice out of Competency Mapping and competency development for managerial personnel. This paper gives the various definitions of Competency, Managerial Competency and Competency Mapping. Managerial competencies are the major type of competency, which required for the success of an organization. Study of Managerial Competency and competency mapping helps to improve the performance to achieve the goals, vision and mission of an organization in the global scenario. It's also help for own development. Skill, Knowledge and ability/attitude are the major part of manager's competency. A competency development helps to improve individual performance and motivate individuals for performing particular job, occupation or industry. This is the new approach to globalization.*

**Keywords:** Competence, Competency, Competency Mapping, Competency Development, Managerial Competency, Knowledge, Skills, Attitude/Ability, Communication skills.

**1. INTRODUCTION**

The term “competency” plays the important role in improving job performance and in turn qualifies human resources. Especially, in the high competition in corporate world on global level. Now a day's higher level managers like heads and executives requires acquiring a new set of knowledge, skills, and attitudes to face the diversity and complication of the new business environment successfully. Thus the Managerial Competency plays an important role in the global organizations. This is the new approach towards globalization.

Competency mapping helps to analyze Manager's or individual's Strength, Weakness, Opportunities and Treats (SWOT). It also helps them for their career development. Companies are looking for multi skill, multi knowledge higher level managers.

Competency Development helps managerial personnel to improve their knowledge, skills and ability/attitude through various training methods. This is major approach towards globalization.



## **2. LITERATURE REVIEW:**

### **2.1 Definitions:**

**2.1.1 Competence** is the ability of an individual to do a job properly. The word competence is derived from Latin word "competere" which means 'to be suitable/sufficiency of qualification'.

Woodruffe (1991) "A work – related concept that refers to area of work at which a person is competent".

### **2.1.2 Competency/Competencies**

Hayes (1979)- "Competencies are generic knowledge motive, trait, social role or a skill of a person linked to superior performance on the job".

"An underlying characteristic of a person which results in effective and/or superior performance on the job" (Klemp 1980).

Boyatzis (1982) defined competency as "A capacity that exists in a person that leads to behaviour that meets the job demands within parameters of organizational environment, and that, in turn brings about desired results."

Albanese (1989) – "Competencies are personal characteristics that contribute to effective managerial performance".

Woodruffe (1991) "Competency: A person – related concept that refers to the dimension of behavior lying behind competent performer".

Woodruffe (1991) "Competencies: Often referred as the combination of Competency and Competence".

Hogg (1993) defined competency as 'competencies are the characteristics of a manager that lead to the demonstration of skills and abilities, which results in effective performance within an occupational area. Competency also embodies the capacity to transfer skills and abilities from one area to another.'

Ansfield (1997) "Underlying characteristic of person that results in a effective superior performance".

The American Heritage Dictionary of English language (2000) provided a general description as "the state or quality of being properly or well qualified" (p. 376).

UNIDO (2002) - "A Competency is a set of skills, related knowledge and attributes that allow an individual to successfully perform a task or an activity within a specific function or job".

Rankin (2002) "Competencies are definition of skills and behaviours that organization expects their staff to practice in work".

Competencies can be defined as "Skills, area of knowledge, attitudes and abilities that distinguish high performer. (SeemaSanghi 2012)

### **2.1.3 Managerial Competency**

Managerial Competencies are the competencies which are considered essential for employees with managerial or supervisory responsibility in any functional area including directors and senior posts.

**F. Hronik** defines a managerial competence as a "bunch of knowledge, skills, experience and characteristic, which support the achievement of the objective."





- Eight (8) respondents are not given their opinion.



The organizations having 10 years of Competency Development practice are of 37%, between 9 to 5 years are 11%, between 5 to 3 years are 17%, between 3 to 1 years are 28% and below 1 year are 7%.

Q.3 Competency development is done through various training methods

Sr. No.	Options	Respondents	Percentage
1	Strongly Agree	37	50
2	Agree	23	43
3	Neutral	4	7
4	Disagree	0	0
5	Strongly Disagree	0	0
		54	100



50% Respondents said that they strongly agree that the competency Development is done through various training methods, where 43% agreed upon it and 7% are Neutral.

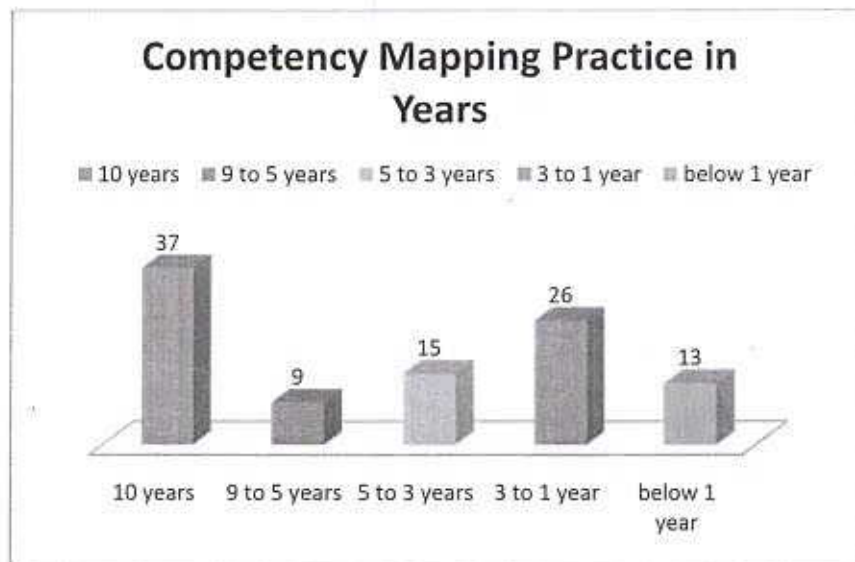


Development is carried in 26% organizations and Competency Mapping in 20% organization. Where in 13% organizations not a single practice is carried.

Q.2 Competency mapping practice is done for last

Sr. No.	Options	Respondents	Percentage
1	10 years	17	37
2	9 to 5 years	4	9
3	5 to 3 years	7	15
4	3 to 1 year	12	26
5	below 1 year	6	13
		46*	100

- Eight (8) respondents are not given their opinion.



The organizations having 10 years Competency Mapping practice are of 37%, between 9 to 5 years are 9%, between 5 to 3 years are 15%, between 3 to 1 years are 26% and below 1 year are 13%.

Q. 3 Competency development practice is done for last

Sr. No.	Options	Respondents	Percentage
1	10 years	17	37
2	9 to 5 years	5	11
3	5 to 3 years	8	17
4	3 to 1 year	13	28
5	below 1 year	3	7
		46	100



- Interview method and
- Questionnaire Method

Researcher uses the Structured Questionnaire as a tool for collecting the Primary Data.

**Questionnaire Formation-** The structured questionnaire was formed according the topic of this paper. Total 3 questions were taken for analysis. All the questions are closed ended questions.

#### Secondary data

Secondary data measures data that is already available i.e. they refer to data which have already collected and analyzed by someone else.

When the researcher utilizes secondary data, then he has to look into various sources from where he can obtain them.

The secondary data collection methods used for this work are:-

- Journals
- Proceedings
- Articles

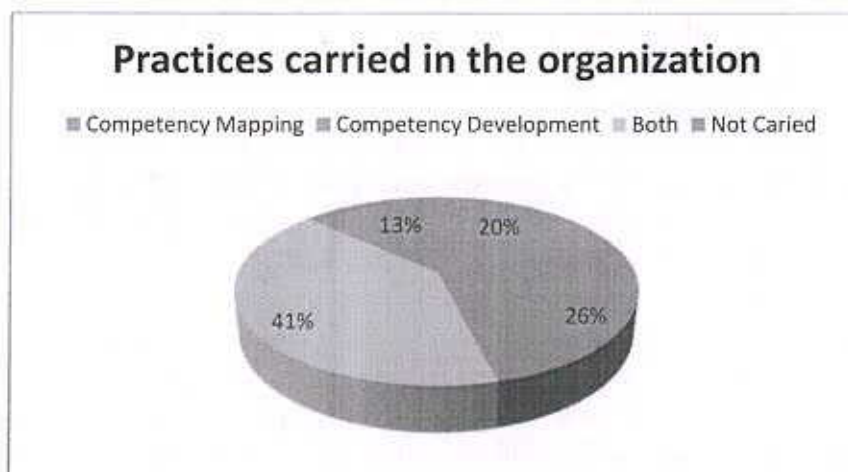
#### 5. LIMITATIONS

- The sample was restricted to the fifty four respondents.
- The organizations which are selected are only five.
- Eight respondents skip two questions from questionnaire.

#### 6. DATA ANALYSIS AND INTERPRITATION

Q.1. Following practice is/are carried in our organization related to competency.

Sr. No.	Options	Respondents	Percentage
1	Competency Mapping	11	20
2	Competency Development	14	26
3	Both	22	41
4	Not Caried	7	13
		54	100



41% respondents said that both Competency Mapping and Competency Development practices are carried in their organization. Only Competency



S. Whiddett and S. Hollyford define managerial competencies as "sets of behaviors that enable individuals demonstrate the effective performance of tasks within the organization".

C. H. Woodruff defines managerial competency as "a set of employee behaviors that must be used for the position that the tasks arising from this position competently mastered."

#### **2.1.4 Competence Mapping:**

"Competency mapping is a process of identifying key competencies for organization, the jobs and functions within it".

"Competency mapping is a process to identify and describe competencies that are most crucial to success in a work situation".

### **3. SCOPE OF STUDY**

This study is based on pilot survey, which helps researcher for the further study in his Doctoral research.

### **4. RESEARCH METHODOLOGY**

**4.1 Research design:** Descriptive method

#### **4.2 Objectives of the Study**

- 1) To find out and study existing practices of competency mapping and competency development in select manufacturing and service industries in Pune.
- 2) To identify out of Competency Mapping and Competency Development which one is mostly practiced in Manufacturing and service industry.
- 3) To analyze which practice is mostly carried the organization, competency mapping or competency development.

#### **4.3 Sampling Technique**

##### **SAMPLING PLAN:-**

- i) Sample Method : Non Probability Convenience Sampling
- ii) Sample Size : 54 managerial Personnel from TATA Motors, TCS, Cummins India, Infosys and TATA Technologies. Out of 54 respondents 32 from Service Industries and 22 from Manufacturing Industries.

#### **4.4 Data Collection Method**

Data are facts, figures and other relevant material, which are either past or present, serving as basis for the study & analysis. Data constitutes the subject matter of analysis the relevance; adequacy and reliability of data determine the quality of study. The data are collected through Primary data and Secondary data.

##### **Primary Data**

It is the information collected during the course of experimentation during experimental research. It can be obtain through the observation or through direct communication with the person associated with selected subject, by performing survey or descriptive research. Primary data which is collected fresh and for the first time it is also called basic data or original data. There are several methods of collecting primary data.

- Observation method



**7. FINDINGS**

1. There are 13% organizations those are not conduct any practice of Competency Mapping and/or Competency Development.
2. The organizations those practicing Competency Mapping between 9 to 10 years are 46%. Also there are organization which are practicing Competency Mapping between 3 to 1 year and 5 to 3 years are 26% and 15% respectively.
3. The organizations those practicing Competency Development between 9 to 10 years are 48%. Also there are organization which are practicing Competency Development between 3 to 1 year and 5 to 3 years are 28% and 17% respectively. Below 1 year are very less i.e. 7%.
4. Competency Development is done though various training methods.
5. It is found that Competency Development is mostly practiced in the organizations.

**8. CONCLUSION**

Competency mapping is useful for managers in identifying performance level, performance standards, good communication, improving relationship between employer and employee and reduce the career related issues. Thus Competency Mapping and Competency Development are essential practices and new approach towards globalization.

**9. FURTHER RESEARCH:**

Required to gather more data from more respondents and from more manufacturing and service industries.

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# NPTEL FDP

## NPTEL FDP on Financial Statement Analysis & Reporting

Dr. Pravin Mahamuni



### About the course:

Financial Analysis and reporting is an integral part of overall financial analysis carried out by various business organizations in India and all around the world. It depicts the financial health of any company and helps the companies to augment their financial resources and management of generated funds efficiently. It compels the business firms to remain judicious in fund allocation to different activities and sub activities and use the generated funds carefully. Financial analysis guides the companies about their future course of action and the direction that any particular company should move in.

### Course layout

**Week 1 :** Introduction, Indian Economy, Industry & Industrial scenario in India, Forms of business organizations, Sole Proprietorship, Partnership firms and private companies, Public and Govt. Companies

**Week 2 :** Content of annual reports, Quality of financial reporting, Reporting regulation in India, Reporting regulations for Partnership firms, Reporting regulations of Companies

**Week 3 :** Nature & objectives of Financial Statements, Uses & Limitations of Financial Statements, Stakeholders of financial statements, Income Statement, Income Statement

**Week 4 :** Income Statement, Income Statement, Balance Sheet, Balance Sheet, Balance Sheet

**Week 5 :** Balance Sheet, Cash Flow Statement, Sources of financial information, Tools and techniques of financial statement analysis, Tools and techniques of financial statement analysis

**Week 6 :** Tools and techniques of financial statement analysis, Ratio Analysis, Ratio Analysis, Ratio Analysis, Ratio Analysis

**Week 7 :** Ratio Analysis, Ratio Analysis, Cash flow statement, Cash flow statement, Cash flow statement

**Week 8 :** Cash flow statement, Comparative Statement, Common Size Statement, Du-Pont Analysis, Concepts on sickness, distress

**Week 9 :** Report preparation of financial statement analysis, Types of business combinations, Consolidated financial statements, Consolidated financial statements, Consolidated financial statements

**Week 10 :** Inter-company transactions and profit confirmations, Inter-company transactions and profit confirmations, Minority interest, consolidated net income and consolidated retained earnings, Minority interest, consolidated net income and consolidated retained earnings, Minority interest, consolidated net income and consolidated retained earnings

**Week 11 :** Balance Sheet Under Income Tax Act, Balance Sheet Under Income Tax Act, Balance Sheet Under Companies Act, Balance Sheet Under Companies Act, Balance Sheet Under Companies Act





Rajgad Dnyanpeeth's

**Rajgad Institute of Management**

**Research & Development, Pune-43**

Approved by AICTE, Recognized by DTE (Govt. of Maharashtra), Affiliated to Savitribai Phule Pune University

**FDP Report**

Academic Year - 2018-19



Name of Programme	Faculty Development Programme on "Finance and Accounts" on revised MBA syllabus 2019
Day and Date	28 <sup>th</sup> June 2019
Venue	Seminar Hall, RIMRD
Name of Resource Persons	Dr. Mahesh Abale, Management Council Member, Savitribai Phule Pune University Dr. Prafulla Pawar, Dean, Faculty of Management, SPPU Dr. Shriram Nerlekar, Director, MM's IMERT Dr. Ashutosh Gadekar, Associate Professor, SIMCA Dr. Shriprakash Soni, Senior Faculty, Suryadatta Institute of Business Management Dr. Kalyani Srinivas, Dr. Shilpa Kankonkar, Dr. Bharat Kasar, Director, CES's RMD Institute Dr. Nilesh Berad, Director, Ashoka Business School, Nashik
Name of Cell/Committee	Internal Quality Assurance Cell
Name of Coordinator	Prof. Abhay Pathak, Prof. Sachin Bidve



## **FDP on “Finance and Accounts ” Based on revised MBA Syllabus 2019**

### **Objective of Programme:**

- 1) To discuss the revised syllabus 2019 (Finance & Accounts)**
- 2) To focus on teaching methods considering end semester evaluation**
- 3) To discuss on implementing outcome based learning.**

### **Description of Programme:**

Rajgad Dnyanpeeth's Institute of Management Research and Development organised one day Faculty Development Programme on Finance and Accounts” based on revised MBA syllabus 2019. The FDP was organized in association with Savitribai Phule Pune University. From on 28<sup>th</sup> July 2019.

Total 83 faculty members attended the Faculty Development Programme.

The purpose of the FDP was to understand structure, CO-PO mapping mechanism, frame programme specific outcome (PSO) and End Semester Evaluation of MBA revised syllabus 2019 with specific focus on finance and accounts.

Dr. Mahesh Abale, Management Council Member, and Chairman Finance Board of SPPU was invited as Chief Guest for the FDP. Dr. Shriram Nerlekar, Director, Marathwada Mitra Mandals IMERT, BOS Member, Finance Board, SPPU and Dr. Bharat Kasar, Director, RMD CAMP Education Society's RMD Institute of Management were invited as a Key Note Speaker for the FDP. Chief guest, Keynote speakers of FDP and Dr. D. B. Bharati, Director, Rajgad Institute of Management Research and Development garland the Goddess Saraswati and inaugurated the FDP. Inauguration was followed by welcome address given by Director Dr. D. B. Bharati.

First session was conducted by Dr. Mahesh Abale. Dr Mahesh Abale in his speech focused on important changes in the revised syllabus and asked faculty members to implement the syllabus properly.

Second session was conducted by Dr. Shriram Nerlekar, a Key Note Speaker for the FDP. He conducted a session of CO Attainment on Accounts and finance specialisation subject. He explained in detail process of CO Attainment, COs, POs, its linkage to all concurrent evaluation parameters and then final overall CO Attainment. He also distributed the Excel formats of CO-PO Attainment.





Third session was conducted by Prof. Kalyani Shrinivas, Professor & Head, MBA Department, PES Modern College of Engineering was also invited as a key note speaker. She guided all faculty members on Programme Specific Outcomes (PSOs)

After lunch session was conducted by Dr. Bharat Kasar, Director, RMD CAMP Education Society's RMD Institute of Management. Dr. Bharat Kasar conducted a session on SPPU Examination pattern, He explained about Bloom's Taxonomy and ExaminationPattern in detail. Thereafter a group activity session was conducted for all participants. The activity was based on formulation of question bank for finance. Total ten groups were formed among the participants. The group activity was conducted by Dr. Ashutosh Gadekar, Professor, Financial Management, Sinhgad Institute of Management & Computer Applications, Dr. Shriprakash Soni, A Senior faculty in Financial Management, Suryadatta Institute of Management, Dr. Hema Gwalani a Senior faculty, MET's Bhujbal Knowledge City, Nasik, Dr. Shriram Nerlekar, Director, MM's IMERT and Dr. Anishkumar Karia, Assistant Professor, SB Patil Institute of Management, Chinchwad.

Google form was designed and circulated among all faculty members and all participants were instructed to enter the questions as per Bloom's Taxonomy. In the end , all questions were categorised, summarised and checked.

A valedictory session was organised at 5pm in the institute. Dr. Nilesh Berad, Director, Bhujbal Knowledge City was invited as a chief Guest for Valedictory Session. Participation certificates were distributed to all faculty members by the hands of distinguished guests.

At the end, Dr. Prajakta Warale proposed vote of thanks to management, Savitribai Phule Pune University, all invited guests, key note speakers and participants .

The FDP was concluded with University Anthem.

\*\*\*\*\*



## Photos of FDP



Director Dr.D.B.Bharati giving welcome address



Director Dr. D. B. Bharati felicitating chief guest of FDP session





Delegates for FDP



Participants for FDP





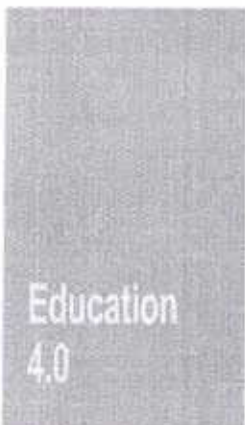
Participants for FDP



\*\*\*\*\*



## WORKSHOP ON " EDUCATION 4.0



- Information should be free and freely available.
- It should be age-less, personalised, and blended learning, based on individual abilities and natural inclinations.
- Requirement of memorisation of anything other than concepts has almost disappeared, as has the requirement of calculation which has almost all-but-



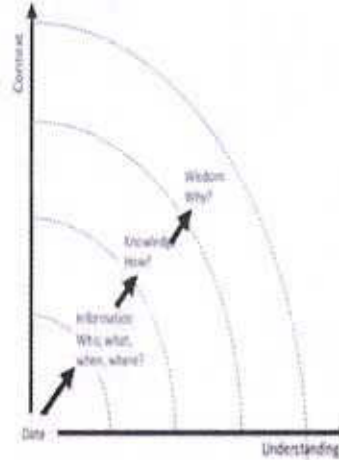
# EDUCATION 4.0 SHOULD DO

Creative Education



Innovation in Education

## DIKW Model



**One key barrier is the quality of learning.**  
Fundamental innovation in primary and secondary school content and delivery has remained limited

Knowledge Management  
DIKW Hierarchy:

The diagram illustrates the DIKW Hierarchy. It features a vertical axis labeled "context independence" and a horizontal axis labeled "variability". The hierarchy consists of four levels: Data, Information, Knowledge, and Wisdom. Arrows point upwards from Data to Information, Information to Knowledge, and Knowledge to Wisdom. The transitions are labeled: "understanding relations" between Data and Information, "understanding patterns" between Information and Knowledge, and "understanding principles" between Knowledge and Wisdom. To the right of the hierarchy is a network diagram with various nodes and connecting lines.



## Training Program on How to Balance Academics and the administrative work

Top chat reply v

- Message: HIRSHI KADAR AH MRSUT  
TACHARS TACHING COLLEGE MADHUBAI  
hemadk022@gmail.com
- Laxmidas Modak: Good afternoon
- Dr. Indu Sharma: good afternoon
- Dr. Sumanth Kumar: Very Good Afternoon to all. This is  
Dr. Sumanth Kumar, Research Guide, JIT  
Gujapur
- Prakash Patil: Good afternoon
- Dr. Archana Pathak: good afternoon everyone my self  
@dragn44174
- Archana Pathak: Hi everyone
- Dr. Sumanth Kumar: Good afternoon
- Dr. Indu Sharma: Good afternoon to all

## Programme structure

- Dr. Sumanth Kumar: Role of Academician as a Administrator
- Dr. Santosh Sonavane: Challenges for Education community post COVID and Improvements needed for teachers
- Dr. Prakash Patil: Outcome based academic & administrative responsibilities of Teachers in Higher Education
- Dr. Indu Sharma: Tactics to become a deft juggler. (I will speak about few tactics to face multitude duties)
- Dr. Archana Pathak: E- teaching tools for Digital teaching and learning and how can we work in collaboration and as a team member by using different technical tools digitally
- Prof. Aditi Sonawane: Administrative work: Admission related digital marketing and strategies during and post covid





