

Marathwada Mitra Mandal's College of Engineering

Karvenagar, Pune 52

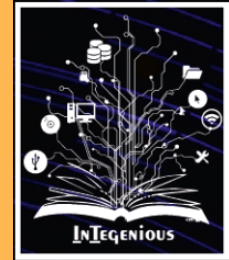
RECIPIENT OF "BEST COLLEGE AWARD 2019" BY SPPU



Department of Information Technology

INTEGENIOUS

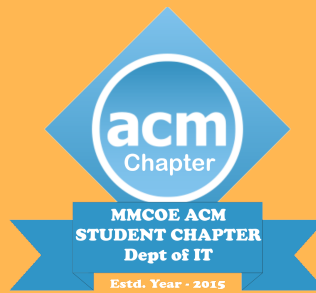
Volume V | Issue 1 | June 2019 – November 2019



Highlighting Event

- Five days FDP on Data Science and Big Data Analytics in association with ICT Academy
- Two days workshop on "Python"
- Four days training program on "Cross Platform Mobile App Development"

Student Chapters/ Associations



MoU's with Industries



PERSISTENT



ZenSar
TECHNOLOGIES



cybervault
Endlessly Alert.





InTegenious



A biannual newsletter from Department of Information Technology, MMCOE

Volume V | Issue 1 | June – November 2019

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Vision of Department:

- ❖ To Emerge as a Center of Excellence in IT education, Research and Innovation for enrichment of Society.

Mission of Department:

- ❖ To cater IT Industry with Engineers having theoretical & practical background with rich skill set
- ❖ To pursue advancement in knowledge in field of Information Technology
- ❖ To inculcate budding IT Engineers with Logical thinking, analytical aptitude, leadership & creativity

Message from HOD

Dear Readers,

I feel glad to introduce you to, our first issue of volume V, of IT Dept e-newsletter “InTegenious”. In this issue we have covered almost all the activities of the dept for AY 2019-20 Sem - I. Major activities I would like to highlight are Five days FDP on Data Science and Big Data Analytics in association with ICT academy, Two days workshop on Python and many more events. I appreciate the efforts taken by E-newsletter team and wish them all the best for upcoming issues.



Programme Educational Outcomes (PEO's):

- ❖ **PEO1: Possess adequate knowledge and skills in Mathematics, Engineering and Information Technology for analyzing, designing and implementing complex problems of any domain with innovative approaches.**
- ❖ **PEO2: Possess an inclination and technical competency towards professional growth, research, entrepreneurship and higher studies in the field of Information Technology at global level.**
- ❖ **PEO3: Possess interpersonal and leadership skills along with ethical practices, societal contributions through communities and life- long learning.**

Team InTegenious

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Our Mentor: Dr. Vijaykumar Bidave, HOD IT

Faculty Editor: Mr. Nikhil Dhavase, Assistant Professor, Dept. of IT

Ms. Vidya Dhere, Assistant Professor, Dept. of IT

Student Editors: Mr. Yash Jawalkar & Mr. Anshul Jadhav, BE IT

Student Placement Details

Sr. No	Name of Student	Company	Package (in Lacs)
1.	Mr. Raj Balsekar	Zensar	3.2
2.	Ms. Tanmayee Kulkarni	Zensar	3.2
3.	Ms. Varsha Kirve	Zensar	3.2
4.	Mr. Tejas Kulkarni	Zensar	3.2
5.	Ms. Pratiksha Kambhar	LTI	3.5
6.	Ms. Rucha Kadam	Altimetrik	5
7.	Mr. Omkar Pardeshi	Bitwise	3.84
8.	Mr. Omkar Pardeshi	TCS	3.37
9.	Ms. Rucha Kadam	TCS	3.37
10.	Ms. Varsha Kirve	TCS	3.37
11.	Mr. Kratik Nagar	Eternus Solutions	3.6
12.	Ms. Aditi Parekh	Fiserv	3
13.	Mr. Anurag Joshi	Fiserv	3
14.	Mr. Shubham Patil	T-Systems	3.5
15.	Mr. Shreyas Malavde	T-Systems	3.5
16.	Ms. Karishma Suryawanshi	T-Systems	3.5
17.	Ms. Tanmayee Kulkarni	Vmware	10
18.	Ms. Aakansha Gadikar	ATOS SYNTEL	3
19.	Ms. Shruti Karde	ATOS SYNTEL	3
20.	Ms. Pratiksha Deshpande	ATOS SYNTEL	3
21.	Mr. Omkar Gokhale	ATOS SYNTEL	3
22.	Ms. Smita Pasalkar	ATOS SYNTEL	3
23.	Ms. Sayali Teli	ATOS SYNTEL	3

Student Internships

Sr. No	Student Name	Company Name
1.	Mr. Salil Chincholikar	Data Analytics at Aam Aadmi Party (via Internshala)
2.	Mr. Salil Chincholikar	Machine Learning at Aam Aadmi Party (via Internshala)

3.	Mr. Ajinkya Karanjakar	Task Compusys
4.	Ms. Akanksha Gadikar	Task Compusys
5.	Ms. Samruddhi Velapurkar	Liveworks
6.	Ms. Pranjal Patil	PixaFlip
7.	Ms. Deepika Jadhav	PixaFlip
8.	Ms. Prajakta Raut	Shariwa Solutions Pvt. Ltd.
9.	Mr. Tejas Kulkarni	Runbuddies Club Pune
10.	Mr. Anurag Joshi	FranConnect India Software Pvt. Ltd.
11.	Mr. Abhishek Lalwani	Hapiens Digital (P) Ltd.

Seminars / Guest Lectures Conducted By Department

Sr. No	Name of Resource Person	Designation and Organization	Topic of Lecture	Date	Beneficiary class
1.	Mr. Akshay Kudale	Founder & Business Developer.	Guest lecture on use of simulation software	20/07/19	SE
2.	Mr. Vivek Kulkarni	Persistent Systems Pvt. Ltd.	Guest lecture on Theory of Computation.	04/10/19	TE
3.	Mr. Kiran Jadhav	Credit Systems India, Pune.	Expert lecture on Web Design and Development.	04/10/19	TE
4.	Mr. Mahesh Bodhgire	MD, ecoRise Software Solutions, Pune.	Expert lecture on Data Mining and Machine Learning.	07/10/19	TE
5.	Dr. Dattatray Parle	Simulation Center, Pune.	Guidance session on Project Based Learning for NBA.	26/11/19	Faculty
6.	Dr. Pravin Phutane	VIIT, Pune	Guidance session on NBA evidence collection for faculty.	26/11/19	Faculty
7.	Mr. Prasad Tasgaonkar	Director, Task CompuSys, Pune	Expert lecture on use of data structures in robotics and real world applications.	02/08/19	SE (E&TC, IT)

Workshops & Technical Events Conducted By Department

1. A four days training program on “Cross Platform Mobile App Development (CPMA)” and Microsoft MTA Certification on JAVA Script:

A four day training program on “Cross Platform Mobile App Development (CPMA)” was jointly organized by Department of IT, MMCOE in association ATS Learning Solutions Pvt. Ltd. during 29th July to 1st August 2019. The training program was conducted with all hands-on sessions covering JavaScript, jQuery, SQLite database, Media and Geo-location management APIs, Deploying and testing Application etc. The training program received overwhelming response with a total of 42 participants participating in. These students will be receiving Microsoft MTA Certificate after clearing an online exam based on the training program. The trainer for this program was Mr. Suresh Pal.



2. A C Programming Workshop:

Department of Information Technology conducted a 5 days hands on workshop on “C programming” for students of MMCOE coming from first year to second year IT. The workshop was conducted from 24/06/2019 to 28/06/2019 by all faculty of IT department. Total 48 Students participated in the workshop. Department conducted this workshop to enhance programming skills of students as C programming is the basic of all other programming languages. Based on C programming ,students have fundamentals of Data structures,Data structure and files,Computer graphics,Operating system as part of their curriculum. So, this workshop will be helpful to students to develop their technical abilities.

3. Two days hands on workshop on “Python Programming” :

Department of IT organized a two days hands on workshop on “Python Programming” for the students of SE, TE and BE IT on 28th & 29th September 2019. Resource person for the workshop was Mr. Akmal Ziyad Gyasoddin, Persistent Systems Ltd., Pune. As a part of the workshop, individual student learned basics of Python Programming. Workshop was beneficial for the students to gain additional knowledge for developing applications in Python. Following contents were covered in the session -

- | | |
|---------------------------|---|
| i. Introduction to Python | ii. Python Essentials and Data Structures |
| iii. Python Functions | iv. Modules |
| v. File Handling | vi. Exception Handling |



4. One week FDP on “Data Science & Big Data Analytics” in association with ICT academy:

One week Faculty Development Program on “Data Science & Big Data Analytics” was organized at MMCOE by Department of IT and Department of Computer Engineering during 29th July to 2nd August 2019. Total 23 faculties from various colleges participated and completed all the tasks given to them during this FDP. The trainer for the FDP was Ms. Navpreet Kaur. Following contents were covered during the FDP:

- | | | |
|------------------------|---|------------------------------|
| i. Big Data Analytics | ii. Basics of R Programming | iii. Data Visualization in R |
| iv. Data Handling in R | v. Machine Learning and Data Mining techniques in R | |



5. Spoken Tutorial:

Spoken Tutorial Online Test was Conducted on 10th August 2019 for students of Information Technology Department. The test was organized by Mrs. Preeti Joshi on languages C++, Python and RDBMS PostgreSQL. Mr. Jitendra Chavan worked as Invigilator for the test. Total 206 students appeared for the tests.

The result was as follows:

RDBMS PostgreSQL - 98.66% ; C++ - 100% ; Python - 82.19%

Parent Teacher Meeting

Parent Teacher Meet was conducted on 31st August, 2019. The registration of parents for the meeting started at 10:45 am. Parent teacher meet commenced at 11:15 am with speech of HOD, Dr. V. S. Bidave, who gave an insight of various student centric activities in department. Parents interacted with HOD and other staff members of department. Dr. S. M. Deshpande, Principal MMCOE addressed parents regarding skill development of students and motivated them to encourage their wards for participation in college activities. Felicitation of toppers was done at the hands of Head of the department, and other faculty members. Meeting concluded with vote of thanks and distribution of refreshments.



MMCOE ACM Student Chapter Activities

The Students selected for the mentioned posts of MMCOE ACM Student chapter (<http://mmcoe.acm.org>), for the AY 2019-20 are as below:

Sr. No	Name of Post	Name of Student
1.	Chairperson	Ms. Deepti Dongre
2.	Vice-Chairperson	Mr. Atharva Inamdar
3.	Web Master	Ms. Prajkta Bimalkhedkar
4.	Web Master	Mr. Sachin Bavdhankar

5.	Treasurer	Ms. Sonali Bhalke
6.	Co-Treasurer	Ms. Ankita Deshmukh
7.	Secretary	Ms. Devika Rembhorkar
8.	Joint Secretary	Ms. Sanjana Pisute
9.	Event Head	Mr. Mohan Kulkarni
10.	Event Head	Ms. Rutuja Pacharne
11.	Social Media Manager	Mr. Rushikesh Pede
12.	Membership Head	Ms. Snehal Kadam
13.	Member	Mr. Vinay Karanjkar

- **SYNERTECH:**

Department of Information Technology in association with MMCOE's ACM student chapter had organized a technical event "SYNERTECH" on 3rd October 2019. The event was a 3 round competition, in which participants collaboratively, had to put there technical skills and the ability of working under pressure to the test. Winners and 1st Runner-ups were rewarded with a cash prize of Rs. 1000/- and Rs. 500/- respectively.



IT Students Association (ITSA) Activities

- ITSA is an association of IT department students for the students by the students of the students. ITSA was formed in AY 2014-2015.
- ITSA Student Committee for AY 2019-20:

Sr. No.	Name of Post	Name of Student
1.	President	Mr. Krunal Patil
2.	Vice-President	Ms. Devyani Jadhav
3.	Treasurer	Mr. Govind Rapanwad
4.	Department General Secretary	Mr. Shreyas Chate
5.	ITSA General Secretary	Ms. Pranjal Patil
6.	Secretary	Ms. Pooja Jagtap
7.	Technical Head	Mr. Abhijeet Kalluray
8.	Member	Mr. Shubham Kamble
9.	Member	Ms. Sonali Bhalke
10.	Member	Ms. Riya Chougule
11.	Member	Ms. Pooja Muley
12.	Member	Mr. Rushikesh Pede
13.	Member	Ms. Nikita Mule

- **NoOps Challenge Workshop:**

Department of Information Technology had organized workshop on “NoOps Challenge” under ITSA (Information Technology Student Association) on 6th July 2019. The main objective of the event was to inculcate the knowledge of API in students and make them familiar with the basics of API framework. The event was conducted by Mr. Gautam Chitnis, one of the contributor to Google Open-Source Forum also working with many start-ups and one of our fellow student studying in BE-IT.

- **Cyber Security awareness Session:**

Department of Information Technology had organized expert session on “Cyber security awareness” under ITSA (Information Technology Student Association) on 31th July 2019 in association with Cyber Cell Dept, Pune Police. The guest speaker started with introduction of ethical hacking, its importance and simple measures an individuals can to take prevent his/her data from getting hack. Then he explained about frauds, the reasons they occurs.



- **Teacher's Day & Engineer's Day:**

Department of Information Technology Celebrated Teacher's Day and Engineer's day on 05-09-2019 under ITSA (Information Technology Student Association). On this occasion, students felicitated teachers of IT department. Hon. Principal sir, Dr. S. M. Deshpande and Head of Department, Dr. V. S. Bidave gave an insight on the importance of teachers and parents in life. They also briefed about today's IT world and the importance of networking in today's world. ITSA coordinator Mr. Jitendra Chavan and student coordinators organized the event gracefully.



Result (AY 2018-19 Sem II)

Sr. No	Class	No. of Students Appeared	Passing Percentage
1	SE	74	48.65%
2	TE	70	80.00%
3	BE	71	95.77%

Our Toppers

Rank	Class	Name of Student	Percentage / CGPA
1	SE	Mr. Sachin Bavdhankar	8.4
2		Mr. Shivam Mathwad	8.24
3		Ms. Deepika Jadhav	8.08
1	TE	Ms. Bhagyashree Padrat	8.41
2		Ms. Aditi Parekh	8.35
3		Mr. Tejas Kulkarni	8.33
1	BE	Mr. Vishal Marhatta	8.95
2		Mr. Aditya Phadke	8.10
3		Ms. Manasi Patil	8.01

Faculty Highlights

1. Seminar/ Workshop / Conferences Attended:

Sr. No	Topic	Name of Faculty	Particulars
1.	Teaching Techniques by ICT Academy	Mr. Pratik Kamble	FDP (ICT Academy)
2.	Product Design & Development by MCIII	Mr. Jitendra R Chavan	FDP (MCIII)

3.	Data Science and Big data analytics by ICT Academy	Dr. V.S.Bidve	FDP (ICT Academy)
4.	Data Science and Big data analytics by ICT Academy	Mr. Nikhil Dhavase	FDP (ICT Academy)
5.	Data Science and Big data analytics by ICT Academy	Mr. Pratik Kamble	FDP (ICT Academy)
6.	12 week NPTEL Course :- Problem Solving through Programming in C	Mr. Jitendra R Chavan	NPTEL FDP
7.	Summer Industrial Training Program held at Infostretch Corporation	Ms. Shital Kakad	Training Program
8.	Salesforce Essentials for Business Specialists	Mr. Pratik Kamble	FDP (ICT Academy)

2. Certification Courses:

Sr. No	Name of Certificate	Name of Faculty
1.	12 week NPTEL Course :- Problem Solving through Programming in C	Mr. J. R. Chavan
2.	IIT-B Spoken Tutorial - Java Programming	Dr. V. S. Bidve
3.		Mrs. P. S. Joshi
4.		Ms. S. A. Kakad
5.		Mr. N. S. Dhavase
6.		Mr. P. B. Kamble
7.		Mr. S. S. Shinde
8.		Mr. J. R. Chavan

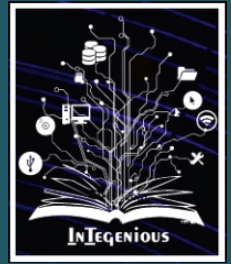
3. Faculty Achievements:

- Dr. V. S. Bidave, “Web Based Tool for Measuring Coupling in Object-Oriented Software Modules”, International Journal of Intelligent Engineering and Systems, Vol.12, No.4.
- Dr. V. S. Bidave organized International Conference on Management, Engineering & Social Science 2019.
- Mr. Swapnil Shinde authored book on subject “Software Testing & Quality Assurance” for TechKnowledge Publications.

4. List of faculty & Staff Members in the Department:

Name of the Staff & Designation		Name of the Staff & Designation	
Dr. Vijaykumar S. Bidave <i>Associate Professor</i> & <i>Head of the Department</i>		Mrs. Rupali M. Chopade <i>Assistant Professor</i>	
Mrs. Preeti S. Joshi <i>Assistant Professor</i>		Ms. Pranjali R. Kuche <i>Assistant Professor</i>	
Ms. Sheetal A. Kakad <i>Assistant Professor</i>		Mrs. Rashmi M. Bhattad <i>Assistant Professor</i>	
Mr. Nikhil S. Dhavase <i>Assistant Professor</i>		Mr. Pratik B. Kamble <i>Assistant Professor</i>	
Mr. Swapnil S. Shinde <i>Assistant Professor</i>		Mr. Jitendra R. Chavan <i>Assistant Professor</i>	
Ms. Shruti A. Kulkarni <i>Assistant Professor</i>		Mrs. Smita Kari <i>Lab Assistant</i>	
Mr. Vinayak M. Kulkarni <i>Lab Assistant</i>		Mr. Dinkar R. Patil <i>Technical Assistant</i>	

INTEGENIOUS



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The computer was born to solve
problems that did not exist before.



Bill Gates
October 28, 1955

Co-founder of Microsoft Corporation