



Vivekanand Education Society's
Institute Of Technology

Department of MCA

REPORT ON
Staff Achievements
(2017)
(Even Semester)

DEPARTMENT OF MCA

The department of **MCA** had numerous highlights in this year **2017 Even Semester**.

Highlights:

Awards:

MCA Second Year Students Neha Menon and Team(VenkateshVaasudhevan, DhanashriPhatak, Sandesh Nambiar, Vineeth Pillai, Shilpa Das) bagged 2nd Runner up position in Smart India Hackathon 2017 conducted at “JSS Academy of Technical Education, Noida”, on 1st April 2017 and 2nd April 2017 mentored by Mrs. RohiniTemkar.

Department Activities:

Guest lectures in the department:

SEL:

- An expert session on **“Operating System Concepts”** conducted by **Ms. Deepika Panwar, Mastech** for First year MCA students on 8th April 2017.
- **Mr. Amit, VITWadal** delivered a guest lecture on **“Mobile IP”** for First year MCA students on 8th April 2017.
- **Mr. Atig Bagchi , Solution Architect, IBM** took an expert lecture on **“Application of Simulation and Modeling”** on 8th April 2017.

NPTEL :

- In this semester, **NPTEL Video Lectures** conducted in **Operating System and Financial Accounting** subjects for MCA First Year students on **22nd February 2017, 25th March 2017 and 5th April 2017.**
- For MCA Second Year Students, **NPTEL Video Lectures** conducted in **JAVA and ADTA** subjects **3rd February 2017, 15th March 2017 and 3rd April 2017.**

POGIL:

- For MCA First Year Students POGIL activity conducted on topic **“Decision Making”** under **DMMM** subject on **23rd March 2017 and 5th April 2017.**
- On topic **“Verification & Validation of Simulation Models”** for **SMS** subject, a POGIL activity conducted for **MCA Second Year Students** on **3rd April 2017 and 6th April 2017.**

SURPRISE TEST/ONLINE-QUIZ:

- For MCA First Year Students, a surprise test conducted on topic **“Sorting, Searching, Hashing”** on **11th February 2017.**
- An **Online Quiz, Aptitude** questions based on **Data Structure Syllabus** conducted for MCA First Year Students on **8th April 2017.**

Staff Activities:

Training/workshops/FDP:

- All most all MCA faculty actively attended ISTE approved STTP on "IT Innovations" from 5th January to 11th January 2017 at VESIT.
- Mrs. Sangeeta Oswal was in the organizing committee and co-ordinated the ISTE approved Industry oriented workshop on : IT Innovation " held at VESIT, January 2017 at VESIT.
- Mr. Dashrath Mane attended Workshop on " Qualitative & Quantitative analysis and Thesis Writing" from 6th to 07h January 2017 SIMS in collaboration with University Of Mumbai.
- Mrs. Geocyteshejy, Mrs. Sangeeta Oswal, Mr. Ameya Parkar, Mrs. Ruchi Rautela, Mr. Sunny Nahar, Mrs. Vaishali Gatty, Mrs. Monali Rajput, Mrs. Archana Cattended workshop on "Python Programming with Analytics" on 7th January 2017 at VESIT.
- Mrs. sangeeta oswal attended workshop on "Academic Conference & Academic Awards TechNext India 2017 Symbiosis Academicains and IT Industry", Victor Menezes Convention, Centre IIT Bombay Powai, 14th and 15th January, 2017
- Mrs. Dhanamma Jagli attended workshop on "Academic Conference & Academic Awards TechNext India 2017 Symbiosis Academicains and IT Industry", Victor Menezes Convention Centre IIT Bombay Powai, 14th and 15th January, 2017
- Mrs. Geocyteshejy, Mrs. Vaishali Gatty co-ordinated a workshop on "Data Integration and Business Intelligence with Pentaho and HADOOP" from 5th January 2017 to 10th January 2017 as a part of the winter school program for MCA students at VESIT.
- Mr. Shivkumar Goel attended Seminar on Data Privacy by Dr Padmaja Joshi (CDAC-Mumbai) In VESIT on 2nd February 2017
- Mr. Dashrath Mane attended "University Relation day " Organised by JP Morgan Chase & Co. on 3rd February 2017 at their Mumbai Office.
- Mr. Shivkumar Goel attended a Talk On "Yoga In Education" by Dr. Nagendra , Former VC of IISC , Bangalore arranged by VESIT Trust in VESIT on 24th March 2017
- Mr. Dashrath Mane coordinated TCS Session on Coding contest for FE, SE, TE Students on 31st March 2017 in VESIT Campus.
- Mr. Dashrath Mane participated in Capgemini-Tech Fiesta 2017 on 03rd April 2017 at their Airoli Office.
- Mrs. Dhanamma Jagli organised TISS activity for MCA First year both shifts under MCA placement cell, 2nd February 2017 Prof. A. Naganand at VESIT.
- Mrs. Dhanamma Jagli organised Resume building activity for MCA 2nd year both shifts under MCA placement cell , 31st January 2017 and 15th February 2017 by Prof. A. Naganand at VESIT.
- Mrs. Dhanamma Jagli organised Placement Talk (Transaction Analysis) for MCA 2nd year both shifts under MCA placement cell , 31st January 2017 and 6th February 2017 18th February 2017 by Prof. A. Naganand at VESIT.
- Mrs. Dhanamma Jagli organised Placement Talk (interviews) for MCA 2nd year both shifts under MCA placement cell , 1st February and 17th February 2017 by Prof. A. Naganand at VESIT.
- Mrs. Dhanamma Jagli organised JPMC CFG Introduction for MCA 2nd year both shifts under MCA placement cell , 14th February 2017 by JPMC Representative at VESIT.
- Mrs. Dhanamma Jagli organised Intern Lectures of General Mills for MCA 2nd year both shifts under MCA placement cell , 1st April 2017 by Prabhanath Nair, Vargese, Prajakta and Gayatri at VESIT.

- **Mr.Dashrath Mane** coordinated **Accenture -MIT Lecture on Blockchain** by **Dr.Abel Sanchez** for **prefinal year Students** on **07th April 2017**.
- **Mrs. DhanammaJagli** coordinated **Accenture -MIT Lecture on Blockchain** by **Dr.Abel Sanchez** for **prefinal year Students** on **07th April 2017**.
- **Mr.Dashrath Mane** coordinated **Morgan Stanley Session** for **Prefinal year CMPN/IT Students** on **18th APRIL 2017** by **Mr. RajatBurmi** in **VESIT Campus**.
- **Mrs. DhanammaJagli** coordinated **Morgan Stanley Session** for **Prefinal year CMPN/IT Students** on **18th APRIL 2017** by **Mr. RajatBurmi** in **VESIT Campus**.
- An Expert talk on **“Use of Formal Modelling for Data Mapping”** under **VESIT Research Forum** by **Mrs. RuchiRautela, Mrs. Indira Bhattachary,** **19th April 2017** at **VESIT**.
- **Mr.Dashrath Mane** coordinated **NOMURA Session** for **Prefinal year CMPN/IT/MCA Students** on **20th APRIL 2017** by **Mr. Vikas** on **Fintech** in **VESIT Campus**.
- **Mr. Shivkumar Goel** attended a **FDP on Blockchain:The next Generation of Internet** By **dr Abel Sanchez(Executive Director of Geospatial Data Center , Massachusetts Institute of Technology)** on **07th April 2017** at **VESIT**.

Research Paper Publications:

- **Mr.ShivkumarGoel** presented research in **Internantional Conference (ICICT), coimbtore,** Titled **Improved Design of e-penalty to control Road and Transport Safety with the help of ICT and enforcement of e-Governance: A step towards make in India.** **IEEE Xplore: 26 January 2017.**
- **Mrs.DhanammaJagli** presented and published research paper on **“Formation of Cobweb Model for SaaS on the Cloud Computing”,** proceedings of the **11thINDIACom; INDIACom-2017; IEEE Conference ID: 40353 2017, 4th International Conference on “Computing for Sustainable local Development”, 01 March -3rd March, 2017** **BharatiVidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA).**
- **Mrs.DhanammaJagli and Mrs.Meenakshi Garg** published a research paper on the topic **"Decision Tree Classification of Students Placement Factors Using R Data Miner"** in **IOSR Journal of Computer Engineering (IOSR-JCE)** e-ISSN: 2278-0661,p-ISSN: 2278-8727, Volume 19, Issue 2, Ver. II (Mar.-Apr. 2017), PP 68-72.
- **Mrs.DhanammaJagli** presented technical paper at **AVALAN** with **MCA II year students.**
- **Mrs.Sangeeta Oswal** presented a research paper on the topic **"Review of BlockChain a SecurityWallet"** in **IRJET** Volume4,issue 6 June 2017. **"A Study on Data Mining Techniques on Healthcare Issues and its uses and Application on Health Sector"** **IJESC** vol 7 issue 6 2017 **Echance Privacy Protection Model For Android/IJESC/June-2017/2321-3361.**
- **Mrs.Dhanamma Jagli** presented and published a research paper on **“Analysis of Cloud Services”,**in **International Research Journal of Engineering and Technology (IRJET),**Volume:04,Issue: 06 June -2017.
- **Mrs.Dhanamma Jagli** presented a research paper **A review on Multi factor Authentication(MFA)”,** **International Journal for Science and Advance Research In Technology** (**INTERNATIONAL PEER REVIEWED OPEN ACCESS JOURNAL**), Volume 3,Issue 6, June 2017.
- **Mrs.Dhanamma Jagli** published a research paper **“Challenges in Implementing Enterprise Resource Planning (ERP) System in Big Firms** in **“, International Journal for Research in Applied Science & Engineering Technology (IJRASET),** Volume 5 Issue VI, June 2017, IC

Value: 45.98.

- **Mrs.Dhanamma Jagli** presented a research paper "**Cloud Service Security using Two-factor or Multi factor Authentication**",in **International Research Journal of Engineering and Technology (IRJET)**, Volume: 04 Issue: 06 June -2017.
- **Mrs.Dhanamma Jagli** published a research paper on "**Cloud Computing and Security Issues**", Int. Journal of Engineering Research and Application , Vol. 7, Issue 6, (Part -5) June 2017, pp.31-38."CloudSDLC: Cloud Software Development Life Cycle", International Journal of Computer Applications Foundation of Computer Science (FCS), NY, USA,Volume 168 - Number 8 Year of Publication: on June 2017,10.5120/ijca2017914468.
- **Mrs.DhanammaJagli** presented a research paper on "Decision Tree Classification of Students Placement Factors Using R Data Miner ",IOSR Journal of Computer Engineering (IOSR-JCE) , Volume 19, Issue 2, Ver. II (Mar.-Apr. 2017), PP 68-72.www.iosrjournals.org. "Formation of Cobweb Model for SaaS on the Cloud", **INDIACom- 2017 (IEEE Conference ID: 40353) 11th INDIACom; 2017.International Conference On Computing For Sustainable Global Development (01st – 03rd March, 2017).**
- **Mr.Ramesh Solanki** presented a research paper on the topic **Echance Privacy Protection ModelFor Android/IJESC/on June-2017/2321-3361.GPS Tracking System For Public Transport/IRJET/June-2017/2395-0056.A Survey On Better Tracking Using Digital Intelligence in IJRCCE on May-2017/2320-9801.**
- **Mr.AmeyaParkar** presented and published a research paper on the topic **NOSQL with and without ACID properties/ International Journal for Science and Advance Research in Technology/ISSN: 2395-1052 (Online) Volume 3, Issue 6,on June 2017.Machine Learning Algorithm for process performance testing/International Journal of Innovative Research in Computer and Communicative Engineering/ISSN: 2320-9801 (Online) Volume 5, Issue 6, on June 2017.Introduction to Deep Web/International Research Journal of Engineering and Technology/e-ISSN: 2395-0056 Volume 4, Issue 6,on June 2017. Deepcoder to Self-Code with Machine Learning/International Research Journal of Engineering and Technology/e-ISSN: 2395-0056 Volume 4, Issue 6, on June 2017.**
- **Mrs.Ruchi R** published a research paper on the topic **User Interface Design for Web And Mobile Devices /IRJET/Journal/Volume: 04 Issue: 06 on June 2017/23950072.Sap Data Services for E-commerce/IOSR journal of computer engineering/Volume19,Issue3,Ver on May-Jun2017/2278-8727. License generator using mac address for industrial application/Volume: 04 Issue: 06/june2017/2395-0072."NODE.JS FRAMWORKS/ IJSART/Volume: 04Issue:on 06 June -2017/ISSN [Online] : 2395-1052.**
- **Mrs.Indira Bhattacharya** presented a research paper "**An overview of Ambient Intelligence**"/IJESC/Journal/onJune17/22501371.**User Interface Design for Web And Mobile Devices in/IRJET/Journal/onJune 2017.**
- **Mrs.Meenakshi G** Published a Research Paper on the topic "**Decision Tree Classification of Students Placement Factors Using R Data Miner**" in **IOSR Journal of Computer Engineering (IOSR-JCE)**.e-ISSN: 2278-0661,p-ISSN: 2278-8727, Volume 19,Issue 2,Ver.II(Mar.-Apr. 2017), PP 68-72, Published a Paper on the Topic "**Web Service Testing Automation using SoapUI Tool**" in **IJCA** in June 2017, ISBN : 973-93-80896-47-3.
- **Mrs.VaishaliGatty** presented a paper on" **An approach to smart agriculture using lot,Bigdata and neuralnetwork**" at Data Science congress 2017 on6 th June 2017 "Data Analysis on 'Nutrition Facts for McDonald's Menu Data-set using Python" ISSN 2250-1371,Volume 7,issue No:6,June 2017.
- **Mrs.Monali Rajput** Published a paper in **IJCA** on January 2013 Edition "**Security challenges in Wireless Sensor Network**" **ISBN:973-93-80896-63-7.**
- **Mrs.Archana C** presented a paper on" **An approach to smart agriculture using lot,Bigdata andneural network**" at Data Science congress 2017 on 6 th June 2017.

Certifications & Courses:

- Mrs.DhanammaJaglicompleted certification on "10 tips for writing a truly terrible journal article" on 4th April 2017 from Elsevier Publishing Campus.
- Mrs.DhanammaJaglicompleted certification on "DATA CITATION:HOW CAN YOU AS ARESEARCHER BENEFIT FROM CITING DATA"on4th April 2017 from Elsevier Publishing Campus.
- Mrs.DhanammaJaglicompleted certification on "Why write a Book" on 4th April 2017 from Elsevier Publishing Campus.

Other Activities:

- Mrs.NishiTiku and Mrs.DhanammaJagliunder SPICE activity organized **Aptitude Lectures and Tests, Group Discussions and Debate, Coding Contest Expert lectures** for First Year and Second Year MCA students in the months - **February, March and April 2017**.
- Under SPICE, **BlindCoding Test** is conducted on **15th February 2017** for MCA Second year students.
- **Debate Competition** and **Group Discussion** held on **6th and 9th March 2017** for **MCA First Year Students**, **24th March 2017** **25th March 2017** and **27th March 2017** for **MCA Second Year Students** and judged by **Mrs.DhanammaJagli, Mrs. Sangeeta Oswal and Mr. Sunny Nahar**.
- **Aptitude and Problem Solving Sessions** conducted for **MCA First Year Students** on **15th February 2017** and **20th February 2017**, **11th March 2017** and **1st April 2017**.
- **Mr. ShivkumarGoel** member of **MCA Syllabus (CBCGS) Committee of Mumbai University-February 2017**.
- **Mrs.Geoceyshejy** as convener and **Mr.SunnyNahar** as coordinator from **MCA Department** coordinated "**Data Privacy - AwarenessCampagin**".The event included **poster exhibition cum competition** at college level followed with a session on data privacy by **Dr.Padmaja Joshi** from **C-DAC** on **2nd February 2017** .
- **Mrs.MonaDeshmukh**, **Conver/Member** for **syllabus Revision** of **MCA Sem IV Subjects** under **Choice based scheme**
- **Mr.Dashrath Mane**convener for **MCA (Sem III & IV) Syllabus revision** choice based scheme.
- **Mrs.DhanammaJagli**Convenor for **Syllabus setting** for **Software testing, Software Testing Lab and DBMS Lab /Choice based grading System /MCA SEM-IIIandSyllabus setting member** for **subject DMBI** under **Mumbai University**.
- **Mrs. Sangeeta Oswal** Worked as a **member in the syllabus design committee** for the subject "**Big Data Analytics**" and "**Machine Learning**".
- **Mrs.GeoceyShejy**worked as a **member in the syllabus design committee of Internet of Things (IoT)/choice based system** under **university of Mumbai**.
- **Mrs.DhanammaJagli**designed **Institute level subject "IPR" Syllabus** for **VESIT Autonomy**.
- **Mr.SunnyNahar** Worked as a **member in the syllabus design committee** for the subject "**IPR and Patents**" on **27th February 2017**and "**MIS**" on **25th February 2017** respectively.
- **Mrs. MonaliRajput**Co-Convener for **Digital Forensics syllabus setting** on **25 February 2017**.
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- **Mrs.MeenakashiGarg** worked in **syllabus design committee** for **DBMS, AI & Soft Computing and ERP** for **MCA choice based 2nd and final year**.

- **Mrs. Vaishali Gatty** Worked as a member in the **syllabus design committee** for the subject "Wireless and Mobile technology" on **28th February 2017**.
- **Mrs. Meenakshi Garg** designed **Institute level subject Research Methodology Syllabus** for **VESIT Autonomy**.
- **Mr. Ameya Parkar** as **LBS Projects Incharge** and **Mrs. Sangeeta Oswal, Mrs. Dhanamma Jagli, Mr. Ramesh Solanki, Mrs. Shireesha Yeddu** from MCA Department as **LBS Projects Mentors** coordinated for **LBS Project Review** on **4th March 2017** and **LBS Project Competition** organized on **Technology Day** on **20th March 2017**.
- **Mr. Ameya Parkar, Mrs. Ruchi Rautela** actively conducted **POGIL activity** in DMMM and SMS subjects for MCA First Year and MCA Second Year students.
- **Mrs. Monali Rajput** proactively conducted **Surprise Test and Online Quiz** in Data Structures subject for MCA First Year students.
- **Mr. Ameya Parkar** coordinated for **SEED IT IDOL TEST** for VESIT students in **February 2017** at VESIT.
- **Mrs. Dhanamma Jagli** conducted **MCQ test** for **ADTA/SEM-IV/Regular II-shift** on **2nd March 2017**.
- On the **Technology Day**, Department of **MCA** conducted a **“Technical Exhibition-Summer Projects, Technical Papers and Technical Posters”** for MCA students on **20th March 2017** at VESIT.
- **Mrs. Vaishali Gatty** conducted **SEP (SKILL ENHANCEMENT PROGRAM)** activity for **MCA First year and Second Year** students on **18th April 2017** at VESIT.
- Under **E-CELL**, events like **HACKATHON, Internship Mela, Panel Discussion and Bizcafe** conducted for MCA Students, and MCA Students bagged **First prize and fourth prize** in competition.
- Mrs. Mona Deshmukh acted as Convenor/Member for syllabus Revision of MCA Subjects under Choice based scheme Sem IV.
- Mr. Dashrath Mane acted as Convenor/Member for syllabus Revision of MCA Subjects under Choice based scheme Sem III, IV.
- **Mrs. Geocyshejy** arranged Poster exhibition cum competition for students on Data Privacy on 2nd February 2017. CO-ORDINATED WINTER SCHOOL 2016-17
- **Mrs. Sangeeta Oswal** acted as a Member for syllabus Revision of MCA Subjects under Choice based scheme Sem III, IV.
- **Mrs. Dhanamma Jagli** acted as Convenor for Syllabus setting for **Software Testing and Quality Assurance, Software Testing Lab and Member DBMS Lab** /Choice based grading System /MCA SEM-III, Member for **BIDWM SEM-IV** under Mumbai University. Designed Institute level subject "IPR" Syllabus for VESIT Autonomy.
- **Mrs. Indira Bhattacharya** performed reviewed paper on **IEEE Transactions on Big Data**. Title: "A New Methodology for Storing Consistent Fuzzy Geospatial Data in Big Data Environment".
- **Mr. Sunny Nahar** arranged Poster exhibition cum competition for students on Data Privacy on 2nd February 2017.
- **Mrs. Meenakashi Garg** is Worked in syllabus design committee for DBMS, AI & Soft Computing and ERP for MCA choice based 2nd and final year. Designed Institute level subject Reserach Methodology Syllabus for VESIT Autonomy.
- **Mrs. Vaishali Gatty** co-ordinated a workshop on "Data Integration and Business Intelligence with Pentaho and HADOOP" from 5th January 2017 to 10th January 2017 as a part of the winter school program for MCA students.

Extra Co-Curricular:

- **Mrs. Sangeeta Oswal, Mrs.RohiniTemkar, Mrs. RuchiRautela, Mrs.Monali Rajput and Mrs. VaishaliGatty** performed **group dance** on representing **Gujarat State**.
- **Mrs.SangeetaOswal, Mrs.GeoceyShejy, Mr.RameshSolankhi, Mr.AmeyaParkar,Mrs.Indira Bhattacharya, Mrs.VaishaliGatty,Mr.SunnyNahar and Mrs. Archana C** coordinated for **degree distribution, stage committee and hospitality for differents programs such as - STTP on“IT Innovations” , “Degree Distribution Ceremony” and “Annual Prize Distribution Ceremony”**dated**5th January 2017, 18th February 2017 and 18th March 2017** respectively.
- **Mrs. ShireeshaYeddu, Mrs. VaishaliGatty**done **MOC** for STTP **“IT INNOVATIONS”** from **5th January 2017 to 11th January 2017** at **VESIT**.
- **Mrs. ShireeshaYeddu**done **MOC** for **Degree Distribution Ceremony, Annual Prize Distribution Ceremony** and **Block Chain the next Generation of Internet** on**18th February 2017, 18th March 2017 and 7th April 2017** respectively at **VESIT**.
- **Mrs.Geocey Shejy** Convener for **Data Privacy Awarenes Campagin** on **2nd February 2017**.
- **Mrs.Sangeeta Oswal** Co-ordinator for **FDP "IT Innovations:Faculty Incharge for Spoken Tutorial** for **MCA Department**.
- **Mrs.Indira Bhattacharya performed** Orientation program on **Web Technnology, Thakur college** Jan 2017 participated as an organizer in **sheshthta award** in **september 2016**.
- **Mr.sunny Nahar** Coordinator for **Data Privacy Awarenes Campagin** on **2nd February 2017** Worked as a member in the **syllabus design committee** for the subject **"IPR and Patents"** on **27th Feb 2017**,Worked as a member in the **syllabus design committee** for the subject **"MIS"** on **25th Feb 2017**.
- **Mrs.VaishaliGatty** Worked as a member in the **syllabus design committee** for the subject **"Wireless and Mobile technology"** on **28th Feb 2017**.
- **Mrs.Monali Rajput** Co-Convener for **Digital Forensics syllabus setting** on **25 February 2017**.