

B.M.S. COLLEGE OF ENGINEERING, BENGALURU
Autonomous Institute, Affiliated to VTU

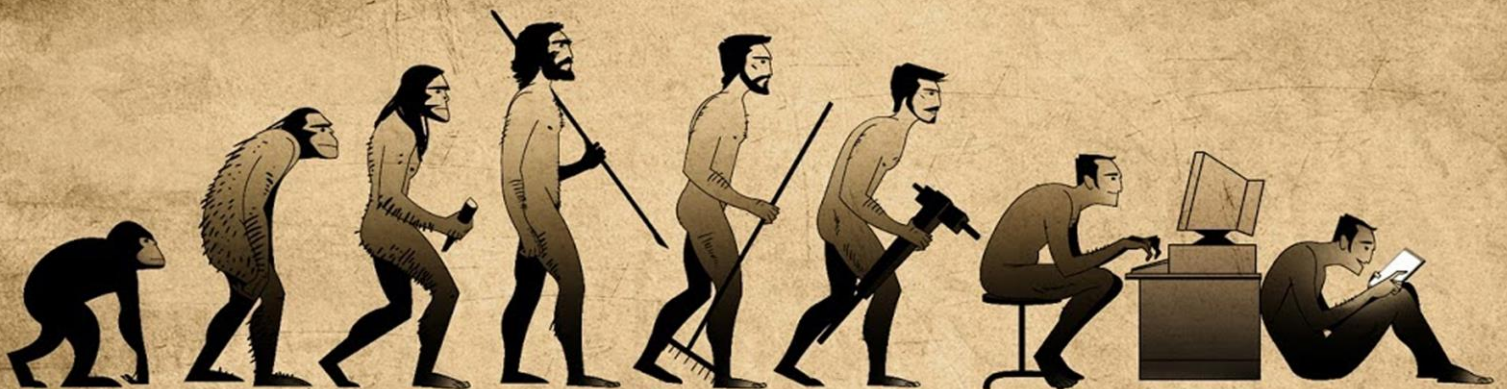


DEPARTMENT OF COMPUTER APPLICATIONS

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- RECOLLECTION BASKET

ACTIVITY REPORT - 2016





B.M.S. COLLEGE OF ENGINEERING BENGALURU-19
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Department Of Computer Applications

Smarana Manjusha - 2016

January 4-9, 2016: Computer Applications in association with Civil Engineering Department organized Two Week STTP ISTE workshop on "Introduction to Structural Engineering" conducted by IIT Kharagpur. Participants were from various colleges viz., Jyothy Institute of Technology, ACS College of Engineering, East West Institute of Technology, Government Engineering College Ramanagar, Christ College, Govt. Engg., College (Khushalnagar), Bangalore Institute of Technology, New Horizon College of Engineering and BMSCE. Resource persons of this workshop are eminent professors of IIT Kharagpur Prof.S.K.Bhattacharyya, Prof. Baidurya Bhattacharya, Dr. Sushanta Chakraborty. This workshop was mainly focused on understanding basic concepts of Structural analysis and design. The key concepts discussed in this workshop made the participants to understand Fundamentals of Structural Analysis, Fundamentals of Reinforced concrete design and Fundamentals of steel design. Workshop was designed in such a way that participants were mandated to solve assignments prior to the workshop by applying concepts of structural Engineering. Entire event was coordinated by RC Coordinator Dr. D N Sujatha, Workshop Coordinator Dr. A S Arunkumar, Teaching Assistants Manjunath R, and Pushpa T S, A-View Coordinator Sowmya B, System Administrator Baktavatsala P and helper Kumari K.



January 4-14, 2016: Mr. Girish K, Asst. Prof., Computer Applications department participated in "THE POWER OF IDEAS 2015", India's largest

entrepreneurship program. The Economic Times hosted this program in association with Jio, Department of Science & Technology (DST), Government of India and the Centre for Innovation, Incubation and Entrepreneurship (CIIE), IIM Ahmedabad, to encourage everyone with a business idea to realize his entrepreneurial dream.

The business idea "Split Lamp", which was submitted by Dr. Srinivas H V, Lumisoft Ltd., Bangalore, is one of the 56 awardees in the contest out of 18,600 business ideas received. The technical support for the same is proposed by Innovation Cluster Lab, Department of Computer Applications, BMSCE, Bangalore.



January 30, 2016: Smt. Pushpa T S, Asst. Prof., participated in the workshop on "Make in India - Prospects, Possibilities and Paths" organized at RVCE, Bangalore. This program provided an opportunity to discuss with experts and get idea about the possibilities, Challenges and opportunities in "Make in India", the prospects for entrepreneurship and skill development in "Make in India". During this event, it is being discussed how to encourage students to take up indigenous projects and motivate them to shape their ideas by creative thinking.



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February 01, 2016: Dr. Vijayakumar Kadappa published article entitled “A theoretical investigation of feature partitioning principal component analysis methods”, in Springer Journal “Pattern Analysis and Applications”.

February 03, 2016: Ms. Nandini Gowda, IV semester MCA student won second place for the event handball in state level inter-college Tournament-ZEAL (2015-16) held at BMS women’s college from 30th Jan to 2nd Feb.



February 06, 2016: Computer Applications 2010-13 batch proud alumni Mr. Sarir Ahmed Lone of, Nsimpl Info Labs, Bangalore had given a talk on “Overview of Amazon Web Services, Github and Bootstrap”.



February 08, 2016: A talk on “learn2 Learn” by Mr. Sripad Krishnamurthy, Head, Capability Development, Adobe-Systems, India was organized. This talk mainly emphasized on how to enhance ability to learn new concepts to sharpen the skills and adhere strong basic knowledge to excel for both academics and industry perspective.



February 9, 2016: An industrial visit to CDAC was organized, for IV Semester students of MCA to enhance academic learning and to understand real world use cases/projects handled by CDAC.



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February 13, 2016: A Project Exhibition was organized to identify best project(s) developed by students of fifth semester as part of their curriculum at Faculty Development Center. These projects will be further enhanced under a group of 2nd and 4th semester's students which is mentored by faculty members.



February 15-16, 2016: All faculties of department of Computer Applications attended two days state level workshop on "OUTCOMES BASED EDUCATION: TEACHING, LEARNING & EVALUATION", which was organized by Internal Quality Assurance Cell (IQAC), BMSCE Sponsored by NAAC, Bengaluru. The function was inaugurated by Prof R Natarajan, Former Chairman, AICTE Former Director, IIT Madras, Principal Dr.K.Mallikharjuna Babu, Vice-principal Dr. G N Shekar, IQAC Director Dr. K R Suresh and HOD Civil Engineering Dr. S Muralidhara.



February 15-17, 2016: Three days workshop on "Feeling well and Doing Good" was organized. Resource person of the Workshop was Archana Bhat K, Assistant Professor - India Platform, Department of Humanities and Social Sciences (Mathematics), BMSCE. Activity based, key concept focused on stress management to reduce stress and to reduce feeling of depression in order to build, maintain, healthy and effective relationships.





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February 18-20, 2016: Twenty two MCA students of both second and fourth semesters attended three days workshop on “Entrepreneur Awareness Camp” held at BMSCE.



February 20, 2016: A talk on “Yoga for Personality Development” by Yoga Ratna Dr.S N Omkar (founder of YogaMandir), Chief Research Scientist, Department of Aerospace Engineering, IISc, Bengaluru was organized. This talk was focused on relevance of Pathanjali Yoga Sutra essential from the perspective of holistic personality.

February 19-20, 2016: Fourth semester MCA Students participated in Technical Fest held at CMRIT, Bengaluru.

Counter – Strike 2nd place - Goutham N, Nischal K P, Santhosh G, Nishanth N and Venkatesh Kumar R. Vamshi Krishna R N, Kotresh Shirol, Karthik K Sanu, Preetham Ponnappa, Sharath S qualified till 2nd round.

Dota 2 event 2nd place - Goutham.N, Nischal K P, Santhosh Kumar K S, Nishanth N and Vamshi Krishna R N. Web Desing Qualified till 3rd round - Venkatesh Kumar R and Sharath S





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February 23, 2016: Selection of Techno-Champ Ambassador for John Deere Techno-Champ 2016 was conducted in Innovation Cluster Lab (ICL). 23 students from various department participated in selection process after rigorous interview. Students selected as Techno-Champ ambassadors are Tarun Verma, Rahul Kumar, Anil karwa, Shrenik Parakh, A G Preetham Ponnappa, Nagesh R, Thanusree B A, Tanushree M, Pan Yang and Bharathan M S.



February 25, 2016: Mr. Sriram from John Deere joined the meeting along with Mr. Giridhara Ms. Ramya Jayakumar from Altimetrik, Dr. Sujatha & Girish K, B.M.S. College of Engineering. The team held 'Train the Trainer' program for Techno-Champ ambassadors at ICL. The meeting concluded after detailed interactive session between the team and the techno-champ ambassador.



February 24, 2016: A detailed overview of the 'Techno-Champ' event was provided by Dr. Sujatha & Girish K and Mr. Giridhara Ms. Ramya Jayakumar, Sridevi from Altimetrik. A detailed discussion on Internet of things (IoT) and mini ideathon was conducted to bring in more confidence to students to take lead in organizing the techno-champ 2016.





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February 25, 2016: Data analytics Research Lab was inaugurated by Dr. K. Mallikharjuna Babu, Principal of BMSCE. The objective of this Lab is to promote research culture in Data analytics amongst the students and faculty members. Data analytics has wide spectrum of research opportunities in the Industry, Academic Institutions, etc., due to generation of huge amount of data by transaction processing systems. A UGC funded project on “Teaching Recruitment modelling using data mining techniques” is being carried out under this Lab.



February 26, 2016: John Deere Techno-Champ 2016 was inaugurated in B. M. Sreenivasaiah Auditorium at 11.30AM. The chief guest were Mr. Mohammed Ayas, Senior General Manger-IT, and Mr. Shriram Deshpande, General Manager-IT John Deere technological center Pune. Vinod Erapalli Head capability transformation group Altimetrik, The IoT prototype which was developed in ICL was used for the digital inauguration of the event.



February 26, 2016: Data Analytics Focus group meeting was held. In this meeting, collective decision was taken to set up Hadoop Cluster initially, to start research activities.



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February 26-27, 2016: Fourth semester MCA Students participated in Technical Fest held at BNMIT, Bengaluru and received 2nd place for the event Counter-Strike.



March 01, 2016: Dr. Vijayakumar Kadappa, Associate Professor attended Board Of Examiners meeting at VTU Regional Center, Gulbarga.

March 02, 2016: Dr. D N Sujatha, Prof and Head of Computer Applications department, designated as chair, WIE Affinity group of IEEE Bangalore section which was held at Institute of Engineers.



March 04, 2016: Department of Computer Applications organized an industrial visit to Altimetrik India Pvt. Ltd., Bangalore for II Semester students to enhance academic learning and to understand real world use cases/projects handled in IT industry.



March 05, 2016: Department of Computer Applications conducted an Invited guest talk on “Quality Assurance” by Mr. Rajesh Kumar, QA Manager, Capgemini from 11AM to 12.15PM. This talk highlighted the importance of soft testing tools and techniques to assure bugs free software for customer satisfaction.



March 05, 2016: As a part of department activity, in association with EDC, a talk on “Entrepreneurship Opportunities” was articulated by Mr. Narayan Prakash, Sr. Manager, Dell (QA) from 12.15 to 1.30PM. Testing is a process of executing a program or application with the intent of finding software bugs (errors or other defects). This seminar provided an insight to reinvent testing as a carrier opportunity.





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March 08, 2016: Department of Computer Applications arranged a training program on “Train-the trainer” at Altimetrik, Bangalore campus for Techno Champ Ambassador 2016.



March 09, 2016: Dr. D N Sujatha and Sri. Grish K attended a IEEE VITM Distinguished Lecture Series on “Mobile Communication – Past and the Future” by Dr Paulraj A Emeritus Professor, Stanford University, USA at VITM Auditorium, Bangalore.

March 8-9, 2016: Dr. D N Sujatha, Prof. & Head participated in “Faculty Development Programme” jointly organized by Computer Society of India – Bangalore Chapter and Vishvesvaraya Technological University – Belagavi on the occasion of International Women’s Day.

March 8-9, 2016: Nandini department of Computer Applications student participated in the event Handball team (M&W), VTU Inter Collegiate Inter zone Handball Tournament [16-17] held from 8th to 9th of March 2016 organized by BMSCE, Bangalore. BMSCE Women team were WINNERS for the tournament and were qualified for the Inter zones at Shimogha





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March 9-10, 2016: Dr. Vijayakumar Kadappa along with Mr. Shankar Guggari, Project Fellow attended two day National Conference on “Data Science and Analytics 2016” at PES University, BSK III Stage, Bengaluru from March 9th to 10th March, 2016

March 11-12, 2016: Students of Computer Applications department participated in Counter – Strike and NFS events, hosted by Cambridge Institutions (CHIGURU-2016), Bengaluru.



March 18, 2016: Department of Computer Applications arranged an industrial visit to SM NetServ Technologies Pvt. Ltd., Bangalore for IV Semester students of MCA to enhance academic learning and exposure to mobile applications development and business analytics concepts handled at SM NetServ.



March 12, 2016: WIE Affinity Group Activity: Department of Computer Applications in association with WIE Affinity Group, IEEE Bangalore Section organized a networking event “PARICHAYA” for WIE members across Bangalore.

March 17-18, 2016: Students of 2nd sem MCA had participated and secured second place(Runner) in Counter Strike event which was organized as a part of National Student’s convention and techno-cultural Fest, “OxyTech 2k16”, held from 17th – 18th march 2016 at Oxford College of Engineering. Around 25 teams had participated. Students participated in the event are Sagar N, Harsha R D, Vinay R, Aditya Devraj Khawas and Sanjeeb Sarkar.



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March 17-18, 2016: Students of IV semester MCA participated in ABHYUDAY 3.0 conducted at MSRIT, Bangalore and won 1st place in Counter – Strike and Qualified up to Quarter Finals in NFS. Students participated are Goutham N, Nischal K P, Nishanth N, Venkatesh Kumar , Santhosh kumar K S, Sharath S, Santhosh G, Vamshi Krishna, Kotresh Shirol, Karthik Sanu.



March 18-19, 2016: Nandini, NagaPooja V Shetty, Meghana M, Madhura Murthy, Ramya Krishnappa department of Computer Applications students participated in the event Handball team (M&W), VTU Inter Collegiate Inter zone Handball Tournament held from 18th to 19th of March 2016 organized by JNNCE,

Shimoga. BMSCE Women team Secured RUNNERS UP POSITION.



March 19, 2016: Department of Computer Applications, in association with EDC organized a seminar on “Selfie with Entrepreneur” by Mr. Naresh Babu, CEO, Venus Technology Park, Bengaluru. This seminar was focused on
i) identifying the steps required to research the potential for an innovative idea for the development of an existing enterprise, a new venture or a social change opportunity
ii) Exploring the constituents of the entrepreneurial process
iii) Effective communicate required to sell innovative ideas.



March 27, 2016: Dr. D N Sujatha, Prof. & Head delivered a talk on Importance of Women in Engineering at IEEE Branch Counselor Meet hosted by BMSCE.



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March 28, 2016: Department of Computer Applications conducted one day workshop on “Software Engineering” by Ashwini Rao, Freelance Consultant, ikompass from 9AM to 5 PM. This course is designed to create awareness on Software Engineering process, common methods & techniques used in Software Product Development and Software services companies. This event was coordinated by Pushpa T S, Shailaja K P and Shilpa S along with Santhosh, Manjunath L, Venkatesh and Laxmi.

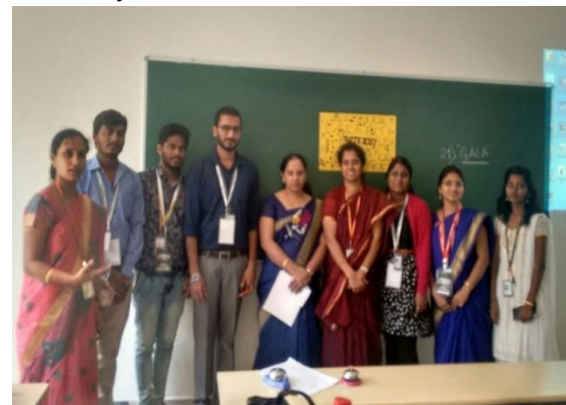


March 29, 2016: Students of Computer Applications, AvinashKumar C V, Pranav Nataraju, Sagar N, Suhas S and Abhishek R, Nithin Agarwal, Archana R, Nitesh Kumar, Dibyendu sarkhal and Pavan P participated in the workshop "Ambedkar for Youth and Democracy" conducted at BMS Auditorium.

March 30, 2016: A invited guest talk on “Information security and Ethical hacking” by Mr. Ajith A, Scientist F, Associate Group Director and Information Security Officer, DRDO, Bengaluru was organized by department of Computer Applications. This talk provided glimpse on i) awareness of the context in which information security operates in terms of safety, environmental, social and economic aspects, ii) different threats, vulnerability and attacks, iii) systems at risk and security measures iv) ethical hacking and v) job opportunities in Information security field.



March 31, 2016: Smt K P Shailaja, Asst. Prof was invited to judge the event “Fuzzy Logic” held in REVAMP16, a Techno cultural Fest at REVA University.





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April 01, 2016: AKHILA N, student of 4th semester MCA was one among the team members of BMSCE music team "Ninaad" who performed during the Utsav-2016 inaugural function.



PAVAN P KAKATHKAR, student of 4th semester MCA did M.C. in Kannada during Utsav-2016 inaugural function



April 05, 2016: Dr. Goutham , CEO of Geniron Biolabs is an animal health care company working on novel vaccines and diagnostics visited Innovation Cluster Lab (ICL) regarding to have a tie up app development for their company.



April 06, 2016: Department of Computer Applications organized a workshop on "Project Management" for sixth semester MCA students at FDC, PG Block. Resource person for this workshop was Ashwini Rao, Freelance Consultant, ikompass, who had 22+ years of experience in Software Quality Assurance and Quality Control. This workshop was specifically designed for aspiring project leaders and project managers. This course provided an overview of Project Management processes - from initiation to closure, Awareness of common tools and techniques used for effective project management, Manage the 'triple constraints' in the project and Project Management best practices in the industry.



April 15, 2016: Dr. K. Vijayakumar, Associate Prof was invited as a Resource person for FDP on Machine Learning (Two sessions on PCA and Teacher Recruitment Case studies) by JNTU College of Engineering, Kukatpally, Hyderabad. There were about 20 Faculty members participated in the event.





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April 17, 2016: Smt V.Padmapriya, Assistant Professor, Department of Computer Applications, was a Panelist representing the role of academic institutions in nurturing budding Entrepreneurs in the Panel discussion on "Women Entrepreneurs - their role in today's world" at KLS Gogte Institute of Technology, Belagavi which hosted the IEEE congress of the North Karnataka Hub NKSZYWC – 2016.



April 18, 2016: R.Hariharan, Projects Coordinator, Indian Society for Technical Education visited the Department of Computer Applications to conduct a feedback study on the "Faculty Training Workshop Using Information and Communication Technology" organized by IIT Bombay/Kharagpur for teachers.

April 22-23, 2016: A hands-on Innovation of Techno Champ was conducted in Department of Computer Applications using IoT few prototypes were created in the area of agriculture.





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April 23, 2016: Dr. D N Sujatha, Prof & Head attended a BOE meeting in Siddaganga Institute of Technology, Tumkur.

April 23, 2016: Department of Computer Applications organized a workshop on “Learn2 Learn -Case Study Data Base Management System” by Mr. Sripad Krishnamurthy, Head, Capability Development, ADOBE-SYSTEMS, India at SIR. M V Hall, I Floor, PG Block. This workshop was specially designed for second semester students, to make them to understand basics of Data Base Management Systems and apply concepts of Normalization.



April 24, 2016: WiE Affinity group of IEEE – Bangalore section organized Parichaya networking event for the WiE Affinity group across Karnataka hosted by MSRIT, Bangalore. The event was organized by Dr. D N Sujatha, Chair, Women in Engineering, IEEE-Bangalore Section. Faculty volunteer Mrs. V.Padmapriya and student volunteers Smitha S, Divya, Supriya and Shruthi joined Dr Sujatha in organizing this event.



April 25, 2016: Dr. D N Sujatha, Prof & Head attended a BOS meeting held in Dayanand Sagar College of Engineering, Bangalore.

April 29, 2016: An Industrial visit to SAP Labs India, Bangalore was arranged for II Semester students of MCA to enhance academic learning and to understand real world use cases / projects handled in SAP Labs in the areas of ERP, CRM and IoT.



April 30, 2016: Mousam Verma, Distinguished alumni of batch 2003 working as Principal Architect in Gamesys Ltd. UK visited the department. He interacted with Faculty members and provided opportunities in the area of Data Analytics at UK.





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April 30, 2016: Nakul Daga, alumni of batch 2015 and Mr. Ramesh, representing Altimetrik interacted with students working in Innovative Cluster Lab to have a discussion for developing working prototype for logistics maintenance which can be useful for startups.



May 13-14, 2016: Techno champ stage -2 hands-on innovation was conducted at ICL lab, Juries from both Altimetrik India Pvt. Ltd., and John Deere were presented and evaluated prototypes of the ideas submitted by students of various Bangalore colleges.



Ms. Mayuri Vaidya, secured 3rd rank at university level for VTU in MCA Course for the year 2012-2015 with the aggregate of 86.36%.



May 05, 2016: Dr. D N Sujatha, Prof & Head attended 3rd Exicom meeting at Institute of Engineers, Bangalore.



May 15-16, 2016: Face-to-Face interaction: Focused interactive session with the participated teachers was conducted by IIT Bombay. Around 65 teachers from various disciplines from various colleges participated in this event. This interactive session was a part of Four Week AICTE approved FDP on "Use of ICT in Education for Online and Blended Learning", from May 2nd, 2016 to July 10th, 2016. This FDP is jointly organized by Computer Applications and Biotechnology departments.



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May 22-26, 2016: Smt. Sowmya B, contributed for conduction of Workshop on Outcome based Education during IUCEE-2016 Engineer Educator program by helping in smooth streaming of Video conference and technical Maintenance at FDC and installed required softwares in MCA lab for smooth conduction of the workshop.



June 6- July 13, 2016: Smt. Shobha Rani P, SDA & Smt. Pallavi K S from the Department attended a 15days training program "Excellence in Office

Communication" conducted by BMSCE, Bangalore.



June 4-5, 25-26, 2016: Face-to-Face interaction: Focused interactive session with the participated teachers was conducted by IIT Bombay. Around 65 teachers from various disciplines from various colleges participated in this event. This interactive session was a part of Four Week AICTE approved FDP on "Use of ICT in Education for Online and Blended Learning", from May 2nd, 2016 to July 10th, 2016. This FDP is jointly organized by Computer Applications and Biotechnology departments.



Sri. Lakshminarayana P published a journal paper titled "Screening of Adulterants in Milk" with Impact Factor 4.016 in Volume 08, Issue 12



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of “International Journal of Current Research and Review”.

Sri Sivaramkrishna published a journal paper titled, “Data Analytics on Television Data set using Hadoop for Effective Management” in Volume 6, issue 4 of “International Journal of Emerging Trends & Technology in Computer Science (IJETTCS)”

July 13, 2016: Department of Computer Applications held a meeting to frame Scheme & Syllabus of MCA Program, in view of MCA course Autonomy during the year 2016.



July 15, 2016: In continuation with the meeting held on July 13, 2016, another meeting was held to review the detailed Syllabus framed for I & II semesters of Computer Applications.



July 18-22, 2016: Sri Ram Mohan Reddy, Asst. Prof. & Sri Sivaramkrishna, Asst. Prof., Department of CA participated in a workshop on “Internet of Things” organized by Computer Science Department, BMSCE.

July 21, 2016: Smt. S. Uma, Associate Prof. presented a paper on “Prediction of Web Service Response Time using Grey System Model at “2nd International Conference on Applied and Theoretical Computing and Communication Technology (iCATccT - 2016)” held during July 21-23, 2016.

July 22, 2016: The meeting on Curriculum Design of MCA Program was held with the presence of internal BOS members, Industry Experts and PG Dean in order to review the MCA Scheme of Instruction & Syllabus.



July 23, 2016: Department Meeting was held to reflect the changes in bringing in new subjects and syllabus modification as suggested by industry experts.

July 25, 2016: Department Meeting was held to review the final detailed syllabus of first and second semester and MCA Schema for autonomous 2016.

July 25, 2016: Dr. D N Sujatha, Prof and Head of Computer Applications department presented scheme and syllabus of MCA program in Academic Council meeting.





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July 29, 2016: Dr. D N Sujatha, Prof. & Head was invited to deliver a talk on “Work Life Balance” in Amrita School of Engineering, Bangalore.



August 1-3, 2016: Smt. V.Padmapriya, Asst. Prof., Smt. Sowmya B, Mechanic and Manjunath L, Asst. Instructor attended 3 days MATLAB training programme conducted at BMSCE.



August 5-6, 2016: Two day workshop on “Internet of Things” in association with Altimetrik India Pvt. Ltd was conducted by BITES, Bangalore at SIT, Tumkur. Dr. D.N.Sujatha, Prof. & Head, BMSCE & Executive Director at BITES, Bangalore proposed vote of thanks.

August 02, 2016: John Deere – 2016, partnered with Altimetrik & BMSCE was successfully completed and Stipend for Techno-Champ Ambassadors was released.



August 08, 2016: Interactive session was held with Mrs. Kathy Herring Hayashi, Senior Staff Engineering Qualcomm & WiE Chair, San Diego. The talk was hosted by IEEE WiE Bangalore Section at UVCE. Dr.DN Sujatha, Prof. & Head, Smt. V. Padmapriya and student volunteers



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Arbin Shama, Swathi, Vaidehi and Supreeta from III semester from Dept. of CA were part of the event.



August 10, 2016: In association with ED Cell, BMSCE organized a talk on “Profile Development and Startup Journey” by Satish AG, Founder – Edusprakz, Bangalore.



August 10, 2016: Distinguished Guest Lecture on “Emerging Business and Technology Opportunities in Artificial Intelligence” by Dr. Srinivas Padmanabhuni, Founder, CitiMandi.com and Chief Mentor, Tarah technologies was organized from BITES, Bangalore. Dr. D N Sujatha, Prof. & Head, Dept. of CA BMSCE & Executive Director at BITES hosted the event at RNSIT, Bangalore.



August 19, 2016: Distinguished Guest Lecture on “Essential Attributes of a Teacher to Enhance the Quality of Teaching” by Dr Gururaj Karajagi, Chairman, Academy for Creative Teaching (ACT) was organized from BITES, Bangalore. Dr. D N Sujatha, Prof. & Head, Dept. of CA, BMSCE & Executive Director at BITES hosted the event at PESIT, Bangalore.



August 19-21, 2016: Dr. D N Sujatha, Prof. & Head, Smt. V. Padmapriya, Asst. Prof. and student volunteers Smitha S and Shivakumar from Dept. of CA were part of Organizing Committee for 12th International Multi Conference on Information Processing held at Hotel Capitol, Bangalore.



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August 23 - 25, 2016: Sri Shankru Guggari presented a paper titled, "Teacher Recruitment Data Analytics using Association Rule Mining in Indian Context", authored by Dr. K Vijayakumar, Dr. Atul Negi & Sri Shankru Guggari at International Conference on Data Science and Engineering 2016 (ICDSE) organized by Dept. of Computer Science, Cochin University of Science and Technology.

August 24, 2016: Dr. D N Sujatha was part of Organizing Committee for IEEE WiE Global Summit. Smt. T S Pushpa and Smt V.Padmapriya attended this event theme "Embracing Engineering and Technology, Breaking Barriers". The student representatives Swetha S K, Supriya, Sushma and Smitha of 3rd and 5th semesters MCA respectively volunteered for this event.



August 25, 2016: Dr. D N Sujatha, Prof. & Head, Dept. of CA was part of SYWL Congress organized by IEEE Bangalore Section in association with R10 at Hotel Lalit Ashok, Bangalore.



September 07, 2016: Department of Computer Applications in collaboration with Altimetric, scheduled an event to encourage and motivate students to orient towards Research/Innovation. Ms. Namratha and Mr. Rakesh from Altimetric suggested some of the topics, on which students can come up with innovative ideas.



September 07, 2016: Group Discussion on Agile practices like pair programming and scrum meeting were conducted for III semester MCA Students.





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September 8, 2016: One day BITES workshop on “Cloud Analytics Mobile Social Security (CAMSS)” along with IBM India Pvt. Ltd., was organized. Entire event was led by IBM Crew : Smt Sugandha Srikanteswaran, Director, Infrastructure Services Development IBM India Pvt. Ltd, Sri Reji, Program Director with IBM and leads the Development for GTS Cognitive platform,3. Smt. Ruchira kamdar, Assets and Garage Lead, IBM India Pvt Ltd, . Sri. Pushkar Kulkarni, Senior Developer, Runtimes, IBM Indian Pvt. Ltd., Smt. Mamatha Busi, Developer with the IBM Runtimes Technologies team, Sri. Sachin Kumar R S, Technical Specialist, Developer Ecosystem and startups, IBM Indian Pvt. Ltd.



September 11, 2016: A talk on “Life at BMSCE” was delivered by Mr. Sandeep Sarkar, Software Developer, Oracle India Pvt. Ltd. Bangalore. Mr. Sandeep is our alumni from MCA 2009-12 batch.



September 16, 2016: A distinguished BITES talk on “Big Data in Digital World – Join by Experience Split by Skills” by Vijaya Kumar Ivaturi, Co-founder and CTO of Crayon Data, Former CTO of Wipro was organized. This seminar was focused on how to build conceptual rigor to debug a complex system and gain real



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world experience in cross-functional projects. This helps in learning both the design models and deployments models of Big data systems at scale in the real world. Around 130 students participated. The event was scheduled at 2.30pm to 4pm at BMS Auditorium.



September 20, 2106: Ananth Murthy, Srinidhi and Yogesh alumnus of MCA, BMSCE from Altimetric conducted hands-on session on application development and usage of sensors using Raspberry Pi boards.



September 21, 2016: A Technical talk on “Innovative for Masses towards affordable

health care” by Dr. Shyam, Founder and Director, FORUS Health Pvt. Ltd. was organized from BITES, Bangalore. Dr. D N Sujatha, Prof. & Head, Dept. of CA BMSCE & Executive Director at BITES hosted the event at SJBIT, Bangalore.



September 23, 2016: Code Storm was organized as a part of Phase shift 2016. Code Storm is a coding event using Raspberry pi boards and programming languages like C, C++ or python. Students were asked to solve some defined set of problems. Around 12 teams (pair or 2) participated in the event. Based on their presentation, four teams were selected for the second round. In the second round the students were asked to implement the solution to problem using raspberry pi boards, the required sensor. Abhishek P & Mahendra, B.C.A, Surana College were winners of the event.



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September 24, 2016: A workshop on “Recent trends on IOT” on account of Phase shift 2016 was organized. The event “Recent trends on IOT” was workshop for the students to know the advances in the IOT area. This event was given insight to the students to understand the basics of IOT, Applications of IOT. Later the students can think and use the IOT concepts to nurture the innovative ideas for current problems.

September 23, 2016: The event “Ideas Galore” part of Phase Shift was a poster presentation contest. This event was conceptualized and design for students to present their views on bringing out innovative and implementable solutions for problems faced in urban areas. The event was themed “Smart Cities” using IoT concepts. Rohith G B, MCA II Year, BMSCE; Vivek, M.Tech II Year, BMSCE were winners of the event.





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September 24, 2016: An event "Project Emblazon" on account of Phase shift 2016 was organized. The event was based on IOT project demonstration by students from different colleges in Karnataka. Five teams in total from different colleges (MSRIT, RNSIT, AMC, BMSCE, DSCE). Each team demonstrated their project through presentation and live working of the project. The teams were mentored by their faculty members. Rishabh and Shivesh Sood from MSRIT were winners of the event.



September 29, 2016: Sri P Lakshminarayana attended a BOE meeting in VTU Examination Section, Belgaum.

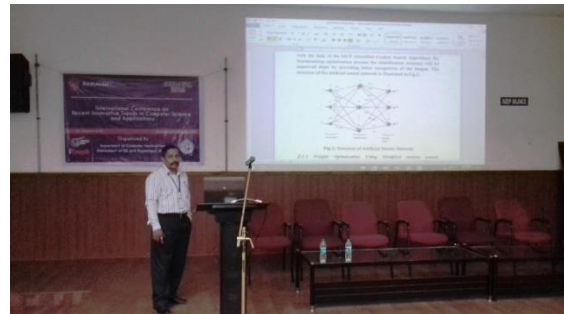
October 4-6, 2016: Sri R V Raghavendra Rao presented a paper titled "Race : Registry with Access Control Enclosure Based Service Reliability and Information Security over cloud" Sri CH Ram Mohan Reddy presented a paper titled "Simulation of Replicas for Performance Assessment of Web Services". RMR and RR presented paper at "International Conference on Circuits, Control, Communication and Computing" held at MSRIT, Bangalore.

October 15, 2016: Around 24 participants were listed in top performers out of 65 participants from BMSCE remote center participated in FDP on "Use of ICT in Education for online and Blended Learning" conducted by IIT Bombay from May 2, 2016 to July 10, 2016. Sixteen participants were eligible for SAP Award of Excellence out of 24 top performers. Smt. Pushpa T S and Sri Ch Ram Mohan Reddy received SAP Awards from the Department of CA, BMSCE.

October 19, 2016: Sri Lakshminarayana P, Asso. Prof., was invited to give a technical talk on "QA with software reliability in distributed systems" in a DST Sponsored program titled "Inspire Internship Science Camp" held at Al-Ameen Arts, Science and Commerce College, Bangalore.



October 21, 2016: Sri Lakshminarayana P, Asso. Prof., Department of CA presented a paper titled "An efficient Technique for optimization of test cases with the aid of HNN-MCS for assessing software reliability" at "International Conference on Recent Innovative Trends in Computer Science and Applications (ICRITCSA - 2016)" held at MSRIT, Bangalore.



October 21, 2016: An Industrial visit to Vocera Communications Inc. was arranged for the students of Dept. of Computer Applications.



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October 25-26, 2016: A two days' workshop on "Project based learning using Arduino Board" was held at Sri Madhwa Vadiraja Institute of Technology & Management, Bantakal, Udupi in Association with BITES, Govt. of Karnataka & ISTE Student chapter of the institute. Dr. Sujatha D N, Prof. & Head, Dept. of CA and Executive Director, BITES inaugurated the event.



October 27, 2016: WiE - Bangalore Section distinguish lecture on "Digital" was hosted by Department of Computer Applications, BMSCE.



October 28, 2016: An Industrial visit to CSIR-4PI was arranged for the III semester MCA students of Dept. of Computer Applications, BMSCE.



November 4-6, 2016: Dr. D N Sujatha, Prof. & Head was WiE Co-chair for WiE Mini Conference which was held as a part of 10th IEEE Advanced Networks & Telecommunication Systems at J N Tata Auditorium, IISc, Bangalore.

November 12, 2016: Department of Computer Applications had organized a lecture series on "Computer Networks Trends" by Sri S K Suresha, Prog Director, Mindtree Ltd. It helped the students in understanding the trends in Computer networks and exploring career as a Network engineer.





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November 14, 2016: Departmental newsletter/ magazine STRIDE was released.



November 28, 2016: Industrial visit was arranged to Bosch Limited, Bangalore for the students of I semester.



December 03, 2016: Dr. D N Sujatha, Prof. & Head attended a Round Table Conference on “Revival of Industrial Jobs in the age of Industrial Automation” held at Bangalore Chamber of Industry and Commerce.

December 07, 2016: A talk on “Information and Communications Technology ICT in Social Sciences” was delivered by Smt. V.Padmapiya, Asst. Prof., Department of Computer Applications at Hombe Gowda PU College, Gayathrinagar, Bangalore. This talk was part of the Government of Karnataka’s initiative on Cluster Level Training Programme for Govt. and Aided PUC College History Lecturers.

December 7-9, 2016: Dr. D N Sujatha, Prof. & Head as a Panelist and 4 students from MCA attended a “Grace Hopper Conference, India” (GHCI – 2016) held at Vivanta by Taj, Bangalore.



December 08, 2016: Department of Computer Applications had organized an invited guest talk on “Power of Positive Mind” by Dr. Sudhindra S for the students of 1st semester MCA at FDC.



December 15, 2016: Department of Computer Applications in collaboration with “Oxygen Services India Private Limited” conducted recruitment process. As an outcome of it two students Sushma and Kotresh of fifth semester got internship offer.



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Listed Events are documented by faculty/student coordinators of the events listed below:

December 17, 2016: As a part of “Fifth Alumni Day” in BMSCE, Open House Programme was held in the Department of Computer Applications and few of our Alumni visited the Department.



- **Dr. D N Sujatha**
(IIITB/IIT Kharagpur FDPs)
- **Dr. D N Sujatha, Girish K**
(ICL lab activities)
- **Dr. D N Sujatha, V Padmapriya**
(IEEE- WiE SB)
- **Uma S, V Padmapriya**
(Industrial visits)
- **Pushpa T S, Shailaja K P, Shilpa S**
(Guest Lectures/Workshops)
- **Ch. Ram Mohan Reddy**
(Extra Curricular & CoCurricular)
- **Shailaja K P, Pushpa T S**
(Entraprenurship Development Cell)
- **Ch. Ram Mohan Reddy, R V Raghavendra Rao**
(Phase-Shift)
- **V Padmapriya**
(Alumni Association)

ShobhaRani P, B Sowmya, Manjunath L, Venkatesh M, Pallavi K S, Shankar Guggari (Research Scholar), K Kumari & Lakshmi very well supported for smooth conduction of all the activities listed above by providing required logistics.

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Compiled & Edited by :

Pushpa T S
Pallavi K S
Santosh M

December 26, 2016 - January 12, 2017

Smt. T S Pushpa, Assistant Professor, Dept. of CA attended two week workshop on Graph Theory –algorithms and applications conducted by Dept. of Mathematics, BMSCE.