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

DEPARTMENT OF COMPUTER APPLICATIONS

smarana
manjusha
- RECOLLECTION BASKET

ACTIVITY REPORT - 2021

Jan 06, 2021: Dr. K Vijayakumar, Associate Professor & Head, Department of Computer Applications was invited as a resource person to deliver a talk on "*Classification techniques*" during one week AICTE sponsored ATAL online FDP "*Artificial Intelligence*" from Jan 4-8, 2021 hosted by GSSS IET for Women Mysuru.

Jan 06, 2021: Dr. S. Uma, Associate Professor and Smt. V Padmapriya, Assistant Professor have signed MoU with Gogappi. This MoU was signed with the intension of providing internship opportunity, Project work and technology related webinars for students of MCA.

Jan 07, 2021: Dr. D N Sujatha, Professor was invited as a panellist for the panel discussion on "*Ghar se Charcha: Work Paradigm in Pandemic Era – Impact on Men & Women*" during 13th International Conference on "*COMmunication Systems & NETworkS (COMSNETS-2021)*".
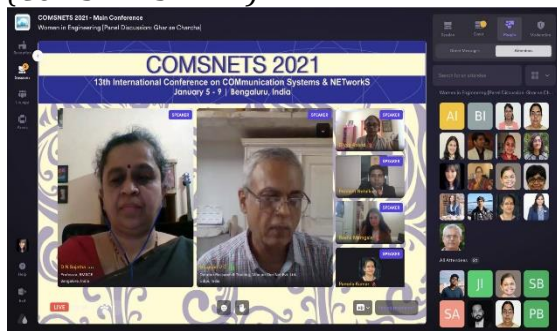

Jan 12, 2021: Placement club of Computer Applications department organized a webinar on "*How to crack a Job interview in Full Stack Development, Data Science domains, IoT, Embedded Systems & VLSI*". This webinar was delivered by Mr. Nitin Ravi, Founding Member–Career. This webinar was focused on job opportunities in Full Stack Development and Data Science Domains.
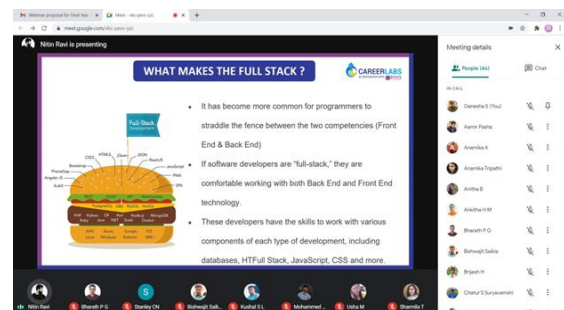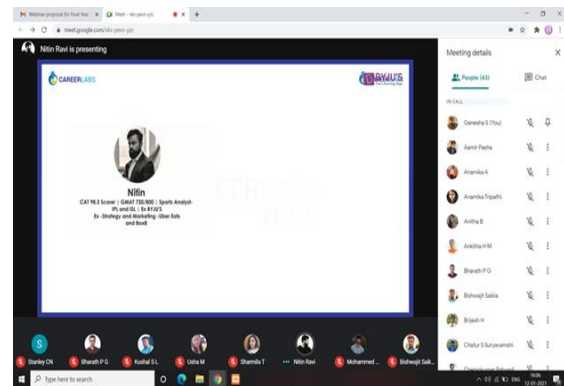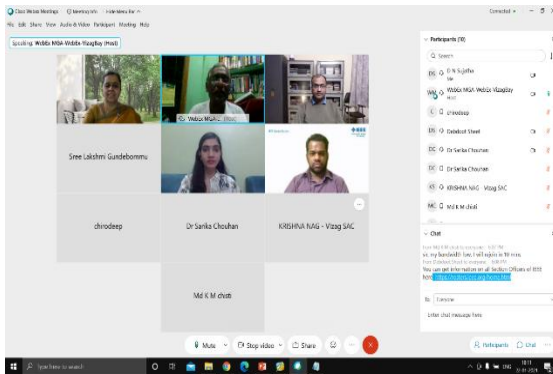

Jan 18, 2021: Dr. D N Sujatha, Professor was invited to judge "*Virtual Power Point Presentation*" hosted by National College, Jayanagar, Bengaluru.
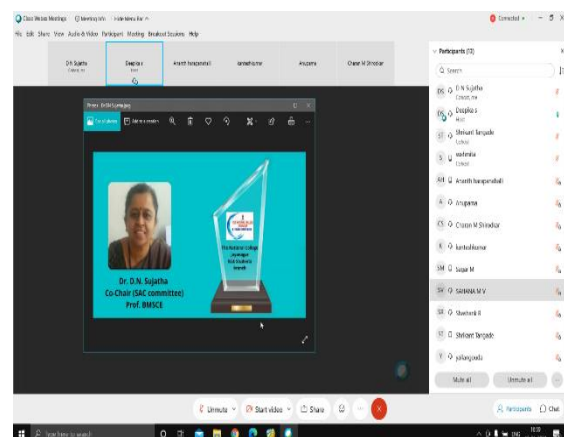
Jan 22, 2021: Dr. D N Sujatha, Professor was invited as a panelist for "*Panel of Chapter Chairs On Membership Development [POCCOM]*", IEEE Vizag bay Section.

Jan 31, 2021: Dr. D N Sujatha, Professor delivered a talk on "*SAC-2021: A Road Map*" during Virtual BC Meet-1, IEEE Bangalore Section.

Feb 01, 2021: Smt. V. Padmapriya, Assistant Professor was invited as a resource person for delivering the session titled "Effective usage of Internet Platform" as a part of Seven Days Online Faculty Development Programme on "*Essential IT Skills as a part of Train the Trainers Programme*" organized by B.M.S. College of Law in collaboration with B.S. Narayan Center for Advanced Learning & Software Development.

Feb 02, 2021: Smt. V. Padmapriya, Assistant Professor was invited as a resource person for delivering the session titled "*How to secure communication over Internet? (Insight on Cyber Security and Ethical Hacking)*" as a part of seven days Online Faculty Development Programme on "*Essential IT Skills as a part of Train the Trainers Programme*" conducted by B.M.S College of Law in association with B.S. Narayan center for advanced learning & software development, B.M.S College of Engineering.

Feb 3, 2021: Dr. S. Uma, Associate Professor was invited as a resource person for the FDP on "*Essential IT Skills as a part of Train the Trainers Programme*" conducted by B.M.S College of Law in association with B.S. Narayan center for advanced learning & software development, B.M.S College of Engineering. The topic covered was "*Use of Google Suite*".

Feb 3, 2021: Dr. D N Sujatha, Professor invited as a Chief Guest to deliver a talk on "*IEEE Membership: Plethora of Opportunities*" during induction program at Jyothi Institute of Technology.


Feb 05, 2021: A webinar on "*Career Path Beyond Data Science – An Actuarial Perspective*" by Mr. Mahidhara Davangere V. MBA, MFC, MSc (Maths), AIA, AIAI, Managing Director, Pramartha was jointly organized by department of Computer Applications and R&D Center.

This event was coordinated by Smt. Pushpa T S & Dr. Abhishek Appaji M, Assistant Professor, Medical Electronics Department & ICRD & Convenor.
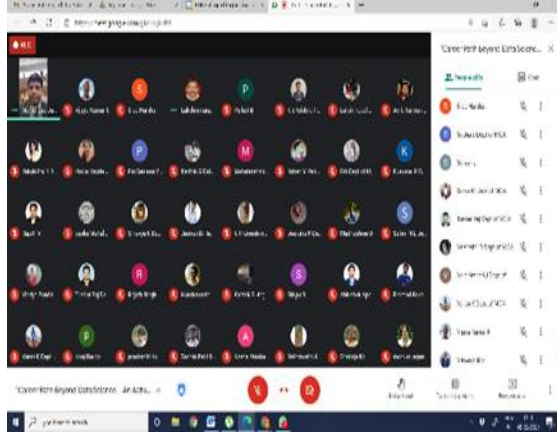

Feb 08, 2021: Smt. Shilpa S, Assistant Professor was invited as a resource person to give "*Introduction to Excel*" during the FDP on "*Essential IT Skills as a part of Train the Trainers Programme*" conducted by B.M.S College of Law in association with B.S. Narayan centre for advanced learning & software development, B.M.S. College of Engineering.

Feb 11, 2021: Placement Club of Computer Applications department organised group discussion on "*Censorship on Movies and Culture*", followed with technical session on python programming. This session was handled by Amit Karmakar, Niteesh K, Rithvik K Joshi, Riti, Shravya K and Varalakshmi J.
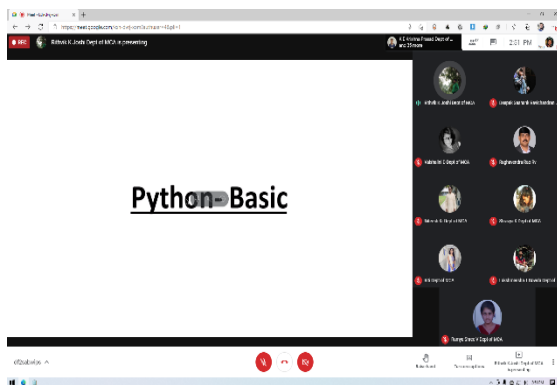
Feb 13, 2021: Dr. D N Sujatha, Professor invited as a speaker during Parichaya 2021, WiE AG, IEEE Bangalore Section.
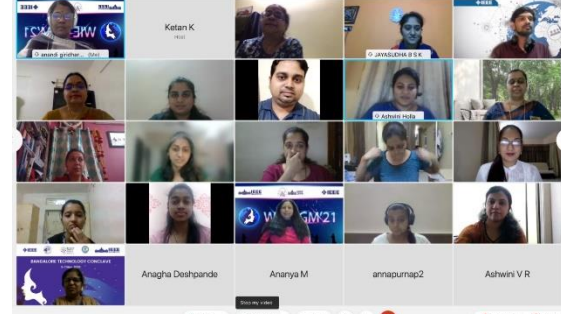

Feb 14, 2020: Rithvik K Joshi, First semester MCA student participated and secured second place in the Safecity Data Visualization Datathon organized by IIITB in collaboration with Web Science Trust (WSTNET, Red Dot Foundation and Social Impact Lab, University of Southampton.
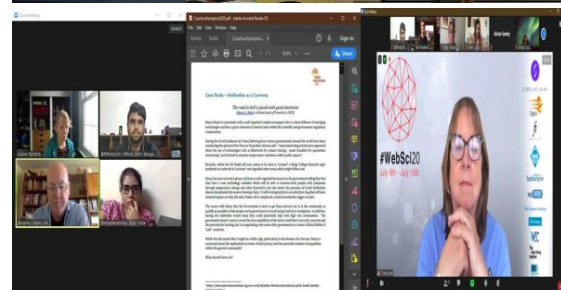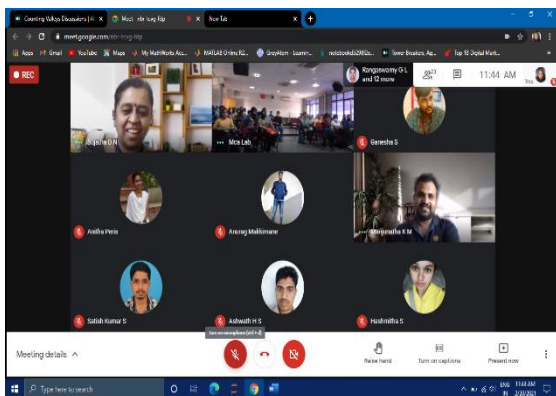

Feb 19, 2021: Dr. D N Sujatha, Professor was invited as a resource person to deliver a talk on "*Make Meaning in your Professional Career with IEEE*" during IEEE Professional Member's Conclave.
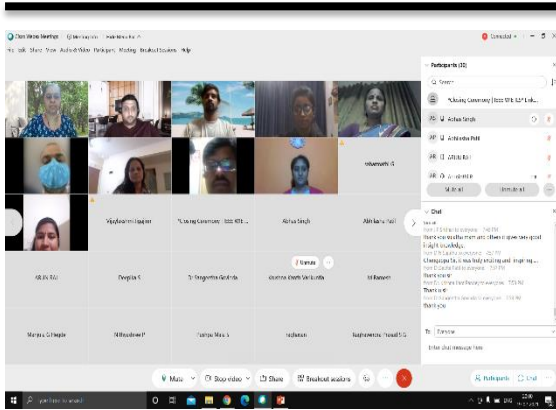
Feb 20, 2021: A webinar on "*Best Practices for a Successful Professional Career*" by Mr. Manjunatha K. M., Senior Software Engineer, Altimetrik India Pvt. Ltd., Alumnus 2011-2014 Batch, MCA program was organized. This event was coordinated by Dr. D N Sujatha and Sri. R V Raghavendra Rao.

Feb 22, 2021: Dr. D N Sujatha, Professor presented "*SAC Activities of IEEE Bangalore Section*" during "*IEEE India Council SAC Chairs/SSRs Virtual Meet up 2021*".
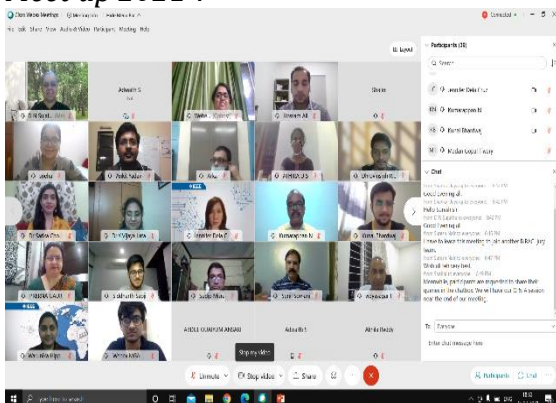
Feb 25, 2021: Dr. D N Sujatha, Professor was invited as a speaker in IEEE Student's Conclave on "*Staying Relevant with IEEE*".
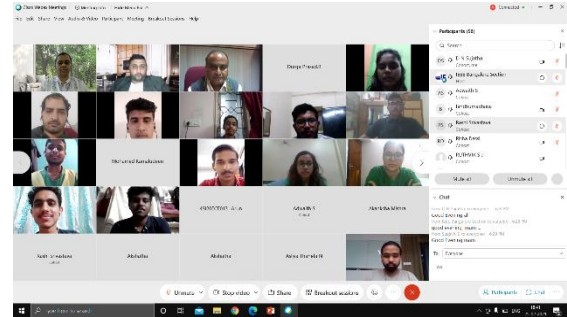
Mar 03, 2021: Rithvik K Joshi, MCA first semester student conducted activities of Placement Club, Department of Computer Applications.

Mar 06, 2021: Ms. Sindhu G.S, alumnus was invited as Chief Guest to mark "*International Women's day*". She shared, how she struggled to get settled as an entrepreneur. This celebration was hosted by cultural & Alumni team of Computer Applications department with all safety measurements along with all SOP guide lines.

MCA First and Fourth semester students entertained the audience by Singing, group dance, Beat boxing, Mono Acting, and Tabala playing. These events were hosted by Cultural Club, Department of Computer Applications as a part of "*International Women's day*" celebrations.
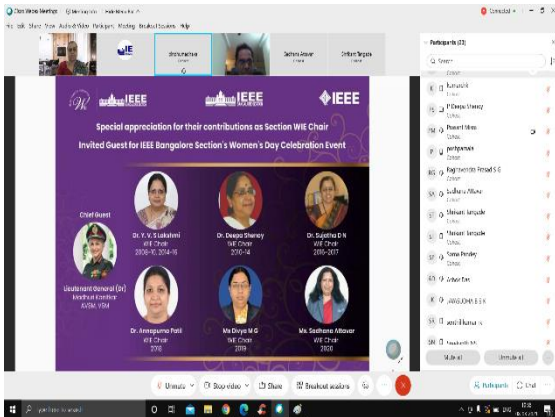
Mar 8, 2021: Dr. D N Sujatha, Professor was invited as a Chief Guest for Women's day Celebration at KS School of Engineering & Management.

Mar 8, 2021: Dr. D N Sujatha, Professor was invited as a Special Guest for virtual Women's day Celebration hosted by IEEE Bangalore Section.

Mar 8, 2021: Department of Computer Applications, in association with WiE BMSCE and IEEE BMSCE organized Spectrum Week from 8th to 13th of March in view of Women's day celebrations.

Mar 12, 2021: Department of Computer Applications, in association with WiE BMSCE and IEEE BMSCE organised series of interesting events *HeForShe*, *Guess the personality* and *Show Time* for students.

Mar 13, 2021: Department of Computer Applications, in association with WiE BMSCE and IEEE BMSCE organized a webinar by Manasi Prasad, Alumnus, Dept. ISE, BMSCE and Director of the Indian Music Experience, India's first interactive music museum.
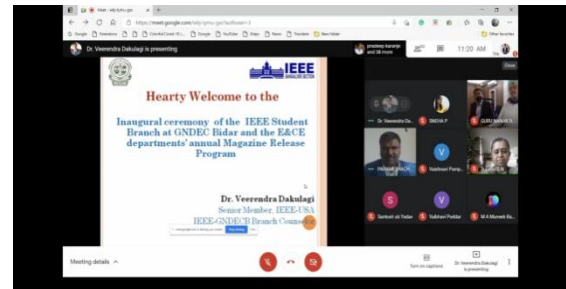

Mar 15, 2021: Department of Computer Applications organised "GRAD TALK". The alumni of MCA 2000-2003. Mr. Sunil Kantilal, Technical Specialist & Data Architect, Mr. Shekhar from Standard Chartered Global Solutions were invited to share their experiences during this occasion.

Mar 20, 2021: Cultural team of Department of Computer Applications organised Dumb Charades & guessing the movie name events.
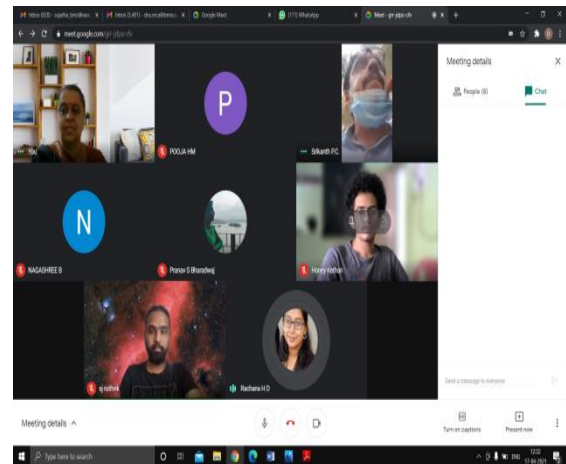

Apr 09, 2021: Dr. D N Sujatha, Professor was invited as a guest of honour for *inaugural ceremony of IEEE student branch,* Guru Nanak Dev College of Engineering, Bidar. During this virtual inaugural ceremony, Dr D N Sujatha delivered a webinar on "*Best Practices in IEEE SB*"

Apr 17, 2021: Dr. D N Sujatha, Professor was invited to deliver a webinar on "*Staying Relevant with IEEE*", Malnad College of Engineering, Hassan.
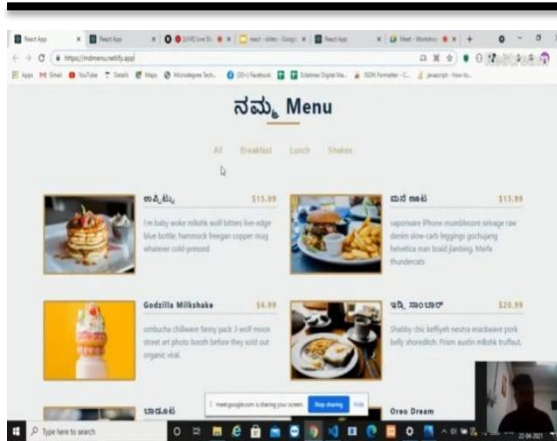

Apr 22, 2021: Department of Computer Applications along with BITES organised a hands-on virtual workshop on "*Build and Deploy ReactJS application*" by Mr. Manikanta Nair, CEO and Co-Founder, MicroDegree. Dr. D N Sujatha, Professor coordinated this event.
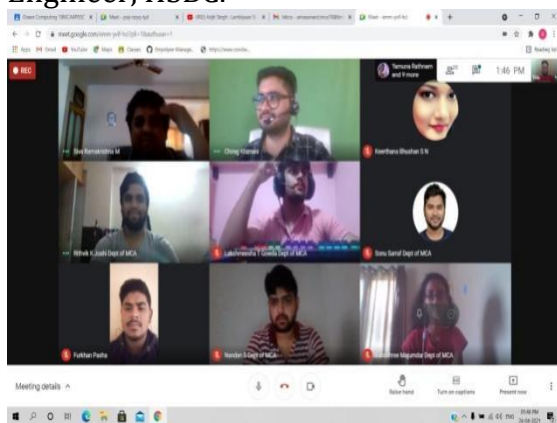
Apr 24, 2021: B S Narayan Centre For Advanced Learning and Software Development Team in association with Department of Computer Applications conducted a webinar on "*The Power of Automation in Software Industry*" by Mr. Chirag Khimani, Senior Automation Engineer, HSBC.

Apr 27, 2021: Dr. D N Sujatha, Professor was invited to deliver a talk on "B*est Practices in IEEE SB*" during virtual IEEE Mysore Subsection SB Chairs meet.
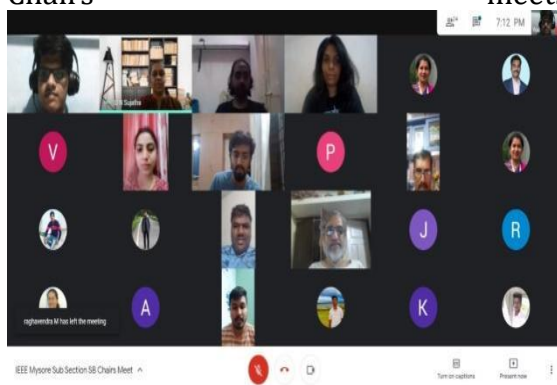
Apr 28, 2021: Dr. D N Sujatha, Professor was invited to moderate a panel discussion on "*Opportunities in IEEE SB*" during virtual BC Meet 2.
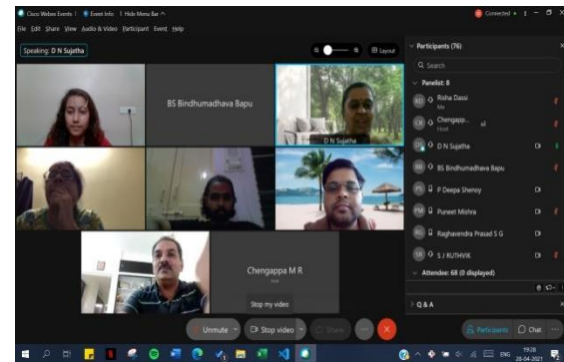
May 7, 2021: Dr. D N Sujatha, and Smt. V Padmapriya were invited as a resource person to deliver a talk titled "Transforming Ideas to Publications" - An Insight on research paper writing and publishing. This webinar was jointly organized by IEEE ComSoc, IEEE Bangalore section and Ramaiah Institute of Technology, Bangalore.
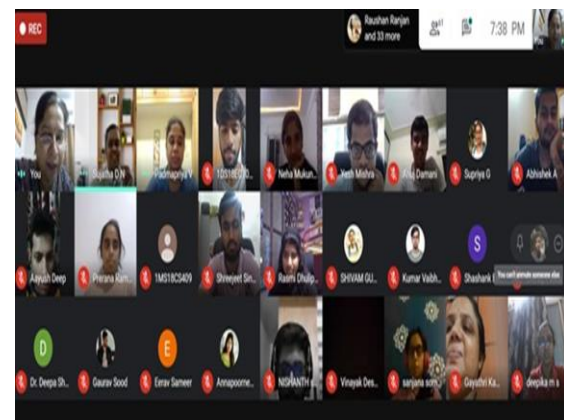
May 13, 2021: Dr. D N Sujatha, Professor was invited to give a webinar on "Artificial Intelligence - An Insight". This webinar was organized by IEEE Student branch, BGS Institute of Technology, Bengaluru.
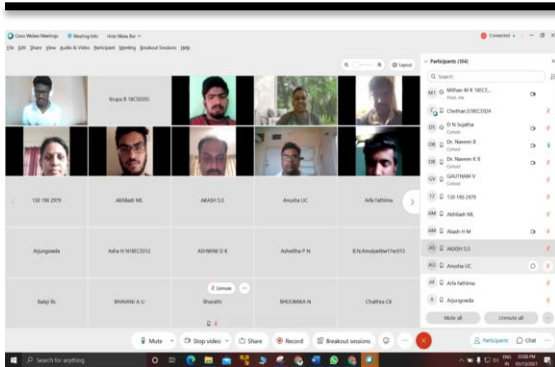
May 22, 2021: B.S.Narayan Centre for Advanced Learning and Software Development, BMSCE in collaboration with Seminar/Workshops/ Industrial Visit team, Dept. of Computer Applications, conducted a webinar on **"Cyber forensic intelligence demonstration"** by Dr. Dinesha H A, M.Tech, Ph.D., ISTE, Founder and Director, Cybersena (R&D) India Private Limited, Professor and HOD, Dept. of Computer Science and Engineering, NCET, Bangalore.
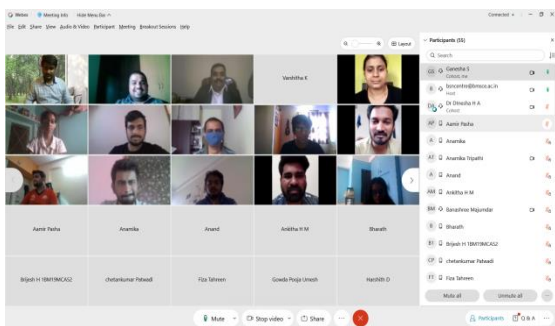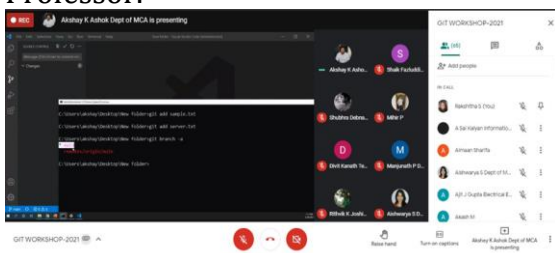

May 29, 2021: WiE, IEEE BMSCE along with IEEE Bangalore Section organized a hands on workshop on "Git-All what you need" by Akshay Ashok, Software Engineer, Ignitarium and alumnus of MCA Department, Batch 2016-19. This event was organized by Dr. D N Sujatha, Professor.

Jun 05, 2021: Cultural Club, Department of Computer Applications conducted a cultural event, consisting of three rounds- *Find the odd one out*, *Find the item in the image* and *Think and Answer*. This event was conducted by Soloni N L, second semester MCA student. Shanbhogh Rohan Bharadwaj and Mahalakshmi B N won first and second place respectively.

Jun 07, 2021: Dr. D N Sujatha, Professor invited as a guest of honour at H. K. E. Society's S. L. N. College of Engineering-Raichur, to share her experiences and views about, "*IEEE Membership Benefits & Opportunities*".
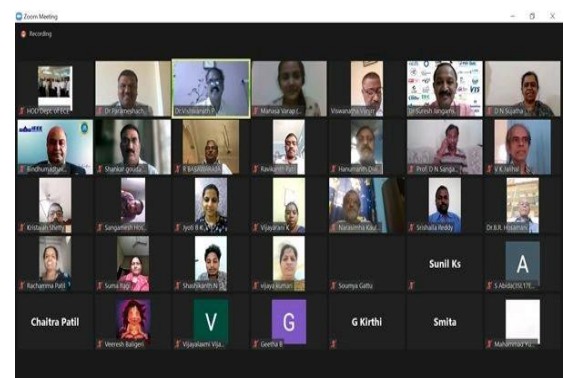
Jun 12, 2021: Dr. D N Sujatha, Professor in association with WiE-AG, BMSCE IEEE SB, and IEEE Bangalore Section, organized a hands-on virtual workshop on "Understanding *Blockchain, Cryptocurrency, and Smart Contracts*", by Girish Nuli, Founder Infibridge Inc.
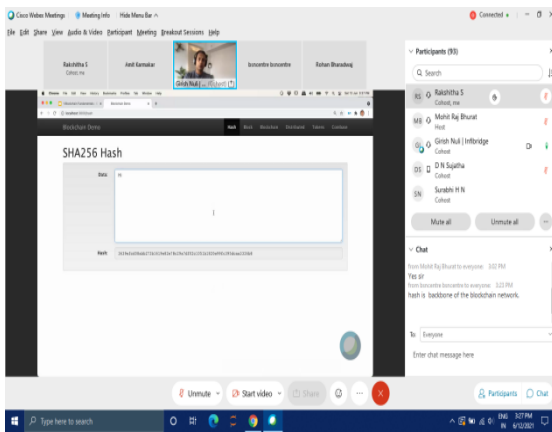
Jun 19, 2021: Dr. D N Sujatha, Professor was invited as a guest speaker for "*Young Engineers Entrepreneurship Kickoff Event*" organized by TEMS, IEEE Bangalore Section.

Jun 19, 2021: Cultural Club, Department of Computer Applications conducted a cultural event- "*Guessing the Emoji*". This event was coordinated by Pooja Hegde, Deepak & Shashank R, second-semester MCA students.

First Place: Team2
Karthik B, Karthik B,Varun K, Rohan Bharadwaj, Kiran

Second Place: Team5
Amit, Azharudeen, Lakshmeesh, Shravya, Kusuma, Sanket, Rakshita R.

Jun 23, 2021: Dr. D N Sujatha, Professor given a webinar on "*Importance of Networking*" during "International Women in Engineering day celebrations", organized by WiE AG, IEEE Bangalore Section.
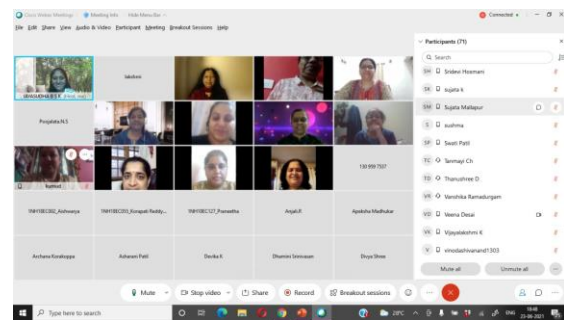
Jun 25, 2021: Dr. D N Sujatha, Professor invited as a Chief Guest for "*IEEE CT Soc Remote internship Cohort 1, award of certification program*".

Jun 26, 2021: Cultural Club, Department of Computer Applications conducted a cultural event-"*Think and Guess Jumbled Words*". This event was conducted by Saloni N L.

Jun 30, 2021: Chatur S Suryavamsi, (USN-1BF18MCA05) sixth semester MCA student had received certificate of excellence for his outstanding performance as flutter development intern from Unexo Integrated Facility Management Services Private Limited.

Jul 03, 2021: Department of Computer Applications in association with B. S. Narayan Centre for Advanced Learning and Software Development conducted 8 hours hands-on workshop on "Up and Running in AWS" on 3rd, 10th, 17th and 24th of July 2021.
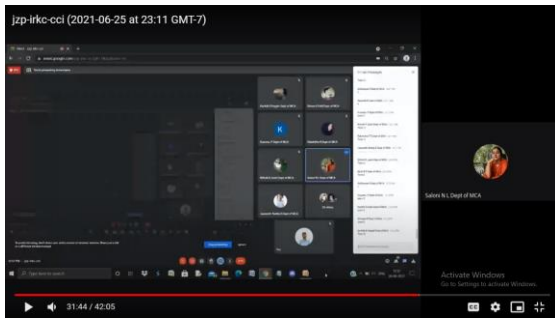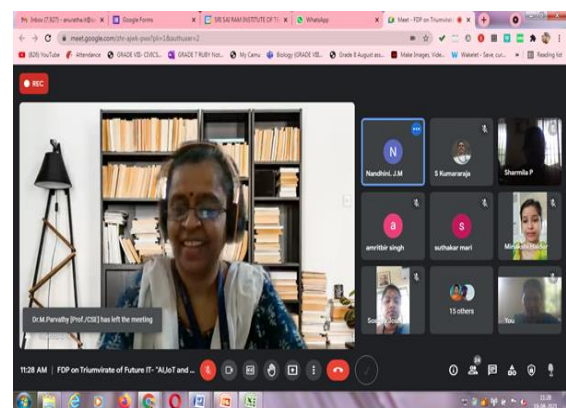
Jul 10, 2021: Dr. D N Sujatha, Professor was invited to Chair WiE Session during IEEE CONECCT, 2021.

Jul 19, 2021: Dr. D N Sujatha, Professor was invited to deliver a webinar on "IEEE Student Branch Genesis, Roles and Responsibilities" at RV Institute of Technology and Management.

Jul 24, 2021: Department of Computer Applications in association with B. S. Narayan Centre for Advanced Learning and Software Development organised a webniar on "An industry point of view on Automation" by Satyen Kumar, Director-Cloud Strategy & Architecture, Wipro Limited, Brussels, Belgium.

Jul 30, 2021: Dr. D N Sujatha, Professor, was invited to deliver a talk on "Q2 Updates and New initiatives from SCT Team" during IEEE Branch Counsellors Meet 3.

Aug 19, 2021: Dr. D N Sujatha, Professor was invited as a resource person to deliver a talk on "AI Powered IoT for Intelligent Systems and Smart Applications" during Faculty Development Programme on "Triumvirate of Future IT-AI, IoT and Cloud Technologies" at Sri Sai Ram Institute of Technology, Chennai.

Aug 24, 2021: Dr. D N Sujatha, Professor invited to deliver a talk on "IEEE Benefits and Opportunities" during half a day NKSS Officers's Training Program.
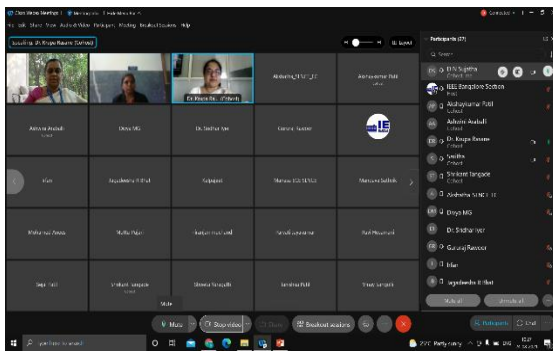
Aug 27, 2021: A book chapter titled "Future of Sustainable Smart Cities: An Insight", authored by V. Padmapriya and Dr. D N Sujatha for the book titled Blockchain for Smart Cities, is published by Elsevier. The online version of the same was released on 27th Aug, 2021.

Aug 28, 2021: A Farewell function was organized at indoor stadium for MBA, MCA(Batch 2018) & M.Tech students.

Sep 02, 2021: Dr. D N Sujatha, Professor was invited as subject expert for the panel of teaching faculty recruitment process in the Department of Computer Applications, PES University.

Sep 05, 2021: Mr. Lakshminarayana P, Associate Professor published research paper titled "Kinetic Gas Molecular Optimized (KGMO) Artificial Neural Network (ANN) Based Software Reliability Prediction for Banking Applications" in SPRINGER LNNS. DOI: 10.1007/978-3-030-86223-7_15. This paper is a book chapter in Lecture Notes in Networks and Systems book series (LNNS, volume 303)..
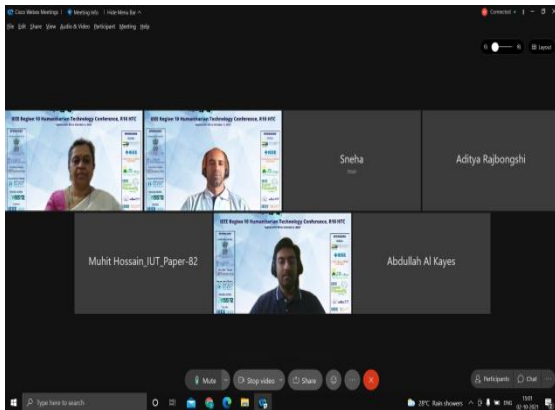
Sep 08, 2021: Dr. D N Sujatha, Professor was invited as chief guest for the event IEEE-AIT SB AGM 2021 at Atria Institute of Technology.

Oct 02, 2021: Dr. D N Sujatha, Professor was invited as Session Chair during R10 HTC.

Oct 04, 2021: Dr. D N Sujatha, Professor was invited to present a webinar on "Role of IEEE in Student's Career" at KLE Dr M S Sheshagiri College of Engineering and Technology.

Oct 05, 2021: Dr. D N Sujatha, Professor was invited as Chief Guest during IEEE Day celebrations at Don Bosco Institute of Technology.

Oct 07, 2021: Dr. D N Sujatha, Professor was invited to present a webinar on Invited for a webinar on "IEEE Membership and its Benefits" at Brindavan College of Engineering.

Oct 08, 2021: Dr. D N Sujatha, Professor was invited to present a webinar on "IEEE: Benefits and Opportunities to Students" at Don Bosco Institute of Technology.

Oct 19, 2021: Karthik G Dath (1BM20MC021) student of 3nd semester MCA performed in 'prameelaarjuneeyum' play held at Ranga Shankara.

Team A

Team B

Oct 28, 2021: Dr. D N Sujatha, Professor was invited as a Chief Guest during IEEE Day celebrations at Cambridge Institute of Technology.
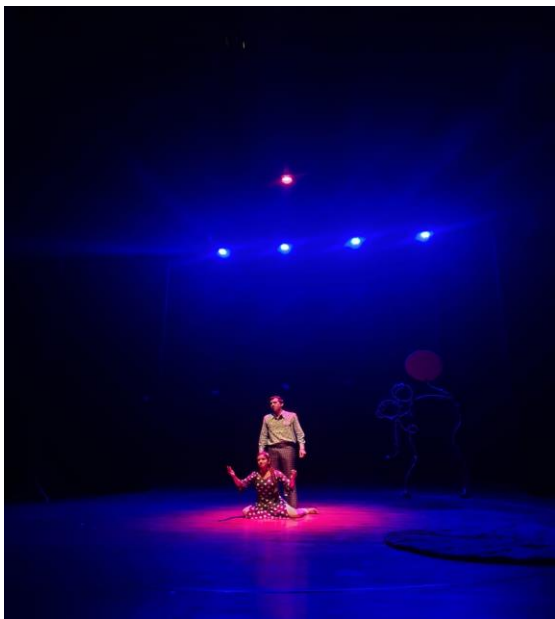
Oct 27, 2021: Dr. D N Sujatha, Professor was invited as Subject Expert for Recruit of Faculty in the Department of Computer Applications at PES Colege of Engineering, Bengaluru.

Oct 27, 2021: Department Cultural Club conducted "Chain Spelling" and "items" events.

Oct 30, 2021: Dr. D N Sujatha, Professor was invited to share Journey of WiE Global Summit during Inauguration of IEEE WiE GS.

Nov 11, 2021: Department of MCA along with WiE AG of BMSCE IEEE SB organised an Extension Lecture Series on "The Red Harvest: hunting unknowns in knowns using foren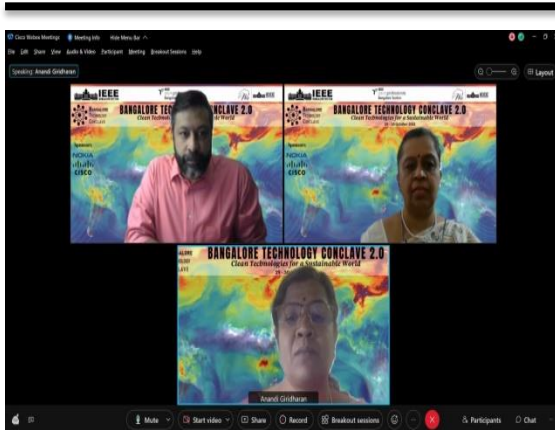sics" by Mr. Shyam Sundar Ramaswami, Senior Research Scientist at Cisco's security business group at Faculty Development Center, PG Block, Ist Floor, MCA.

Nov 12, 2021: Students of MCA participated in '*Ananthkumar Memorial Lecture and Memorial Walk'* held at RV Teachers College Auditorium, 2nd Block, Jayanagar, Bengaluru.

Nov 19, 2021: MCA students performed dance, music and games related to "Karnataka culture and heritage" as a part of Karnataka Rajyotsava celebrations in FDC. The alumni Ranjitha Vasu(2012 Batch), Dhanyashree and Sindhu Srinath (2010 Batch) and Dance Guru Sri Nithyananda Nayak were invited as guests.

Nov 19, 2021: MCA department's magazine Stride was released by MCA alumni Dhanyashree , Sindhu Srinath and Ranjitha B. Stride2021 magazine had a soft release(e-copy), website release and animation release. This

magazine had several teams-design, website, article collection and grammar check consisting of 19 students, both from 3rd and 5th semester MCA.

Nov 23, 2021: Dr. D N Sujatha, professor was invited as a Guest of Honour during Virtual Inauguration of IEEE Student Branch of PDA College of Engineering, Kalaburgi.

Nov 26, 2021: Department of Computer Applications hosted Smartbot event as a part of PhaseShift 2021. In this event participants are expected to create a chatbot using a platform called Botsup for Supermarket Assistance Scenario.


Nov 27, 2021: Webvision event was hosted by the department as a part of PhaseShift 2021. In this event participants were given a scenario to analyse, come up with a solution for which they should construct a wireframe and design a user interface in accordance with the rules specified throughout the event within three hours of time.

Nov 27, 2021: A workshop on "Digital Disruption-Ever-Changing Consumer Expectations" as a part of PhaseShift 2021 was hosted by the department. Mr. Karan Kumar H, Head, Shruth & Smith Group and Mr. Darshan S, Founder of Leiten consulting Pvt. Ltd., were invited as resource persons.
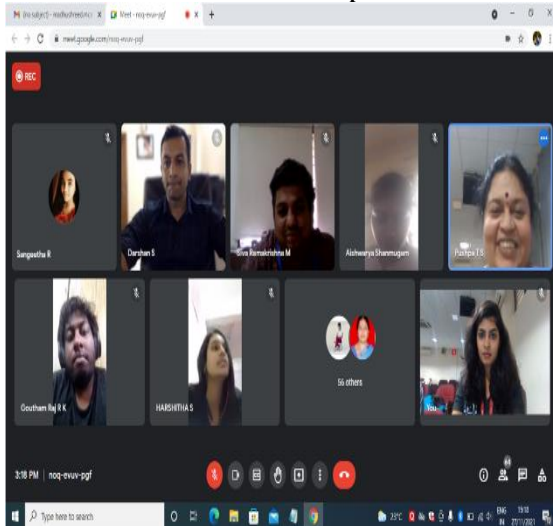
Dec 5, 2021: Mr. M Siva Rama Krishna, Asst. Professor, Dept. of Computer Applications and Incharge *B S Narayan Centre For Advanced Learning and Software Development* represented BMSCE as a delegate to the event **Prabhuddha Bharat.** During this event, regarding the VTU Innovation Centre and collaborations was discussed with Hon'ble Vice Chancellor Dr. Karisiddappa and VTU registrar Dr. A S Deshpande.

Nov 30, 2021: MCA Students visited the Green Kitchen of Adamya Chetana, along with Dr. D N Sujatha.

Dec 10, 2021: Department of Computer Applications along with BMSCE IEEE WIE organized a talk on "Information Processing techniques for Mobile sensing applications" by Dr. Prasant Misra, Research Scientist at TCS.

Dec 11, 2021: Dr.D N Sujatha, Professor was invited as a guest to IEEE Student Congress 2021, VVIET Mysore.

Dec 11, 2021: Students of third semester MCA visited 'Rastrothana Blood Center' which was coordinated by NGO "Vande foundation".

Dec 12, 2021: Students of third semester MCA participated in 'Temporary pot-hole filling" which was coordinated by NGO 'Vande foundation' held at Nandi Hills.

Dec 19, 2021: Students of third semester MCA participated in 312th 'Green Sunday' event organized by Adamya Chethana.

Dec 22, 2021: Prof. Siva Rama Krisha and Prof Lakshminarayana P briefed about the internship and skill development opportunities for budding engineers to become industry ready professional, during first year BE orientation program.

Dec 24, 2021: Students of MCA third semester played **Secret Santa** where all the students' names are written on a piece of paper, folded and shuffled it, then the students randomly pick one paper. Prepare a gift for that picked name and gifts are distributed on 30th of December. This event was hosted by department Cultural Club.

Dec 25, 2021: Students of third semester MCA participated in 'BTM Lake Clean up' drive which was coordinated by "Vande foundation" NGO held at Nandi Hills.

Dec 28, 2021: Dept. of Computer Applications in collaboration with *B S Narayan Centre For Advanced Learning and Software Development* conducted Hands-on workshop on "Automation Testing Selenium with Python" for third semester MCA students at FDC, PG Block, First Floor, BMSCE. Smt. Shambavi Gupta, Corporate Trainer demonstrated test cases on Selenium.

Dec 30, 2021: Dr. D N Sujatha, Professor was invited as a Guest of honor during inauguration of IEEE Student Branch, RYMCE, Balllari.

Dec 30, 2021: *B S Narayan Centre For Advanced Learning and Software Development,* Department of Computer Applications in collaboration with LGSI conducted Placement drive and LGSI selected seven MCA students for the package 4LPA.

Faculty coordinators for various department activities during Jan-Dec 2021

- **Girish K & Siva Rama Krishna**
  (Invited Guest talks/workshops)

- **P Lakshminarayana, Siva Rama Krishna**
  (B.S. Narayan Centre For Advanced Learning and Software Development)

- **Dr. D N Sujatha**
  (IEEE, IEEE- WiE SB)

- **Shailaja K P**
  (Cultural Activities, Extra Curricular & CoCurricular)

- **R V Raghavendra Rao**
  (Placement Club Activities)

- **Shilpa S**
  (Phase-Shift, Cultural & MCA Alumni Association Activities)

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