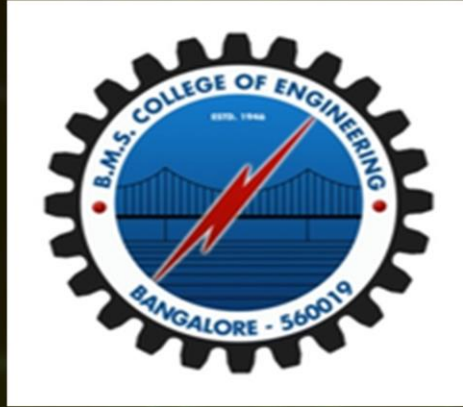


B.M.S. COLLEGE OF ENGINEERING, BENGALURU
Autonomous Institute, Affiliated to VTU



DEPARTMENT OF COMPUTER APPLICATIONS

ಇಲಾಖಾ
ಕಾಂಪ್ಯೂಟರ್
- RECOLLECTION BASKET

ACTIVITY REPORT - 2020



Jan 04, 2020: Dr. D N Sujatha, Professor, Computer Applications department is recipient of WiE Outstanding Volunteer Award for Year 2019 by IEEE Bangalore Section during IEEE AGM.



January 08, 2020: Mr. Aviram Sharma-Trustee BMSET inaugurated *Connect & Communication* app, which facilitates SMS based information technology to the students, parents and faculty from college management and Principal. Dr. B. V Ravishankar-Principal, Mr. Murali Krishna Director Admin, BMSET- Mysore and Dr. Ram Mohan Reddy, E-Governance Chairman graced this wonderful moments.



Jan 11, 2020: Dr. D N Sujatha, Professor, Computer Applications department participated in walkathon - Walk and Breakfast with IEEE Fellow professor Nilesh B Mehta.



Jan 12, 2020: Dr. D N Sujatha, Professor attended Strategy and Planning Meeting of IEEE Bangalore Section.



Jan 17-18, 2020: Lakshminarayana P, Pushpa T S and M Siva Rama Krishna participated in **TechBharat – 2020** organized at **Taj Vivantha, Yeshwanthpur**. Made for India 2025 – Inclusive, Involved and Invested mode of Government in India’s Start-up ecosystem promoting the single largest source of commit and business with India’s best Startups.





Jan 22, 2020: Dr. K Vijayakumar, Associate Professor & Head, Department of Computer Applications, invited as resource person for 6 days FDP on *Machine Learning and its Applications* during January 22-27, 2020 jointly organized by CS/ISE departments, BGSIT, BG Nagar, Nagamangala Taluk.



Jan 23, 2020: Shankar Guggari, Research Scholar, invited as a resource person for *Machine Learning and its Applications* FDP organised by BGSIT, BG Nagar, Nagamangala Taluk.



Jan 24, 2020: Nishanth Bhat PL, fourth semester MCA student invited to judge the Web Prism, (Web Designing Event) in SYGMA 2020 (State Level IT Fest) organized by Shri Dharmasthala Manjunatheshwara College of Business Management, Mangalore.



Feb 04, 2020: Department of Computer Applications and Telecommunication along with Heartfulness Institute organised an event "*Dhyanaotsava*", focused on meditation held at Faculty Development Centre between 2.30 to 3.30PM.





Feb 05, 2020: A session on *Resume Writing* was held from placement club for the students of fourth semester MCA students and R V Raghavendra Rao given information regarding campus placements and rules.



Feb 05, 2020: Hashmitha S, Bharath V, Raksha.S.Babu, Madhushree.D and Likhith.BR handled a session on C programs and discussed few MCQ questions based on C for second semester MCA students.



Feb 06, 2020: Dr. B V Ravishankar, Principal informed that the National Board of Accreditation (NBA) has approved accreditation status for MCA Program through letter dated 31.01.2020 with validity period of 2019-20 to 2023-24 and valid up to June 30, 2024.



Feb 08, 2020: Smt. S Uma, Associate Professor, Computer Applications department awarded doctorate from VTU for her thesis titled “Web Services using Multi Agent Systems”.





Feb 08, 2020: Department of Computer Applications along with IIT-Bombay in association with Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), an initiative of MHRD conducted one-day workshop on Arduino Kit using the Spoken Tutorial methodology.



Feb 08, 2020: Cultural Club, Computer Applications department participated in 'Dumb Charades' by dividing whole class into two different teams and one team gave a movie name and team members played some actions based on that particular movie name. Then again opposite team members tried their best to identify the movie name.



Feb 09, 2020: Dr. D N Sujatha, Professor, Computer Applications department participated in IEEE Bangalore Section meeting.



Feb 09, 2020: Student chair Vardhini R, and V Padmapriya, faculty advisor for BMSCE-IEEE WiE-SB attended the "Parichaya" (the annual Branch coordinators and student chair meeting for WiE-SB) event organized by the IEEE Bangalore section at BNMIT, Bangalore.



Feb 10, 2020: A talk on "Living in Digital Shadows-Cyber Awareness" organised by Computer Applications department between 2.30PM to 4.30PM in Auditorium I, Platinum Jubilee Block for all the faculty and staff members of MCA, E&C, CSE and ISE departments. Sunil, Vinay Kharjagi, K Shivaprasad and Chethan Kumar from Cyquarex taken initiative to spread awareness on Cyber Security among staff and students of BMSCE.



Feb 12, 2020: Ganesha S, Gowda Pooja Umesh, Vaibhavi, Anamika Tripathi, Anamika, Rohan R and Sharmila T, fourth semester students of MCA conducted a session on Aptitude. They were made to attend aptitude on “youth4work.com” on their systems. Students were asked to take online Aptitude test, which were categorized based on the company’s in youth4work.com.



Feb 14, 2020: The BMSCE IEEE-WiE-SB and the Industry Institute Interaction Cell (IIIC) wing of Department of Computer Applications, organized a Workshop on “UXUI” for the 4th semester students of MCA. The session was handled by Ms. Shilpa Joshi and Mr. Kiran who are Corporate Trainers at SILICA Institute, Bengaluru.

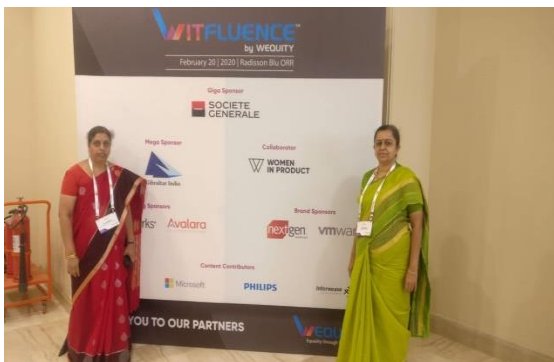
Feb 12, 2020: Result Management System was inaugurated by Dr. B V Ravishankar, Principal and Dr. S Muralidhar, Vice-Principal in presence of E-Governance team and Controller of Examinations. This module allow students to view their individual results based on the University Serial Number in a webpage.



Feb 15, 2020: Second semester MCA students participated in Kannada ‘Antyakshari’ coordinated by cultural activity club. By singing some Kannada songs based on chit obtained by random pick.



Feb 20, 2020: Dr. D N Sujatha, Professor, participated in WITFLUENCE - Industry level curated Technology and Leadership Conference for mid-senior women technologists held at Radisson Blu hotel.



Feb 21, 2020: Rohan R, Sandeep Verma N and M Siva Rama Krishna published a Paper titled “Blockchain-Based Solution for Physical Asset” received Best Paper Award in IEEE International Conference-ICOMBI 2020 from Feb 21st to 22nd on Blockchain Implementation Mainstream.



Feb 22, 2020: Dr. D N Sujatha, Professor, IIE SAC-Chair Computer Applications department invited to reactivate and uplift IEEE student Branch, BIT by orienting students regarding academic career and professional networking opportunities that build critical skills outside the classroom.



Feb 24, 2020: Dr. D N Sujatha, Professor, and Dr. S Uma, Associate Professor, Computer Applications department attended AICTE Expert Training Program at HIT, Chennai



Feb 25, 2020: Dr. K Vijayakumar, Associate Professor and Head of Computer Applications department attended Advisory committee meeting, MCA department, SIT, Tumkur.

Feb 26, 2020: Placement Club and BMSCE IEEE-WiE-SB wing of the department of Computer Applications organized a workshop on “Effective Resume Writing



and Interview Skills”. This talk was delivered by Mrs. Vidya Ramaprasad, Freelance trainer in soft skills for the 4th semester students.



Feb 27, 2020: Department of Computer Applications organised a talk on "Career in Technical Communication" by Sandhya Ranganathan.



Feb 28, 2020: The Industry Institute Interaction Cell (IIC) and BMSCE IEEE - WiE- SB Wing of Department of Computer

Applications, organized a talk on “Breaking the Myth on Blockchain” delivered by Mr. Muthuram Govindarasu, CEO and Founder, Indegenous Tech Private Limited, Bangalore .



Feb 29, 2020: Dr. D N Sujatha, Professor, Computer Applications department invited as a resource person for IEEE Faculty Conclave, NIET, Mysore.



Feb 29, 2020: Second Semester MCA Students participated in indoor game event Carom, sports complex and boys played cricket in the college playground.





Mar 04, 2020: Department of Computer Applications organised industrial visit to TCS for fourth semester MCA students.

Mar 08, 2020: Shwetha A N, SDA, Department of Computer Applications participated in Woman's day celebration held at B.M.S. College of Engineering.

Mar 02, 2020: Ganesha S, Chathur S Suryavamshi Masood Ahmed and Shreyas P Harle, IV Sem MCA students participated in Microsoft Impact India Hackathon held on 29th Feb. A prototype to convert Hand sign to text and Speech was developed to help Dump people. Team received 4th best idea.

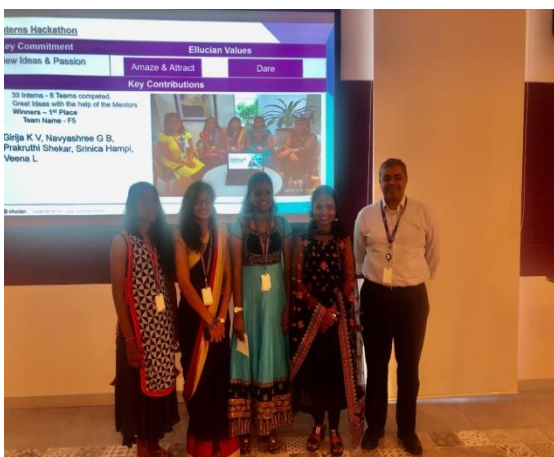


Mar 03, 2020: Girija K V(1BM17MCA16) and team received first prize for interns Hackathon- “New ideas and Passion” theme at Ellucian Values. This is accomplished by Girija along with other interns Navyashree G B, Prakruthi Shekar, Srinica Hampi, Veena L. Ten teams participated in this 1½ day hackathon. 33 interns – 8 teams completed great ideas with the help of the mentors.



Team members presented Proof of Concept(PoC) *Counsellor Assist PRO*. This PoC works as a mental health screening tool by identifying patterns in student's voice and speech clippings and looks for triggers and indicators that are commonly is used to specify mental illness.

Mar 14, 2020: Padmapriya V, Asst. Prof., completed online course on “Front-End Web UI Frame Works and Tools: Bootstrap 4” by the Hong Kong University of Science and Technology, offered through Coursera.



Apr 08, 2020: A research paper entitled “Music Rhythm Tree based Partitioning Approach to Decision Tree Classifier” has been accepted and published in Journal of King Saud University - Computer and Information Sciences (Elsevier Publishers-Scopus Indexed), In press, journal pre-proof Available online 8 April 2020.



Above research paper was authored by Shankru Guggari, Vijayakumar Kadappa, V Umadevi, Ajith Abraham.

April 17, 2020: Yang Pan, Vijayakumar Kadappa, Shankru Guggari, Chapter 15 - Identification of road signs using a novel convolutional neural network, Editor(s): G.R. Sinha, Jasjit S. Suri, Cognitive Informatics, Computer Modelling, and Cognitive Science, Academic Press, 2020, Pages 319-337, ISBN 9780128194430.

May 05, 2020: Padmapriya V, Asst. Prof., Computer Applications department completed online course on “Cyber Security & the Internet of Things” offered through Coursera.

May 04-09, 2020: Sri. P Lakshminarayana, Dr. S Uma, Dr. Ch. RamMohanReddy, Smt. Pushpa T S, Smt. Shailaja Smt. K P, Shilpa S and Smt. B Sowmya participate in One Week Online Workshop on *Moodle - Learning Management System* organized by Tagore Institute of Engineering and Technology Attur, in association with IIT Bombay.

May 15, 2020: Smt. Shobha Rani P completed online course on *Master Excel – Excel from beginning to Advanced*.

May 22, 2020: Smt. Shobha Rani P completed online course on *Master Microsoft Word Beginner to Advanced*.

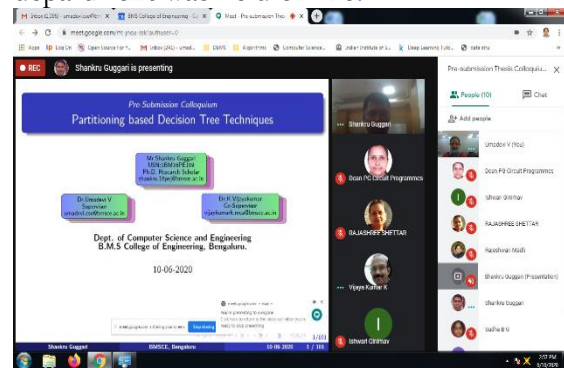
May 28, 2020: Sri. A Nagesh Acharya has successfully completed “*Programming for Everybody (Getting Started with Python)*” an online non-credit course authorized by University of Michigan and offered through Coursera.

June 7, 2020: N Neha, Chiranjana S Kumar, Divyakriti Masau, Ritu Toshniwal, A N Shalini participated in Hackathon2020 held at BMSCE under the guidance of Girish K and Madhav Murthy. Theme : Supply chain

management of necessary commodities including Hospital assets/supplies etc.(Title – IRIS)

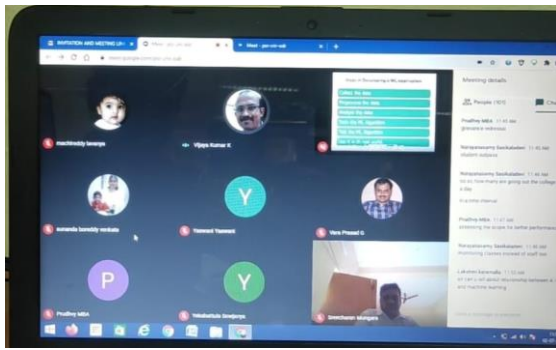


June 10, 2020: Pre-submission thesis colloquium of Sri. Shankru Guggari under the guidance of Dr. K Vijayakumar, Head & Associate Professor of Computer Applications department & Dr. Umadevi V, Head & Associate Professor of CSE department was held online.



July 02, 2020: Dr. K Vijaya Kumar, Associate Professor & Head, department Computer Applications given Webinar on “*Machine learning*” during e-impact lecture workshop on “*Intellectual property Rights and Innovations in Technology*” organized by KLM college of Engineering for Women, Kadapa Andhra Pradesh.

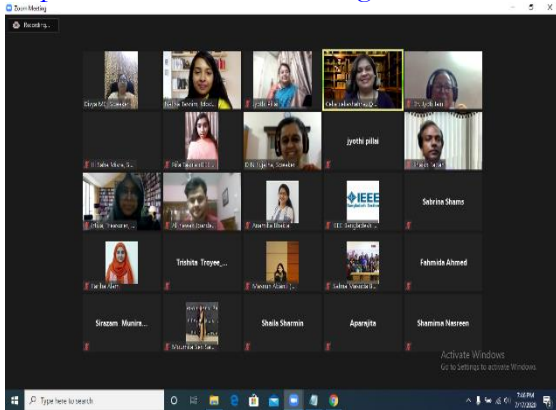




July 03, 2020: Lakshminarayana P, Associate Professor, Dept. of Computer Applications published a journal paper, titled "Automatic Generation and Optimization of Test case using Hybrid Cuckoo Search and Bee Colony Algorithm", Journal of Intelligent system, Publisher: DE GRUYTER.

July 17, 2020: Dr. D N Sujatha, Professor, department of Computer Applications invited as a speaker during WiE Tech Meet up, online Webinar Series, IEEE Bangladesh Section.

<https://events.vtools.ieee.org/m/235518>



Women in Engineering Tech Meetup Online Webinar Series
17th July, 2020 | 6:00 pm to 7:00 pm BDT

Speakers

 Dr. D N Sujatha Professor, Department of Computer Applications, BMS College of Engineering, Bangalore, India WIE Chair (2016-17), IEEE Bangalore Section	 Ms Divya M G Joint Director- SDOS, C-DAC, Bangalore, India Vice Chair 2009, Bangalore section, WIE Chair 2019, Bangalore section	 Dr. Jyoti Jain Maharaja Surajmal Institute of Technology, Delhi, India Senior Member, IEEE Delhi Section
 Dr. Jyothi Pillai Professor, Bihari Institute of Technology, Durg (Chhattisgarh) India	 Dr. Rishi Saha Misra Former Head and Professor, Department of Electronics and Telecommunication Engineering, Jaiyayur University, Kolkata, India Vice-Chair, IEEE Kolkata Section	 Dr. Celina Shahnaz Chair, IEEE Bangladesh Section Professor, Department of EEE, BUET
 Moderator	 Nafise Tasnim Vice Chair, WIE AG Bangladesh Section Senior Engineer, Energypac Engineering Limited	 Organized By: IEEE Bangladesh Section

Smt. Shwetha successfully completed "Positive Psychology" course from Coursera.

Aug 05, 2020: Dr. D N Sujatha, Professor, Department of Computer Applications, invited to give webinar on "Benefits to faculty by joining IEEE" at Atria Institute of Technology.

 Branch Code: STB20234	 Atria Institute of Technology, Bengaluru, India	
 Mr. Punsoot Kumar Mishra , Chair, IEEE Bangalore Section Overview of IEEE 11:00 am	 Dr. K. V. Narayanaswamy Principal, Atria Institute of Technology, Bengaluru	Experts Talk for IEEE Membership and Branch Chapter benefits on Wednesday, 05 August, 2020 Registration link: https://bit.ly/Atria-IEEE
 Prof. Raghavendra Prasad , SAC Chair Benefits to Institution and Students by joining IEEE 11:30 am	 Dr. Arun Balodi , Assoc. Prof. and HOD, MIEEE, Dept. of ECE ecchood@atrio.edu	For more details: Student Coordinator: Mr. Pramod B. N. IEEE SAC, Volunteer, CSE, Final Year, AIT, Bengaluru Mobile: +91 9880095227 Email: prasad@ait.org
 Dr. D.N. Sujatha , SAC Chair, Benefits to Faculty by joining IEEE 11:50 am	 Dr. Anish Bajpai Research Assoc. Prof., SMIEEE, Dept. of ECE anishbajpai@ieee.org +91-98816-34490	

Aug 08, 2020: Dr. K Vijayakumar, Head and Associate Professor, Computer Applications department, invited as a session chair for a track in International conference on Computational Intelligence and Data Engineering held during 8-9 Aug 2020, organized by Vasavi college of Engineering, Hyderabad, Telangana.

Aug 10, 2020: Dr. D N Sujatha, Professor, Computer Applications department recognized as one of the top five Performers of EXECOM Jan-June 2020, IEEE Bangalore Section 2020.


IEEE Bangalore Section

Congratulates

**Top 5 performers of EXECOM
Jan-June, 2020**

 CHENGAPPA M R Co-Chair, Professional Activities, IEEE Bangalore Section	 KISHOREKUMAR SIAHARMA OMSHARAN Social Media Manager, IEEE Bangalore Section Vice Chairman, SCT, IEEE India Council	 MANJUNATH B S Chair-ECIM, IEEE Bangalore Section	 RAGHAVENDRA PRASAD S G Chair, Students Activities, IEEE Bangalore Section	 SUJATHA DN Co-Chair, Students Activities, IEEE Bangalore Section
--	---	---	--	---

You made us proud!



Aug 17, 2020: Dr. D N Sujatha, Professor, Computer Applications department invited to present webinar on "Best Practices in IEEE SB" in KLE DR M S Sheshagiri College of Engineering and Technology.

IEEE Advancing Technology Advancing Humanity

IEEE BANGALORE SECTION

KLE Society's
KLE DR M S Sheshgiri College of Engineering & Technology
(Affiliated to VTU, Belgavi, Approved by AICTE, New Delhi & Gov't of Karnataka)
Accredited all Branches by NBA, New Delhi

Angol Road | Udyambagh | Belagavi - 590008 | KARNATAKA | INDIA

VIRTUAL INAUGURATION OF
KLE Dr MSSCET BELGAVI IEEE STUDENT BRANCH (STB5029)
17th August 2020, MONDAY @ 10.30 AM

CHIEF GUEST

PATRONS

Mr. Puneet Kumar Mishra
Chair, IEEE Bangalore Section

Shri. S.C. Metgud
Chairman, KLEMSSCET Belgaum

Dr. Basavaraj Katageri
Principal
KLE Dr MSSCET Belgaum

Guests of Honour

Dr. Suresh H. Jangamshetti
Chair, IEEE, IEEE NKSS
Professor, Dept. of EEE
BCE, Bagalkot

Prof. Raghendra Prasad S G
Chair, SAC,
IEEE Bangalore Section
Dept. of ISE, RVCE, Bengaluru

Dr. Parameshachari B D
Secretary, IEEE CAS
Bangalore Chapter
Prof. & Head, Dept. of TCE
GSSSIETW, Mysuru

Dr. D N Sujatha
Co-chair, SAC,
IEEE Bangalore Section
Professor, Dept. of MCA
BMSCE, Bengaluru

IEEE Student Branch Mentor

Dr. Rajashri Khanai
Prof. & HOD, ECE DEPT
KLE Dr MSSCET Belgaum

IEEE Student Branch Counselor

Dr. Sujata N Patil
Asso. Prof., Dept. of ECE
KLE Dr MSSCET Belgaum

Kindly do attend and grace the occasion
Registration Link: https://bit.ly/IEEEEB_KLE

Designing Web Pages: An Insight". This webinar was organized by BCA, K.L.E Society's Degree College, Nagarabhavi, Bangalore as part of Cloud Arena Web Series. This talk was arranged for BCA students and faculty group of degree colleges across India.



K. L. E. Society's Degree College
Bachelor of Computer Applications
Nagarabhavi, Bangalore - 72

Cloud Arena
Webinar Series
Series 2

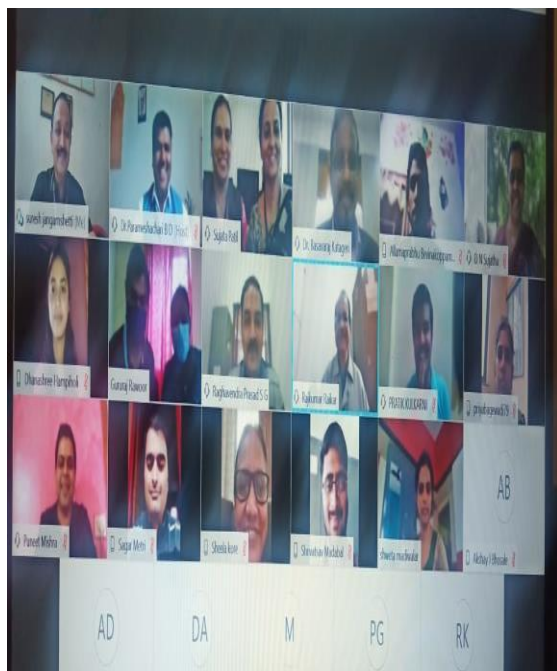
Invites you to Webinar on
**The Art of Designing Web pages:
An Insight**

24th August 2020
11:00 AM To 12:00 PM
Convener : Ms. Sneha V K
Principal : Prof. Vijay Kumar A S

Mrs. V Padmapriya
Assistant Professor
Dept. of Computer Applications
BMS College of Engineering

Scan to Register
<https://forms.gle/CFQuQCNTU2zXgH28>

Email : cloudarena@klenagarbhavi.edu.in
Visit : bca.klenagarbhavi.edu.in



Aug 26, 2020: Placement Club, Department of Computer Applications, conducted CODE-A-THON event. The event initiated by Department Placement Club in charge Sri. Raghavendra Rao and executed the same with the students. Student Coordinators Ganesha S and Raksh S Babu formed a team to execute the tasks namely Code Sense, Code Storm, Think Bots and Code Paradox.

There were around 600 registrations. Among them 400+ participants participated from various colleges. Participants were from 18+ states from India. Event was scheduled for 8hrs from 10.00 AM to 6.00 PM. The participants can develop their code in C, C++, Java, and Python. Divyanshi Agarwal and Megha Agarwal, NIT, Jamshedpur got first place and won Rs. 1000 Amazon coupon. Shreesha Bhat, ISE dept, 8th sem, BMS College of Engineering, Bangalore secured second place and won Rs. 750 Amazon coupon.

Aug 24, 2020: Smt. V. Padmapriya, Assistant Professor, Computer Applications department, delivered a talk on *"The Art of*



Poornashree and Rashmi KR, Siddaganga Institute of Technology, Tumkuru got third place and won Rs 500 Amazon coupon.

B. M. S. COLLEGE OF ENGINEERING
(AUTONOMOUS INSTITUTE, AFFILIATED TO VTU)
DEPARTMENT OF COMPUTER APPLICATIONS
(ACADEMICAL & NON-ACADEMICAL OFFICES)
ORGANIZING

CODE-A-THON
24th August 2020 (10am to 6pm) -
CODING LANGUAGES:
C, C++, JAVA, PYTHON.
WINNERS WILL BE REWARDED WITH
CERTIFICATE AND AMAZON COUPONS.
E. PARTICIPATION CERTIFICATE WILL BE
PROVIDED TO ALL PARTICIPANTS.
TEAM: INDIVIDUALLY OR 2-PER TEAM.
REGISTRATION LINK:
<https://bit.ly/2DWVAFD>

CO ORDINATORS: No Registration Fee
GANESHA S: 7406661800
RAKSHA S BABU: 9886179805



B. M. S. COLLEGE OF ENGINEERING
(AUTONOMOUS INSTITUTE, AFFILIATED TO VTU)
Department of Computer Applications

CERTIFICATE OF ACHIEVEMENT

This certificate is proudly presented to:
Dr. D N Sujatha
for winning 1st place in CODE-A-THON 2020 an eight hours coding event organized by Department of Computer Applications, BMS College of Engineering, Bengaluru on 26-August 2020.

Prof. A. S. Raghavendra Rao
Event In-charge

Prof. Dr. K. Subbaraya
Head of the Department

Aug 27, 2020: Dr. D N Sujatha, Professor, Computer Applications department invited as a resource person to present webinar on "A Sneak Peak into the right practices of IEEE SB" in BGS Institute of Technology.

ADICHUNCHANAGIRI UNIVERSITY
BGS INSTITUTE OF TECHNOLOGY
BG Nagar - 571 048, Nagamangala Taluk,
Mandya District, Karnataka

VIRTUAL INAUGURATION OF
BGSIT IEEE STUDENT BRANCH (STB50293)

Date: 27-08-2020, Time: 11.00 AM

Patron:
Dr. S Chandrashekar Shetty, Vice Chancellor, ACU
Dr. C K Subbaraya, Registrar, ACU

Organizing Chair:
Dr. D. N. Sujatha, Principal, BGSIT
Convener:
Dr. M. B Anandraj, Prof. & Head, Dept. of ECE

Chief Guest:
Mr. Puneet Kumar Mishra
Chair, IEEE Bangalore Section

Registration Link
<https://forms.gle/ZKGAPG7nd4tEh3h7>

Guest of Honour

Prof. Raghavendra Prasad S G Chair, SAC, IEEE Bangalore Section Dept. of ISR, RVCE, Bengaluru	Dr. D N Sujatha Co-Chair, SAC, IEEE Bangalore Section Professor, Dept. of MCA BMSCE, Bengaluru	Dr. Bindu A Thomas Boscom Member, IEEE WIE, Bangalore Section 1918 Service Member Director, Prof. & Head, Dept. of ECE VJITE, Mysuru.	Dr. Parameshachari B D Secretary, IEEE CAS, Bangalore Chapter Prof. & Head, Dept. of TCE GSSSITW, Mysuru
--	--	--	--

IEEE CAS District Co-ordinator:
Dr. Navene K B
Associate Professor,
Department of ECE, BGSIT

IEEE Branch Counselor:
Dr. Navene B
Associate Professor,
Department of ECE, BGSIT

IEEE BGSIT Student Chair:
Ms. Anusha A
Student, Department of ECE, BGSIT

Advisory Committee:
Dr. T. Mahadevalah, Head, Dept. of Cntrl Engrg
Dr. K.M. Muraleelatha, Professor, Dept. of ECE
Dr. B. K Raghavendra , Head, Dept. of USAIR Engrg
Dr. S.H Manjunath , Head, Dept. of Mechanical Engrg.
Dr. B. S. Yovanja, Head, Dept. of Basic Science.
Dr. Ravikumar G K, R&ED Head, ACU
Prof. S.V. Shashikala, Professor, Dept. of CS & IS Engrg.

Organising Committee:
Mrs. K. Prabhavathi, Asst. Professor, Dept. of ECE
Mrs. B.C Kavitha, Asst. Professor, Dept. of ECE
Mr. S.B Manoj Kumar, Asst. Professor, Dept. of ECE
Mr. K.S Mohan Kumar, Asst. Professor, Dept. of ECE
Mr. B.S Saijaji, Asst. Professor, Dept. of ECE.

Kindly do attend and grace the occasion

Aug 28, 2020: Dr. D N Sujatha, Professor, Computer Applications department invited as a Panelist in the Panel Discussion on "Impact of social media on human behavior and society", IEEE PES Student Congress 2020.

IEEE PES
STUDENT CONGRESS 2020

PANEL DISCUSSION-1

Topic: Impact of social media on human behaviour and society

Panelists:

- Dr. D N Sujatha
Professor MCA department,
BMSCE, Ph.D. in CS from
Bangalore University
- Dr. Kavitha Soodha
Associate professor CSE
department, BMSCE
Post doctoral research fellow at IISc
- Dr. Ashwini Appaji
Ambassador at IEEE PES
Chairperson at IEEE Young
Professionals
- Spoorthy U
Student Representative
Currently pursuing bachelors
in psychology

Date: 28/08/2020
Time: 3:00 PM - 4:00 PM

SCAN HERE to register!

@bmsce_pes pes.bmsce@gmail.com

Sep 10, 2020: Dr. D N Sujatha, Professor, Computer Applications department expressed "IEEE Student Branch Benefits and Opportunities" during virtual inauguration of SDMCET IEEE student branch of Shri Dharmasthala Manjunatheshwara College of Engineering & Technology, Dharwad.

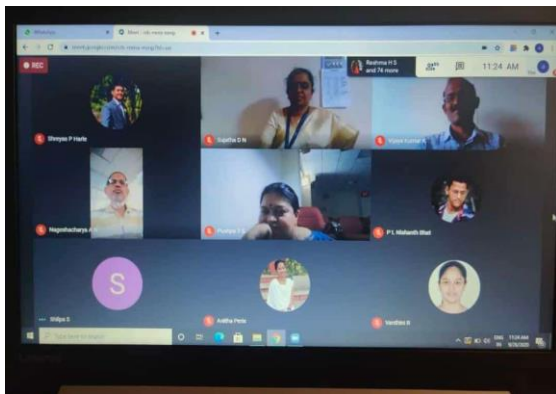
Sep 10, 2020: Dr. D N Sujatha, Professor, Computer Applications department given a webinar on "Adopting Right practices to become a successful Student Branch" at Government Engineering College, Krishnarajpete, during virtual inauguration of GECK-IEEE Student Branch.

Sep 15, 2020: Dr. D N Sujatha, Professor, department of Computer Applications delivered a webinar on "A Sneak Peak into Right practices of IEEE SB" during virtual inaugural of ATME-IEEE Student Branch, organized by ATME College of Engineering, Mysore.



Sep 25, 2020: Dr. D N Sujatha, Professor of Computer Applications department was invited as a panellist for Virtual BCMeet-3.

Sep 26, 2020: A Virtual Farewell was conducted for MCA students of the batch 2017-2020. This event was coordinated by faculties of the department, Mrs. Shilpa S and Mrs. K P Shailaja, along with the student coordinators and volunteers- Vardhini R, Ganesha S, Nishanth Bhat P L, Gowda Pooja Umesh and Umera Sulthana. Shreyas P Harle hosted this event and invocation by Shriya Bhat. Dr. K Vijayakumar was instrumental in making this event a virtual reality.

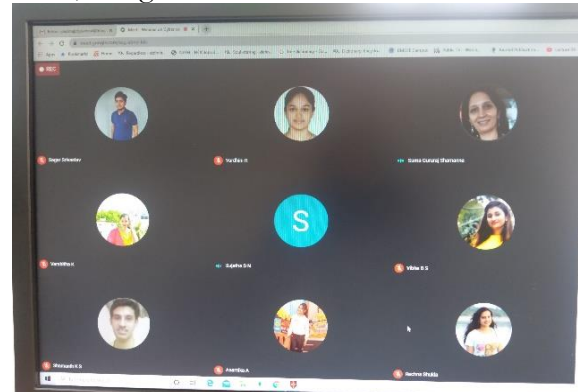


Sep 29, 2020: Dr. D N Sujatha, Professor of Computer Applications department addressed during the live webinar on “*Python & IT Career Opportunities in Kannada*”. This webinar was organized by MicroDegree in association with IEEE Mangalore sub section and IEEE Bangalore section.

Sep 29, 2020: Dr. D N Sujatha, Professor of Computer Applications department moderated the talk on “*Challenges and Opportunities for Women as Entrepreneur*” by Yashasvini Ramaswamy, Serial Entrepreneur and Founder Cuturelytics.

Sep 29, 2020: Department of Computer Applications, in association with BMSCE IEEE WiE Affinity Group conducted a webinar on “*Cyber security: Trends and forecast*”, by Mrs Suma Shamanna, Chief

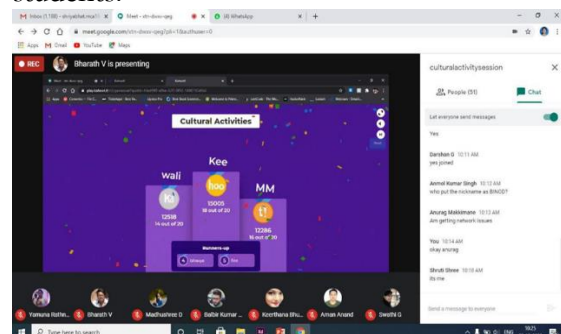
Information Security Officer, Canum Info Tech, Bengaluru.



Oct 02, 2020: Sri R V Raghavendra Rao, Placement Coordinator, Department of Computer Applications, along with Siva Rama Krishna M, Incharge, B.S. Narayan Centre For Advanced Learning and Software Development, conducted a webinar on “*Cross-Platform Mobile Application Development using Flutter*”, by Mr. Amit Srivastav, Brain Mentors Pvt Ltd., for MCA III and V Semester Students. 100 students attended this webinar.

Oct 06, 2020: Dr. D N Sujatha, Professor, Department of Computer Applications invited a Chief Guest for IEEE day 2020 and delivered a talk during this event, topic titled “*Staying Relevant with IEEE*” at Dayanand Sagar Academy of Technology and Management.

Oct 03, 2020: Cultural Club team of Computer Applications department conducted quiz on Indian Culture, Sports, Indoor Games, Classical Music and guessing the Original song and its movie name by hearing to the instrumental tune of that song for third and fifth semester of MCA students.

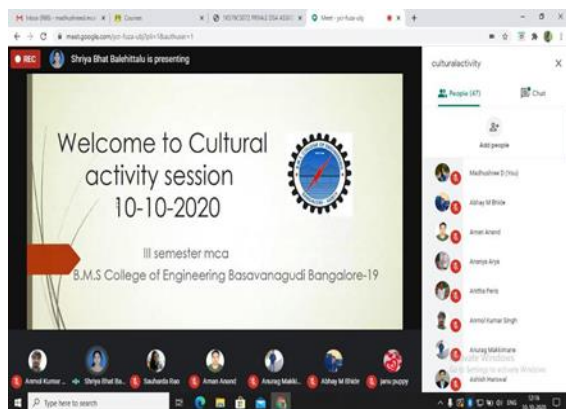




Oct 09, 2020: Dr. D N Sujatha, Professor, Department of Computer Applications involved in TS5: Disaster Mitigation, Preparedness, Response and Recovery and Industry Innovation and Infrastructure. Time: 11:00AM - 1:00PM.

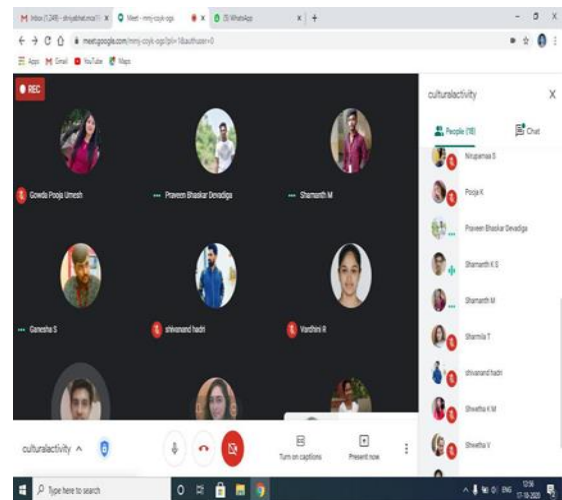
Oct 09, 2020: Dr. D N Sujatha, Professor, Department of Computer Applications invited as a Session chair for Students Humanitarian Technology Project (SHTP) Exhibition. Time: 2 to 5 PM.

Oct 09, 2020: Cultural Club team of Computer Applications department conducted activities based on Guessing the Celebrity name by watching their blurred Images, followed with identifying the song and the movie name by using their English Lyrical translation for MCA III and V Semester Students.



Oct 20, 2020: Dr. D N Sujatha, Professor, Department of Computer Applications was Guest of Honour and delivered a talk on "IEEE Student Branch Benefits & Opportunities" at Sharanabasava University.

Oct 17, 2020: Cultural Team of Computer Applications department conducted activities for MCA III and V Semester Students. The first activity was Guessing the movie name based on the Screenshot snaps of that movie scene, followed with Guessing the movie name based on the Screenshot snaps of that movie scene.

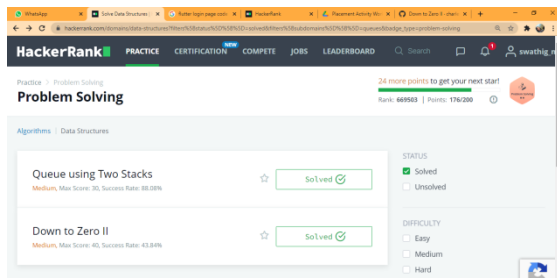


Oct 23, 2020: Dr. D N Sujatha, Professor, Department of Computer Applications was Guest of Honour and delivered a talk on "A Sneak Peak into the Right Practices of IEEE SB" at Navkis College of Engineering, Hassan.

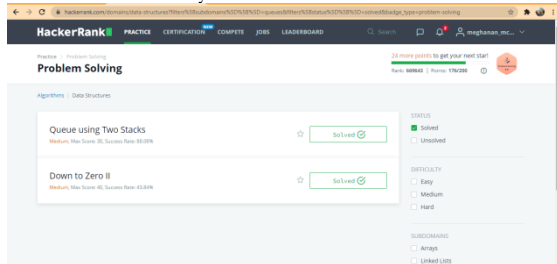
Nov 05, 2020: Dr. K Vijayakumar, Associate Professor & Head of Computer Applications department was invited to deliver a talk on "*Advanced concepts in classification*" during AICTE sponsored one week Short Term Training Programme on "Predictive Analytics using Artificial Intelligence (STTP-PAUAI)", NRI Institute of Technology, Agiripalli, Krishna district, Andhra Pradesh.

Nov 07, 2020: Department of Computer Applications in association with B.S. Narayan Centre For Advanced Learning and Software Development, coordinated a webinar on "*How is AI going to Change Marketing*", which was conducted by BirthVenue Pvt Ltd., This event was coordinated by Siva Rama Krishna M for third semester MCA students.

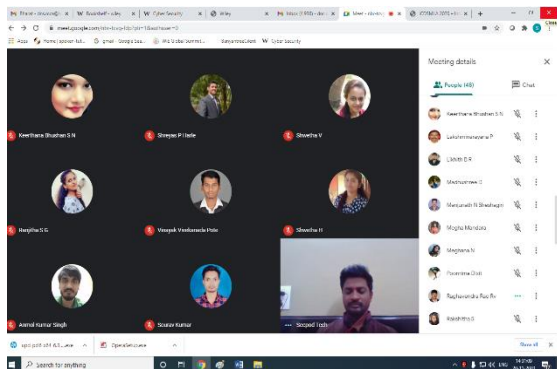
Nov 12, 2020: Placement Club, Computer Applications department conducted an activity for MCA students to acquire coding skills using Hackerrank. The Topic to work in Hackerrank was based on Queues, various uses of Queue's and its application.



Solutions shared by students



Nov 20, 2020: A webinar on "Cyber Security Threats, Vulnerabilities" was coordinated by Dr. D N Sujatha, Professor as a part of extension lecture series of Computer Applications department. Resource person was Mr. Bharath Kumar V (Alumni 2012 Batch), Senior Software Engineer, Secpod Technologies, Bengaluru.



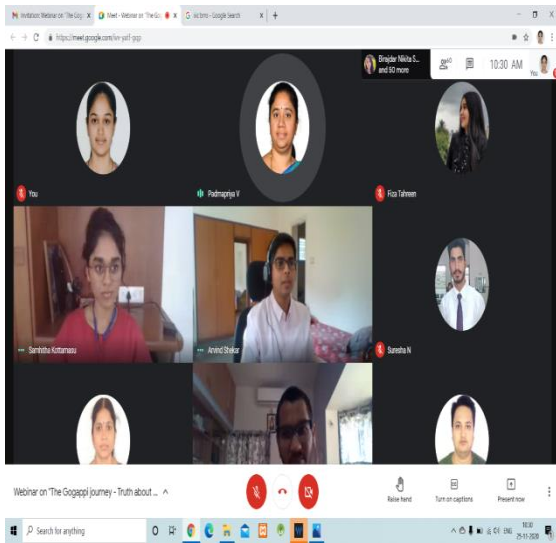
Nov 21, 2020: Smt. K P Shailaja, Asst. Professor, Department of Computer Applications, along with Siva Rama Krishna M, Incharge, B.S. Narayan Centre For Advanced Learning and Software Development, coordinated a webinar on "TESTFLIX", by Nikhil C for CSE, ISE and MCA Students.

Nov 21, 2020: Dr. D N Sujatha, Professor, Computer Applications department was invited as panellist for a panel discussion on

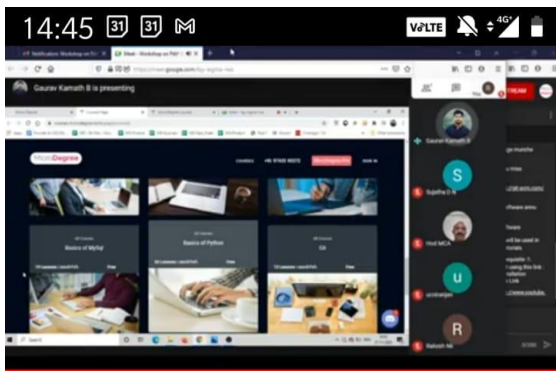
"Opportunities for Students in Pandemic Situation" of Nokia University Conclave -2020.



Nov 25, 2020: As part of Industry Institute Interaction Cell (IIIC) in association with the BMSCE- IEEE WiE-SB wing of Department of Computer Applications a webinar was organized on "The Gogappi journey - Truth about starting a company (and what they don't tell you)" for 3rd and 5th Semester students. This talk was delivered by Arvind Shekar, CTO, Arjun Ramesh, COO and Samhitha Kottamasu, CM/DO, who are the three young budding entrepreneurs and co-founders of Gogappi. This event was coordinated by Dr. S Uma and V Padmapriya.



Nov 27, 2020: Department of Computer Applications conducted hands on workshop on "Git and Github". This event was coordinated by Dr. D N Sujatha.



Live chat
Top chat 82

14:40 **MicroDegree ಕನ್ನಡ**
Pre-requisite :1. Requires Laptop2. Install Git using this link : <https://git-scm.com/>
Git Installation ಮಾಡುವುದು ಹೇಗೆ : YouTube Link

14:41 **MicroDegree ಕನ್ನಡ** https://www.youtube.com/watch?v=MmZ_6...



Welcome to live chat! Remember to guard your privacy and abide by our Community Guidelines.

LEARN MORE

Chat publicly as D N Sujatha...

MicroDegree

in association with

IEEE Mangalore Sub Section & IEEE Bangalore Section & Department of Computer Applications B.S. College of Engineering

WorkShop On
ಗಿಟ್ & ಗಿಟ್-ಹಬ್

Nov 27th, Friday | 2 : 30 - 4 : 00 PM

Visit : www.microdegree.work

ELEVATE & STARTUP KARNATAKA

MicroDegree is chosen among innovative startups by Government of Karnataka's flagship Elevate - Call2 Program

Nov 28, 2020: Sri. R V Raghavendra Rao, Asst. Professor, Department of Computer Applications, along with Siva Rama Krishna M, incharge, B.S. Narayan Centre For Advanced Learning and Software Development, coordinated a webinar on "How is Blockchain going to Change Marketing", which was conducted by BirthVenue Pvt Ltd., for MCA III Semester Students.

Dec 02, 2020: Mr. Shankru Guggari (1BM16PEJ19), Research Scholar virtually presented research topic on "Partitioning Based Decision Tree Techniques" for PhD defence, under the guidance of Dr. Umadevi V, Professor & Head of CSE Department & Dr. K. Vijayakumar. Associate Professor and Head of Computer Applications Department.

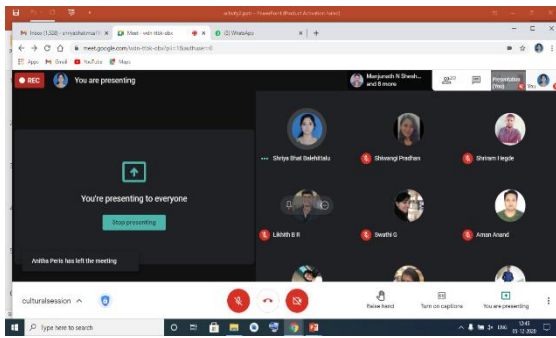
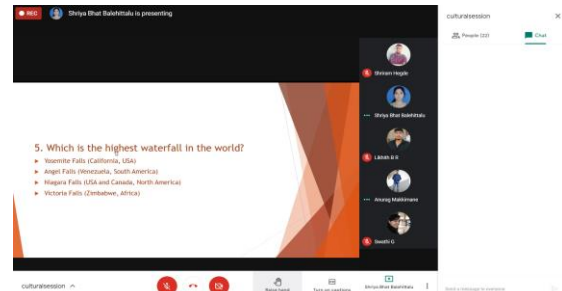
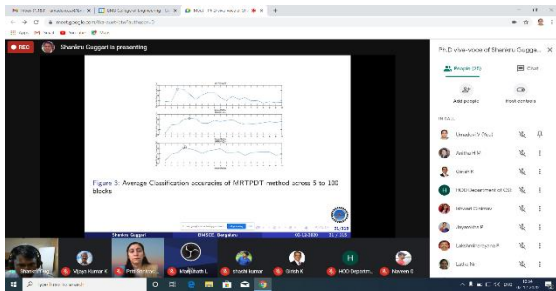
Shankru Guggari is presenting

Music Rhythm Tree based Partitioning Technique to Decision Tree Classifier (MRTPTD) - Proposed method 1

Figure 1: Visualization of the proposed method

Table 32: Recall, F score, and Precision values for DTBTP-CART and CART

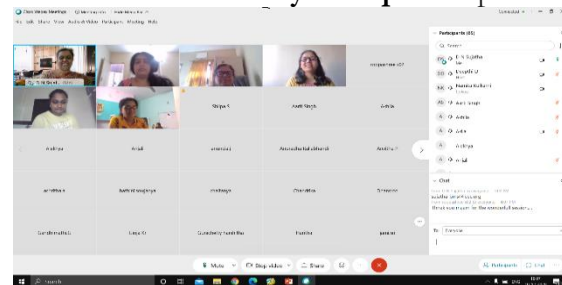
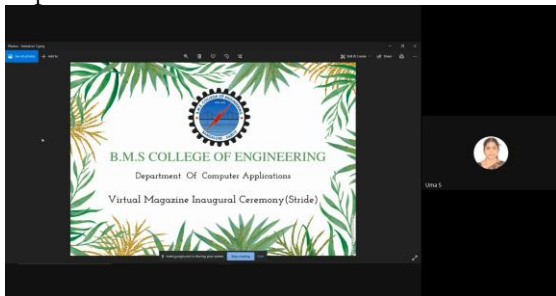
S.No/ Dataset	CART			DTBTP-CART		
	Precision	Recall	Fscore	Precision	Recall	Fscore
1. Breast Cancer	0.961	0.992	0.976	0.936	0.934	0.935
2. Parkinson disease	0.779	0.793	0.776	0.836	0.830	0.833
3. Vehicle3	0.857	0.870	0.863	0.829	0.780	0.804
4. Spambase	0.876	0.862	0.869	0.863	0.830	0.846
5. Online news neg.arity	0.876	0.846	0.861	0.816	0.810	0.813
Average	0.783	0.798	0.793	0.787	0.804	0.795



Dec 09, 2020: R V Raghavendra Rao, Ch. Ram Mohan Reddy, Harshith Jain(1BM17MCA19), Avanish Giri (1BM17MCA06) published a journal paper titled “Blockchain adoption in Crowdfunding - An Evaluation and Demonstration of Cryptobuddies Framework”, Volume 7, Issue 12, 2020 Manuscript ID: GSJ/2505 in GIS SCIENCE JOURNAL UGC-CARE Approved Group ‘II’ journal. ISSN NO: 1869-9391.

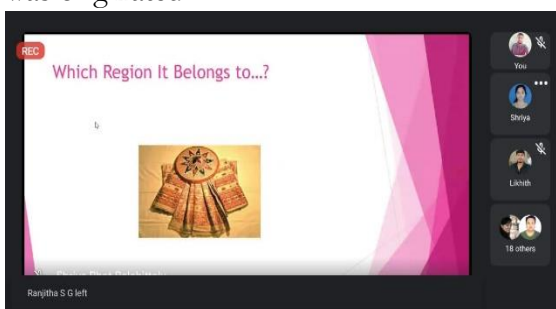
Dec 04, 2020: Department of Computer Applications conducted a Virtual Magazine Inaugural Ceremony to release the Students’ Magazine *Stride*. This Event was coordinated by Dr. S. Uma, Associate Professor of Computer Applications department.

Dec 10, 2020: Dr. D N Sujatha, Professor, Computer Applications department was invited to deliver a talk on "An Insight into IEEE & WiE Affinity Group" at Mphasis.



Dec 05, 2020: Cultural Team of Computer Applications department organized activities on Google Meet platform. This activity was based on *guessing the things for which region it belongs to* by looking at the picture. Participants can type the things name and they can guess from which Indian Region it was originated.

Dec 13, 2020: Dr. D N Sujatha, Professor, Computer Applications department is recipient of “IEEE India Council Outstanding Volunteer Award 2020 (>35 Years)”. This virtual event was hosted by Netaji Subhas University of Technology, New Delhi, for the exemplary services as outstanding volunteer to the Bangalore Section activities.

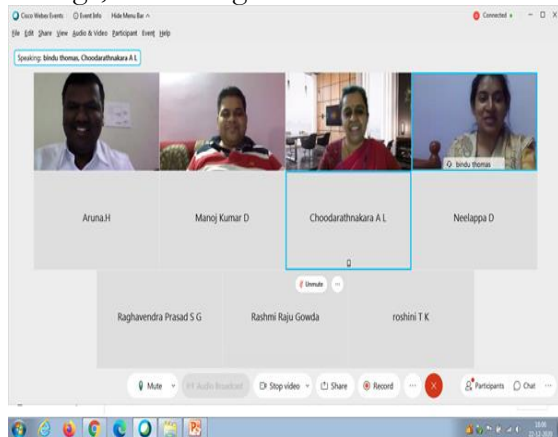




Dec 14, 2020: Rithvik K Joshi, First semester MCA student got selected to participate in “Online and On the Line: Democracy in the Age of Machine Intelligence”, a Winter School organised by Centre for Information Technology and Public Policy (CITAPP), International Institute of Information Technology Bangalore (IIITB).

Dec 17, 2020: An Invited talk on "*Semi supervised, Multiclass classification, Ensemble learning and other topics in classification*" was delivered by Dr. K Vijayakumar, Associate Professor & Head, department of Computer Applications. This event was organized by Department of Computer Science & Engineering, NRI Institute of Technology, Agiripalli, Krishna District, Andhra Pradesh, as a part of AICTE sponsored one week Short Term Training Programme on “*Predictive Analytics using Artificial Intelligence (STTP-PAUAI)*”.

Dec 22, 2020: Dr. D N Sujatha, Professor of Computer Applications department has given a webinar on "*IEEE Student Branch: Benefits and Opportunities*". This virtual event was hosted by Government Engineering College, Kushalnagara.



Dec 24, 2020: Mahesh M (1BF18MCA13), RohanR (1BF18MCA17), **V Padmapriya**, **D. N. Sujatha** presented a conference paper on "A Framework to Detect Hibiscus Flower using YOLOV3 and SSD Mobilenet", 2nd International Conference on Data Science, Machine Learning & Applications, 2020 (ICDSMLA-2020).

Faculty Coordinators for various events:

- **Dr. D N Sujatha**
(IIITB/IIT Kharagpur FDPs, BITES, VTU e-Shikshana & Workshop/ Invited Talks)
- **Dr. D N Sujatha, V Padmapriya**
(IEEE, IEEE- WiE SB)
- **Dr. S Uma**
(IIC Coordinator from MCA Dept.)
- **Raghavendra Rao R V & Siva Rama Krishna**
(Industrial visits)
- **Girish K**
(Entraprenurship Development Cell & Hackathon)
- **Dr. K Vijayakumar, Shankru Guggari**
(Data Analytics Lab activities)
- **P Lakshminarayana, Siva Rama Krishna**
(B.S. Narayan Centre For Advanced Learning and Software Development)
- **Shailaja K P**
(Phase-Shift, Extra Curricular & CoCurricular)
- **R V Raghavendra Rao**
(Placement Club Activities)
- **Shilpa S**
(Alumni Association & Extra Curricular)

Cover Page designed by :

Shashank S Matapathi
(1BM16MCA38)

Compiled & Documented by :

Pushpa T S