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# **REPORT ON COLLEGE ACTIVITIES – January 2019**

January 1, 2019: Faculty & students of 1<sup>st</sup> semester of Department of Computer Applications participated in the chorus singing of "Vandhe Matharam" and "O Nanna Chethana" in the mega event "Ananth Namana 2019" an event dedicated to pay tribute to Shri.Ananth Kumar and his contributions to the society organized by Adamya Chetana



**January 2, 2019:** Department of Physics in association with Tektronix organized One Day Workshop on "Materials Characterization"



**January 5, 2019:** 5<sup>th</sup> Meeting of the Sub Committee of BOG for TEQIP III to discuss activities of TEQIP III



January 6, 2019: Sri.Abhishek Appaji, faculty, Department of Medical Electronics was invited to present the activities of IEEE Young Professionals as part of Annual General Meeting held at Dayananda Sagar University, Bengaluru



**January 6, 2019:** Sri.Abhishek Appaji, faculty, Department of Medical Electronics was appointed as Chair of IEEE SIGHT Bangalore Section to manage the IEEE Humanitarian activities of Bangalore Section and its affiliated colleges





Autonomous Institute, Affiliated to VTU

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**January 9, 2019:** Sri.Abhishek Appaji, faculty, Department of Medical Electronics received award for outstanding service to COMSNETS 2019 at Chancery Pavilion Hotel, Bengaluru



January 10, 2019: Dr.B.V.Ravishankar, Principal and Dr.H.S.Jagadeesh, Professor, Department of Civil Engineering & Director, ICD participated in the Educational Fair held at Kuwait from January 10-14, 2019 to promote international admissions

**January 10, 2019:** The following faculty members of the Department of Electronics Engineering participated and presented research papers in the International Conference IEE - 2019 held at Chitkara University, Chandigarh from January 10-11, 2019:

- Smt.H.R.Archana and Smt.R.C.Radha presented paper titled "Robotics - A Practical Approach to groom Young Minds Towards Engineering Education"
- Smt.R.C.Radha and Smt.H.R.Archana presented paper titled "Virtual Labs - A Source of Inspiration for Experimental Learning"

- Smt.K.Pushpa and Smt.T.Sanjana presented paper titled "Simulation based Learning for Non-Integrated Course"
- Dr.K.R.Sudhindra presented paper titled "Industry Institute Interaction for the IOT Course"
- Smt.S.Lalitha and Smt.M.B.Veena presented paper titled "Self Study an Approach for Student centric learning in DSP Course"
- Smt.M.B.Veena and Smt.S.Lalitha presented paper titled "Visible Learning An approach using ICT tools"
- Sri.H.H.Surendra and Dr.K.Sudhindra presented paper titled "Learn by doing-Applications of Electronics –A student perspective"

January 10, 2019: Dr.P.Jayarekha, faculty, Department of Information Science & Engineering was invited for NBA MOCK Inspection under Tier-I by Hindustan Institute of Technology and Science (Deemed to be University), Chennai

**January 10, 2019:** The following students of 7<sup>th</sup> semester of Telecommunication Engineering under the guidance of Dr.Rajeshwari Hegde, faculty of the Department presented technical papers in the 3<sup>rd</sup> IEEE International Conference on Inventive Systems and Control held at Coimbotore:

 Mr.Hrushikesh Deshpande and Mr.Harsha Ramesh, presented paper titled "Comparison Study of Network Services"



Autonomous Institute, Affiliated to VTU

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- Ms.N.K.Akshatha, Ms.Harishree J Rai, Ms.M.K.Haritha, Ms.Rachita Ramesh presented paper titled "Tactile Internet: Next Generation IOT"
- Ms.S.P.Urvi Ajit Jere, Ms.Skanda, Ms.Sneha Bhat, Ms.Yashasvi R Machani and Ms.Uma Gouri presented paper titled "Operational Support Systems for Mobile Networks"
- Ms.N.Navya Shree, Ms.Sanchita Vishwa, Ms.Keertana Kamesh and Ms.Radhika Ravikumar presented paper titled "Security Challenges in Mobile Communication Networks"
- Ms.R.Nischitha, Mr.Abdul Ahad Momin, Ms.S.Aishwarya and Ms.H.Anagha Lakshmi presented paper titled "National Telecom Policy and their Impact on Indian Economy"
- Ms.Achala Bhandari, Mr.Adil, Ms.Jasmine Shrestha and Mr.Rushingwa Divin Ntwali presented paper titled "Evolution and growth of GSM in SAARC Countries"
- Ms.Sanchita Vishwa presented paper titled "Optimization of Network Processor Microarchitecture"

January 10, 2019: Smt.N.Prathibha, faculty, Department of Biotechnology in association with North east state institute twinning partner, Dr.Pebam M Singh from Dera Natung Government College, Itanagar and Dr. Yumkhaibam Premabati from. Jawahar Navodaya Vidyalaya, Doimukh workshops conducted series of "Outreach Workshop on Foldscope" as part of project sanctioned under DBT-Foldscope, Government of India, at Government Higher Primary School,

Bangarappanagar, R.R.Nagar, Orchard Public School, Konanakunte Cross and NMKRV College for Women, Jayanagar, Bengaluru from January 10-11, 2019



January 11, 2019: Dr.K.Guruprasad, Professor, Department of Mechanical Engineering & Principal, B.M.S. Evening College of Engineering was nominated as Member, NBA Expert Committee to visit the Colleges for evaluation from January 11-13, 2019

January 11, 2019: Dr.K.P.Lakshmi, Professor, Department of Electronics Engineering was nominated as Expert Member for the Local Inquiry Committee of Visvesvaraya Technological University, Belagavi for inspecting the Engineering Colleges at Mangaluru from January 11-12, 2019

January 11, 2019: Dr.M.N.Mamatha, faculty, Department of Electronics & Instrumentation Engineering published research paper titled "Visual feedback system for visually impaired using tACS- a proof of concept study" in the International Journal on Emerging Technologies and Innovative Research (JETIR), Vol 6, Issue 1, Jan 2019



Autonomous Institute, Affiliated to VTU

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**January 11, 2019:** Sri. Abhishek Appaji, faculty, Department of Medical Electronics was invited to chair COMSNETS 2019 NETHEALTH workshop held at Bengaluru



**January 11, 2019:** Students and Faculties of the Department of Medical Electronics presented the following research papers in the International Conference COMSNETS 2019 held at Bengaluru

- Ms.S.Adaikkammai, Mr.Manan Singhal, Ms.Evangeline Smita and Sri.Abhishek Appaji presented paper titled "Virtual Reality in Rehabilitating Amputees Suffering from Phantom Limb Pain"
- Mr.Vishruth Cavale, Mr.N.Dheeraj and Sri.Abhishek Appaji Manual presented paper "Digital Transition of Partogram in Labour - Existing Gaps and Solution"
- Ms.G.A.Shruti, Ms.B.N.Medha and Ms.Anvitha Rao, Sri.Abhishek Appaji presented paper "PRIMA- A device for minimally invasive breast cancer surgery"
- Ms.Ramya H Raghunandan and Mr.Mahabaleswara Ram Bhatt presented "Personalised Emotion Recognition Utilising Speech Signal and Linguistic Cues"

- Ms.Soumya Amrita Kirthi and Dr.H.N.Suma presented paper titled "Novel Evaluation Methodology for Machine Learning Algorithms through API Creation"
- Mr.Gahan Ganesh and Mr.Rahul Udupa presented paper titled "A Portable Color sensor based Urine Analysis system to detect Chronic Kidney Disease"



January 11, 2019: Dr.C.T.Puttaswamy, Professor & Head, Department of Chemical Engineering was invited to deliver a talk on "Roles and Responsibility of CPCB / KSPCB in E-Waste Management and its Compliance" in the National Symposium & Workshop on E-waste Management held at Global Academy of Technology, Bengaluru organized under the aegis of International Society of Waste Management, Air & Water in association with Bangalore Environment Trust





Autonomous Institute, Affiliated to VTU

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January 11, 2019: Department of Biotechnology in association with 3i Molecular Solutions and Healthcare Solutions Pvt., Ltd., organized Hands on Training workshop on "Multiplex real time PCR in association with 3I molecular solutions" sponsored by DBT, New Delhi, Star Scheme from January 11-14, 2019



January 12, 2019: Department of Mechanical Engineering organized Ph.D Viva Voce Examination in respect of Mr.N.R.Prabhu Swamy, faculty of the Department, under the guidance of Dr.S.Srinivas

**Title of the Thesis:** Surface Roughness Analysis of Al-SiC Metal Matrix Composite Cut by Abrasive Water Jet



**January 12, 2019:** Dr. Veena N Hegde, Head, Department of Electronics & Instrumentation Engineering and District

Chair - Student Affairs, ISA, presented about hackathon "GAMES AT SAIT-CALGARY, CANADA" an annual activity for international participation for ISA Student members, during ISA - District Level Council (DLC) meeting at Bengaluru from January 12-13, 2019



January 14, 2019: BMSCE NSS Unit in association with Department of Youth Empowerment and Sports, Government of Karnataka, State NSS Cell, Bengaluru and VTU NSS Cell organized State Republic Day Parade Camp - 2019 from January 14-26, 2019



Dr.G.Kalpana, I.A.S., Additional Chief Secretary to the Government of Karnataka, Youth Empowerment and Sports Department, Bengaluru visited the camp during the training and motivated the participants



Autonomous Institute, Affiliated to VTU

# **REPORT ON COLLEGE ACTIVITIES – January 2019**



Volunteers from more than 25 Universities across the state participated in the camp and performed Parade at Field Manekshaw Parade Ground, Bengaluru on Republic Day



Our State NSS Contingent received Second Prize for March-past conducted at Field Manekshaw Parade Ground, Bengaluru on Republic Day



**January 16, 2019:** Meeting of the College Council to discuss with regard to preparation for commencement of Even Semester (2018-19) and NBA Accreditation



January 17, 2019: Sri.S.Selva Kumar, faculty, Department of Computer Science & Engineering was invited to deliver a Guest Lecture on "Database System Concepts" by Jain University, Bengaluru



**January 17, 2019:** Dr.V.Chaitra, faculty, Department of Mathematics was invited as Resource Person to deliver a talk on "Graph Theory and its Applications" by St.Joseph College, Bengaluru



Autonomous Institute, Affiliated to VTU

#### **REPORT ON COLLEGE ACTIVITIES – January 2019**



January 18, 2019: Dr.B.V.Ravishankar, Principal was nominated as Expert Member for the Local Inquiry Committee of Visvesvaraya Technological University, Belagavi for inspecting the Engineering Colleges at Davanagere from January 18-19, 2019

**January 18, 2019:** Dr.K.R.Sudhindra, faculty, Department of Electronics Engineering was invited to deliver a talk on "Outcome Based Education" by S.J.C.I.T., Chikkaballapur



**January 18, 2019:** Mr.Paras Narendranath and Mr.Anurag, students of 6<sup>th</sup> semester Information Science & Engineering participated in the IBM Hackathon with the coordination of Dr.R.Roopa, faculty of the Department. The team's presentation was the best amongst the top ten teams



January 18, 2019: Dr.C.T.Puttaswamy, Professor & Head, Department of Chemical Engineering was invited to deliver a talk on "Environmental Management Plan Case Study - Major Industries - Tannery and Pharmaceutical Industry" by Bapuji Institute of Engineering and Technology, Davanagere in the three day Faculty Development Program on Recent Trends in Environmental Impact Assessment-Prospective and Procedures (RTEIA-PP)

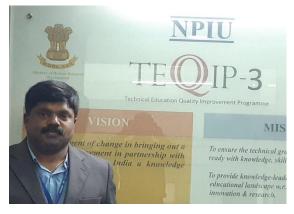


January 18, 2019: Dr.Ram Mohan Reddy, faculty, Department of Computer Applications was invited to attend TEQIP-III meeting at New Delhi to design and develop a customised ERP system for a group of technical institutes which functions similar to TEOIP-III



Autonomous Institute, Affiliated to VTU

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January 19, 2019: Mr.T.Harshith, student of Computer Applications acted in "Beedi Bimba Rangada Thumba" drama organized by Ashwagosha Theatre Trust at Prabath Kalapoornima, Bengaluru



**January 20, 2019:** Department of Civil Engineering organized Extensive Survey Camp at Melukote from January 20-27, 2019 for the students of 6<sup>th</sup> semester



**January 20, 2019:** BMSCE Cricket and Badminton staff teams participated in the 3<sup>rd</sup> Annual International Staff Tournament held from January 20-23, 2019 organized

by PES University, Bengaluru. Badminton veteran team secured Runners Up position



**January 21, 2019:** Dr.B.V.Ravishankar, Principal was invited to deliver lecture on "Ethics in Engineering Teachers" in the Three Day Workshop on "Outcome Based Education" by Sir.M.V.I.T., Bengaluru from January 21-23, 2019



**January 21, 2019:** Dr.S.M.Suresh, faculty, Department of Mechanical Engineering was nominated as Member, AICTE Expert Committee by AICTE South Central Region, Hyderabad from January 21-22, 2019

January 21, 2019: Dr.H.S.Guru Prasad, Professor, Department of Information Science & Engineering and Dean (Student Affairs) was invited to deliver lectures in the Three Day Workshop on "Outcome Based Education" by Sir.MVIT, Bengaluru from January 21-23, 2019



Autonomous Institute, Affiliated to VTU

# **REPORT ON COLLEGE ACTIVITIES – January 2019**



January 21, 2019: Sri.Abhishek Appaji, faculty, Department of Medical Electronics was invited to conduct workshop on "Technical Writing and Publishing" for the Masters students of Computer Science & Engineering by U.V.C.E., Bengaluru



January 21, 2019: Dr.Gurumurthy Hegde, Associate Professor & Prof.CNR Rao Chair, B.S.N. Centre for Nanomaterials and Displays was invited as External Advisory Member for the presentation of the proposal titled "Modified Carbon Substrates for Electrocatalytic Oxidation of selected Heterocyclic Alcohols" in respect of Research Scholar, Ms.Aqnus T Mathew by Christ University

January 23, 2019: Dr.M.Dakshayini, Professor & Head, Department of Information Science & Engineering published research paper titled "Efficient task allocation approach using genetic

algorithm for cloud environment" in Springer Journal "Cluster Computing: The Journal of Networks, Software Tools and Applications" ISSN:1386-7857(print) 1573-7543(Online)", SCI indexed with H Index 31, IF 1.6

January 23, 2019: Dr.B.R.Shambhavi, faculty, Department of Information Science & Engineering published research paper titled "Changing Banking Business Model Using Sentiment Analysis" in the International Journal of Computer Sciences and Engineering (UGC approved), Vol.7, Issue.1, pp.291-295, 2019

January 24, 2019: Department of Mechanical Engineering participated in IMTEX-2019 exhibition held at BIEC, Bengaluru from January 24-30, 2019. Few faculty members of the department represented in the exhibition. The participation enriched industry collaborations in the field of Design and Manufacturing field



**January 24, 2019:** Sri.Abhishek Appaji, faculty, Department of Medical Electronics was invited to deliver a talk on "How to write a paper and research Grants" by S.J.B. I.T., Bengaluru



Autonomous Institute, Affiliated to VTU

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January 24, 2019: Dr.Gurumurthy Hegde, Associate Professor & Prof.CNR Rao Chair, B.S.N. Centre for Nanomaterials and Displays was invited to deliver Guest Lecture on "How To write Research Papers and Review" by S.J.B. Institute of Technology in conjunction with their National Workshop



January 25, 2019: Meeting with Steering Committee of NAAC Cycle-II, HODs and Departmental coordinators to discuss with regard to preparation for NAAC Accreditation



**January 25, 2019:** Dr.S.M.Suresh, faculty, Department of Mechanical Engineering was nominated as Member, Standing Appeal Committee by JNTU, Hyderabad

January 25, 2019: Department of Information Science & Engineering organized Pre-Ph.D Colloquium in respect of Research Scholar Mr.Balaji Prabhu under the guidance of Dr.M Dakshayini, Professor & Head of the Department



January 25, 2019: Sri.Abhishek Appaji, faculty, Department of Medical Electronics was invited to deliver a talk on "Future Technologies" by K.L.E. Institute of Technology, Hubbali



**January 25, 2019:** Sri. Abhishek Appaji, faculty, Department of Medical Electronics was invited to deliver a talk on "Industry Revolution 4.0" by S.D.M. Institute of Technology, Dharwad



Autonomous Institute, Affiliated to VTU

# **REPORT ON COLLEGE ACTIVITIES – January 2019**



**January 26, 2019:** Republic Day Celebration



January 26, 2019: Department Electrical Engineering in association with National Institute Technology, of Tiruchirappalli, Tamil Nadu organized Two "IoT and Home Days' Workshop on with Home Automation Automation Kits" from January 26-27, 2019



**January 27, 2019:** Dr.L.Ravikumar, Professor, Department of Mechanical Engineering was invited for TEQIP-III

Project Progress review meeting by B.E.C., Bagalkot from January 27-28, 2019

January 27, 2019: Sri.Abhishek Appaji, faculty, Department of Medical Electronics was nominated as IEEE Power and Energy Society Execom Member of Bangalore Chapter and attended the AGM in Bengaluru



January 28, 2019: Dr.S.M.Suresh, faculty, Department of Mechanical Engineering was nominated as Member, Standing Appeal Committee by AICTE Regional Office, Trivandrum

January 28, 2019: The following faculty and research scholar of the Department of Chemistry, presented research papers in the International Conference on Nanoscience and Nanotechnology (ICONN 2019) organized by SRM IST-India from January 28-30, January

- Dr.K.L.Nagashree, presented paper titled "Solution Combustion Sythesis of Nickel-Cobalt Sulphide for Electrocatalytic Hydrogen Evolution in Acid Medium"
- Ms.K.N.Nithyayini presented paper (oral presentation) titled "Electrochemical detection of nitrite at mechanochemically synthesised NiFe<sub>2</sub>O<sub>4</sub> nanoparticles"



Autonomous Institute, Affiliated to VTU

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January 29, 2019: Live Web telecast of the programme "Pariksha Pe Charcha" addressed by Hon'ble Prime Minister of India, Sri.Narendra Modi was arranged in all the departments and Indoor Stadium





January 29, 2019: Dr.P.Prasanna Kumar, Professor & Head, Department of Civil Engineering was nominated as Expert Member for the Local Inquiry Committee of Visvesvaraya Technological University, Belagavi for inspecting the Engineering Colleges at Karwar and Bhatkal from January 29-30, 2019

January 29, 2019: Dr.Gurumurthy Hegde, Associate Professor & Prof.CNR Rao Chair, B.S.N. Centre for Nanomaterials and Displays was invited as an External Examiner for the Ph.D defense of Ms.Jayanthi Banerjee by Jain University on the topic "Theoretical Study of Liquid Crystals in Porous Media"



**January 30, 2019:** On the occasion of Martyrs Day, BMSCE NCC Unit organized Blood Donation Camp and Candle Light March on Martyrs Day by BMSCE NCC Students





January 30, 2019: Dr.M.Dakshayini, Professor & Head, Department of Information Science & Engineering was invited as Expert Member for the Doctoral Committee Meeting by B.N.M.I.T., Bengaluru





Autonomous Institute, Affiliated to VTU

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January 30, 2019: Department of Physics organized a Guest Lecture on "Opportunities and Challenges in Higher Education". The lecture was delivered by Dr.A.L.Roy, Department of Physics and Materials Science, City University of Hong Kong, Hong Kong



January 30, 2019: Dr.M.V.Murugendrappa, Head, Department of Physics was invited to organize a Guest Lecture on "From Artificial Brain to real time sensing devices" by Dr.A.L.Roy, Department of Physics and Materials Science, City University of Hong Kong, Hong Kong by B.M.S. College for Women, Bengaluru



January 31, 2019: Alp Consulting Ltd, subsidiary of Outsourcing Inc. Tokyo, visited the campus and addressed the faculty with regard to employability opportunities at Japan



January 31, 2019: Sri.K.Y.Chethana, Dr.Y.S.Rammohan, Sri.M.G.Patil and Sri.Lokesh C Reddy, faculty, Department of Mechanical Engineering published research paper titled "Influence of MWCNT addition on mechanical properties of density graded E-glass fiber reinforced polyester resin composites" in the AIP Conference Proceedings 2057, 020040(2019)

January 31, 2019: Dr.Rudra Naik, Professor, Department of Mechanical Engineering submitted R&D Project titled "Optimization of Heat and Mass Exchanger used in the Indirect Evaporative cooling system working on Maisotsenko Cycle". The proposal has been approved by the Empowerment and Equity Opportunities for Excellence in Science (SERB), New Delhi and grant of Rs.22.00 lakhs has been sanctioned

January 31, 2019: Dr.Y.S.Rammohan, Department faculty, of Mechanical Engineering was invited to conduct Academic Audit Mechanical of Engineering Department by J.S.S. Academy Technical of Education, Bengaluru



Autonomous Institute, Affiliated to VTU

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January 31, 2019: Dr.K.Veerabhadrappa, faculty, Department of Mechanical Engineering has been awarded Doctor of Philosophy (PhD) degree by the Jawaharlal Nehru Technological University, Hyderabad

**Title of the thesis:** "Analysis and Optimisation of Heat Exchangers"

**January 31, 2019**: Department of Telecommunication Engineering and Placement Cell in association with Oracle organized One Day Workshop on "Oracle Cloud Day for Engineering students"



January 31, 2019: The research paper titled "Geometrically uniform differential signalling for MISO/MIMO channels using optimized PM codebook" authored by Dr.Prerana G Poddar, faculty, Department of Electronics Engineering is now published as a book chapter in "Advances in Signal Processing and Intelligent"

Recognition Systems, by Springer Nature, Switzerland"

January 31, 2019: Sri.Abhishek Appaji, faculty, Department of Medical Electronics was invited to present the progress of BIRAC-SRISTI funded project on "Device for Intrapartum Maternal Fetal Care" held at IIM Ahmedabad, Gujarat



January 31, 2019: Dr.S.Jayanthi, Professor, Department of Mathematics & Dean (First Year) published research paper titled "Effect of Variable Viscosity on Marangoni Convection Boundary Layer Flow of Nanofluid in the Pressence of Mixed Convection" in the Journal of Nanofluids, Vol.8, No.4, pp: 845-851, January 2019

January 31, 2019: Dr.T.N.Vishalakshi, faculty, Department of Mathematics published research paper titled "Non-linear Time-Dependent Convection of Flow through Sparsely packed Porous Layer with Gravity Modulation" in the Journal of Emerging Technologies and Innovative Research (JETIR), Vol.6, Issue: 01, pp: 671-681, ISSN: 2349-5162, January 2019

January 31, 2019: Dr.G.Chandrashekara, faculty, Department of Mathematics Published research paper titled "Effect of Electric and Magnetic Fields on the Growth Rate of Kelvin-Helmholtz Instability in the



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

#### **REPORT ON COLLEGE ACTIVITIES – January 2019**

Special Topics & Reviews in Porous Media" in the International Journal, Vol. 10, Issu: 02, pp: 143-154, January 2019

January 31, 2019: Dr.Gurumurthy Hegde, Associate Professor & Prof.CNR Rao Chair, B.S.N. Centre for Nanomaterials and Displays was appointed as an Editorial Board Member of the Web of Science journal named Journal of Nanostructure in Chemistry published by Springer

January 31, 2019: Dr.Gurumurthy Hegde, Associate Professor & Prof.CNR Rao Chair, B.S.N. Centre for Nanomaterials and Displays was invited to deliver Guest Talk on "Shape Anisotropic Advanced Materials for Nano-aligning the Liquid Crystals" by M.S.Ramaiah Institute of Technology in conjunction with their Faculty Development Programme on Recent Advances in nanotechnology for a sustainable world-2018

