

**FACULTY
ACHIEVEMENTS**

2021

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Faculties received R&D Project Funding
through TEQIP.

Sl. no	FACULTY NAME	TITLE OF THE R&D PROJECT	AMOUNT RECEIVED
1	Dr. Maligi Anantha Sunil, Asst. Professor	“Efficiency enhancement of solar cells using photo-alignment technique” under Centre of Excellence in Advanced Materials Research through TEQIP III.	Rs.2,25,000/-
2	Mrs. Bhavana H.T, Asst. Professor	“Opto-electrical studies of Al-Doped ZnO thin - films for photovoltaic applications” under Centre of Excellence in Advanced Materials Research through TEQIP III.	Rs.1,10,000/-
3	Dr. K. P. Lakshmi, Professor	“ Fabrication and Characterization of Thin Films for Sensors, NV Memory and Waveguide Applications” under Centre of Excellence in Advanced Materials Research through TEQIP III.	Rs.1,24,700/-
4	Dr. Kiran Bailey & Prof. K. Sujatha – ECE, Dr. Srinidhi – Dept. of chemistry	“Investigation of Gas Sensor Properties of substituted Spinel Ferrite Gas Sensors” under Centre of Excellence in Advanced Materials Research through TEQIP III.	Rs.69,000/-
5	Mrs. Sanjana T, Asst. Professor,	"Studies on electrical and optical properties of Cu ₂ O thin films for solar cell applications”, under Centre of Excellence in Advanced Materials Research through TEQIP III.	Rs. 1,05,000/-

Faculties invited for session chairs

Faculties invited for Session chair

- 1 Dr. Rajath Vasudevamurthy, Asst. Prof. was invited to **chair** two sessions at the “**IEEE Cloud Computing in Emerging Markets Pre-Conference Workshop**” for the following two talks "Engineering Trust for Confidential Data Sharing & Analytics for Future Smart Cities" and "Cloud Computing for Climate Action" were delivered respectively by Prof. Bharadwaj Amrutur, Chairman, Robert Bosch Centre for CPS, IISc and Kshitij Purwar, Co-founder & CTO, Blue Sky Analytics.
- 2 Dr. Rajath Vasudevamurthy, faculty Mentor ISCB **chaired a talk** titled "**Pathway to Professional Excellence**" delivered by Mr. Anilkumar Dinker Pandit, Engineering Educator & Chartered Engineer organised by the IUCEE Student Chapter at BMSCE (ISCB).
- 3 Mrs. Shachi P, Asst. Professor, was a part of organizing committee and served as a **Technical Program Co-Chair** for “3rd IEEE PhD Colloquium on **Ethically Driven Innovation & Technology for Society (EDITS)**”.
- 4 Dr. Poornima G, Assoc. Professor was invited to **chair** “**Computer Network and Security**” session of the 16th International Conference on Information Processing organized by Computing Professional Charitable Trust and University Visvesvaraya College of Engineering, Bangalore University, Bengaluru.

Faculties invited for Publications Chair

1

Dr. Rajath Vasudevamurthy, Asst. Prof. was invited to serve as the **Publications Chair** for the **10th edition of the IEEE International Conference on Cloud Computing in Emerging Markets (CCEM) 2021** through virtual mode hosted from New Jersey, USA.

Faculties received awards/ recognitions /
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- 1 Dr. Suma M N, Dr. Geetishree Mishra, Mrs. Shachi P, Faculties, along with Mr. Priyanshu M and Mr. Venkatesh Subramanya Iyer Giri students of 7th semester ECE stood in **Second position in 2021 edition of the International Telecommunication Union (ITU) AI/ML in 5G Challenge** for the problem statement on **“RF LINK FAILURE PREDICTION MODELLING”** .
- 2 Mrs. Sanjana T, Asst. Professor presented a paper titled **“Touch free operated Face shield cum mask for Multifaceted Applications - Vasthram Kavacham”** and won **Best Paper award** in the **“International Conference on Intelligent Robotics, Mechatronics and Automation Systems”** organized by Vellore Institute of Technology, Chennai.

Faculty interaction with the outside world

Faculty interaction with the outside world

- 1 Dr. Rajath Vasudevamurthy, Asst. Prof., was invited by the Department of State Educational Research and Training (DSERT) to contribute to a position paper on “Knowledge of India”.
- 2 Dr. Rajath Vasudevamurthy, Asst. Prof., presented the institutional report on the status of “Problem Based Learning” implemented by BMSCE at the IUCEE First Mini-Symposium on Problem and Project Based Learning held online.
- 3 Dr. Rajath Vasudevamurthy, Asst. Prof., was invited to attend a meeting of researchers organized by IKS (Indian Knowledge Systems) division of the Higher Education department of MoE, the meeting highlighted the financial support available for Colleges, Universities and other Institutions interested in the study, research and promotion of IKS and the event was hosted by The Center of Ancient History and Culture of JAIN (deemed-to-be) University, Bengaluru.
- 4 Dr. Seshachalam, Professor., was invited as “Subject Matter Expert” in Selection Committee for Faculty Promotion organized by Nitte Meenakshi Institute of Technology Bengaluru through online mode.
- 5 Dr. Arathi R Shankar, Professor, was invited as one of the “Panellist” for Industry Academia Discussion on 5G technology, Industry 4.0 and Cloud AI/ML organized by NOKIA University Conclave 2021 in association with BMSCE and NOKIA networks, Bangalore.
- 6 Dr. K P Lakshmi, Professor, was the Event moderator for the panel discussion “Accelerate 2021” organized by IIC-BMSCE in Collaboration with International Society of Automation, BMSCE.

Faculties invited as resource persons to deliver
Talks / Expert lectures.

SL. NO	FACULTY	ACHIEVEMENTS
1	Dr. R Jayagowri, Assoc. Prof.	Invited resource person to deliver a talk on “ Test Power Reduction for Recent IC Technology ” for one week Faculty Development Program on Emerging Trends in Electronics, Communication and Networking Technologies conducted by Sree Vidyanikethan Engineering College (Autonomous), Tirupati, Andhrapradesh.
2	Dr. Geetishree Mishra, Asst. Prof.	Delivered a talk on “ Natural Language Processing Techniques and Applications ” at a National summit organized by Checked IT in association with Microsoft Innovations, Seds Antarikhsh and IEEE Bangalore section.
3	Dr. Nagabhushana B.S, Professor.	Invited as a resource person in AICTE Training and Learning (ATAL) Academy online elementary Faculty Development Program (FDP) on “Smart City Solution for Sustainable Future” organized by BMS College of Engineering.
4	Dr. Sudhindra K.R, Assoc. Prof.	Invited to deliver a talk on “ Radio Standards for 5G Technology ” at AICTE Training and Learning (ATAL) Academy online elementary Faculty Development Program (FDP) on “5G Technology” organized by Department of ISE, BMS College of Engineering, Bangalore.
5	Dr. Rajanikanth K N	Delivered a talk (online mode) on “ Power of Reinforcement Learning ” in an eight day National summit on Artificial Intelligence: Disrupting the Disruptors conducted by CHECKED IT in collaboration with Educhecked, Vitrendz, Microsoft Innovations club, and the IEEE BMSCE Student branch.

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6	Dr. Rajath Vasudevamurthy, Asst. Prof.	Invited as a resource person to deliver a talk on “ Indian Knowledge System ” at the Student Induction Program through online mode organized by Babu Banarasi Das Engineering College, Lucknow.
7	Dr. K P Lakshmi, Professor.	Invited as an expert speaker for a two day workshop titled “ World of Sensors ” in IEEE Bangalore Section Sensor Council Chapter. This workshop focused on topics addressing the cutting-edge trends within the theme of “ Women in Sensors ” hosted by BMSCE – IEEE - PES and Sensors Council in collaboration with IEEE MSRIT Student Branch.
8	Mrs. Bhavana H T, Asst. Prof.	Invited resource person to conduct a workshop on “ Design of MEMS Sensors and Actuation using COMSOL Multiphysics ” in the “ World of Sensors ” a 2 day online symposium on sensors hosted by BMSCE IEEE PES and Sensors Council in collaboration IEEE MSRIT Student Branch.
9	Dr. Poornima G, Assoc. Prof.	Invited to deliver a talk on “ Discovering Your Career ” in the Mentorship Program conducted by Freedom Employability Academy, New Delhi on December 28, 2021.
10	Dr. Rajath Vasudevamurthy, Asst. Prof.	Invited as a resource person to deliver online sessions on “ Indian Intellectual Heritage ” at the Student Induction Program held at R.V. Institute of Technology and Management, Bengaluru.

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11	Dr. Seshachalam, Professor	Invited as resource person to deliver a talk on “Quality Question Paper Setting” in STC on Teaching Learning Process to Enhance Program Outcomes organized by National Institute of Technical Teachers Training and Research(NITTTR) Chandigarh through Online mode.
12	Dr. Sudhindra K R, Assoc. Prof.	Delivered a talk through WebEx platform on “Radio Standards for IOT” under the theme “Beyond -5G and IOT: Human-Machine Communication” organized by IEEE ComSoc School Series Bangalore Edition.
13	Dr. Sudhindra K R, Assoc. Prof.	Invited as guest speaker to deliver a talk on “5G-Green Communication and Networks Deployment in Smart Cities” in a 5 days Online Faculty Development Program sponsored by ATAL Academy, New Delhi, organized by Dept. of Electronics and Communication Engineering, Acharya institute of Technology, Bengaluru.
14	Dr. Rajath Vasudevamurthy, Asst. Prof.	Invited as a resource person to deliver a talk on the topic “History of Science” at the Online Student Induction Program for first year B.E. students organized by Babu Banarasi Das Engineering College, Lucknow through zoom application.
15	Dr. Maligi Anantha Sunil, Asst. Prof.	Invited to deliver a talk on “Thin film Technology: From an Engineering Perspective” sponsored by AICTE a 2-week Online Short Term Training Programme on " Design and Structural Evolution of Advanced Functional Materials Suitable for Engineering Applications" Organized by Department of Electronics and Instrumentation Engineering and Centre for Nano Science and Technology (CNST), Vignan Jyothi Institute of Engineering & Technology, Hyderabad, Telangana State.

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16	Dr K. P. Lakshmi, Professor	Delivered a talk on “ Chalcogenide for Biomedical Applications ” during a 1-week seminar series on “ Advance materials for Biomedical Applications ” organized by Department of Medical Electronics, BMSCE.
17	Dr. Geetishree Mishra, Asst.Prof.	Invited as the resource person to deliver a talk on “ Data Analytics using Artificial Intelligence and Machine learning ” in one week Faculty Development Program organized by Dept. Of ECE, HKBK College of Engineering, Nagawara, Bangalore.
18	Dr. Veena M B, Assoc. Prof.	Invited as guest speaker to deliver a talk on “ Overview on Underwater Communication ” for a webinar organized by Nagarjuna College of Engineering Technology, Bangalore,
19	Dr. Seshachalam D, Professor.	Invited as a resource person to deliver a talk on “ Outcome Based Education NBA Accreditation ” organized by TEQIP-III through online at LBS Institute of Technology for Women, Thiruvananthapuram, Kerala.
20	Dr. Seshachalam D, Professor.	Invited as resource person to deliver a talk on “ More insight in to Program Outcomes ” Sponsored by AICTE Margadarshan an Online FDP on “ Outcome Based Education ” at National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh.

	FACULTY	ACHIEVEMENTS
21	Dr.Sudhindra.K.R, Assoc. Prof.	Invited as guest speaker to deliver a talk on “IoT and its applications - Case study based approach”, organized by Dept. of Telecommunication Engineering, R. V. College of Engg., Bengaluru.
22	Dr.Sudhindra.K.R, Assoc. Prof.	Delivered a talk on "Signal processing for IOT" at IEEE Sponsored one week Online workshop on "Signal Processing and Applications“ Under the IEEE RVCE Signal Processing Student Chapter at RVCE, Bangalore.
23	Dr.Sudhindra.K.R, Assoc. Prof.	Delivered a talk on "Radio Standards and Architectural challenges from 4G to 5G" in Online FDP on "5G green communication and Network" sponsored by ATAL Academy-AICTE organized by dept of ECE, Acharya Institute of Technology, Bangalore.
24	Dr. Seshachalam. D, Professor.	Invited resource person to deliver a talk on writing “Program Educational Objectives” sponsored by AICTE Margadarshan an Online FDP on “Outcome Based Education and Research Methodologies” at Gokaraju Rangaraju Institute of Engineering and Technology (GRIET),Hyderabad.