

# BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT (Autonomous Under VTU)

## Faculty Achievements

1. Dr. C. Kavitha attended VGST-Interaction meeting on 29<sup>th</sup> April 2022 and VGST/KSTePS staff members visited our Advanced Materials Research lab at BMSIT on May 2022.



2. Invited Talk on **Graphene: The wonder material for future disruptive innovations** by Dr. C. Kavitha for 5 – Days FDP on Science of New Age Materials for Advanced Technological Applications conducted by Acharya Institute of Technology.



**ACHARYA INSTITUTE OF TECHNOLOGY**  
Acharya Dr. Sarvepalli Radhakrishnan Road, Soldevanahalli, Hesaraghatta Main Road, Bengaluru- 560107

Department of Chemistry

### Certificate of Appreciation

This certificate is presented to

**Dr. Kavitha C., BMSIT, Bangalore, India**

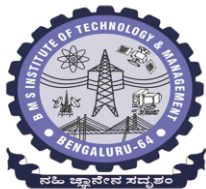
for being a resource person in the Five-day FDP on **"Science of New-Age Materials for Advanced Technological Applications"** held from 25th to 29th April-2022, organized by the Department of Chemistry, AIT, Bengaluru-560107.

Prof. Shwetha R  
HOD - Dept of Chemistry

Dr. Harish M.N.K.  
Convener

Prof. Marigowda C.K.  
Vice-Principal, AIT

Dr. Rajath Hegde M.M.  
Principal AIT



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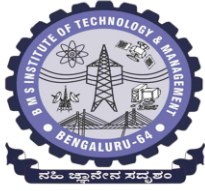
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3. Dr. C. Kavitha conducted VTU-Pre-Ph.D viva voce for her interdisciplinary chemistry student on 18<sup>th</sup> March 2022.



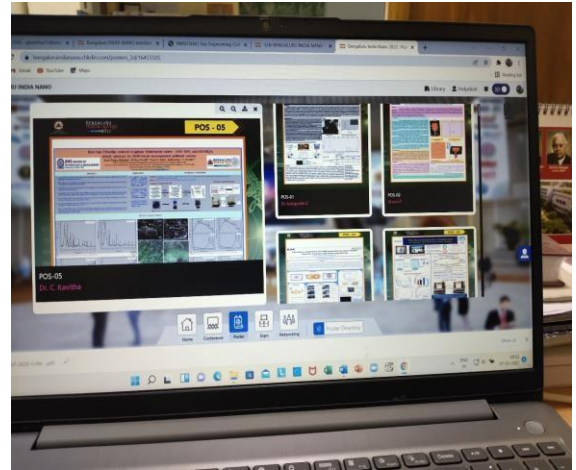
4. Dr. C. Kavitha, reviewed RSC advances article, New Journal of Chemistry with high impact factor journals on April and May 2022.

- Dr. Basvaraj R B Reviewed the manuscript entitled "Charge-compensated  $\text{CaSr}_2(\text{VO}_4)_2:\text{Sm}^{3+}$  phosphor via alkali metal ( $\text{Li}^+$ ,  $\text{Na}^+$ ,  $\text{K}^+$ ) ions: synthesis, photoluminescence properties, and multifunctional applications" from Physica B: Condensed Matter on 6th January 2022.
- Dr. Basvaraj R B Reviewed the manuscript entitled "2,2'-Bipyridine Based Fluorinated b-Diketonate  $\text{Eu}(\text{III})$  Complexes as Red Emitter for Display Applications" Inorganic Chemistry Communications" on 22nd January 2022.
- Dr. Daruka Prasad acts as member of BOE of Manipal University and JNTU Ananthapur.
- Dr. R. Lokesh acts as BOE member for Physics Board VTU, Belagavi
- Dr. Dhananjaya's two VTU students have got ph.D awarded this year 2022.
- Dr. R. Lokesh and Dr. Yashaswini act as BOE member of autonomous BMSIT&M.
- All faculties of Physics department act as Utsaha Techno Festival Coordinators, 2022.



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5. Dr. C. Kavitha attended virtual Bangalore-India Nano-22 conference on 7-8 March 2022 along with student and presented a virtual interactive Poster.



3. Dr. C. Kavitha Received **outstanding women scientist award** in Materials Science at VIWA-2022, International Women Conference at Green Park, Chennai on 5<sup>th</sup> March 2022.



4. Dr. C. Kavitha received **VGST-K-FIST-L2** sponsored project worth Rs. 20 Lacs by VGST-GOK for the year 2022-2025 and it was announced on august 2021.

5. Dr. C.

Kavitha invited to



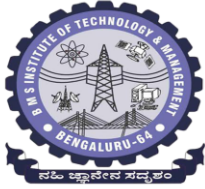
**ಕರ್ನಾಟಕದ ಉನ್ನತ ಶಿಕ್ಷಣ ಸಂಸ್ಥೆಗಳಲ್ಲಿ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನದ ಮೂಲ ಸೌಕರ್ಯೋದ್ಧಾರಕ್ಕಾಗಿ ನಿಧಿ**  
**Karnataka Fund for Infrastructure Strengthening in Science and Technology in Higher Educational Institutions (K-FIST / L2)**  
 GRD No: 937 - Efficiency improvement of Ultra-capacitor using Binary Metal Oxide Nano composites. Sanctioned year: 2021

ಸಹಾಯಕಿಯರಾಗಿ: \_\_\_\_\_ Supported by:

ಕರ್ನಾಟಕದ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಪ್ರೋತ್ಸಾಹಕ ಸೊಸೈಟಿ (ಕೆಸ್ಪಿಎಸ್)  
 ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹ  
**Karnataka Science and Technology Promotion Society (KSTePS)**  
**Vision Group on Science and Technology (VGST)**

ವಿದ್ಯುನ್ಮಾನ, ಮಾಹಿತಿ ತಂತ್ರಜ್ಞಾನ, ಜೈವಿಕ ತಂತ್ರಜ್ಞಾನ ಹಾಗೂ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಇಲಾಖೆ, ಕರ್ನಾಟಕ ಸರ್ಕಾರ  
**Dept. of Electronics, Information Technology, Biotechnology and Science & Technology**  
**Government of Karnataka**

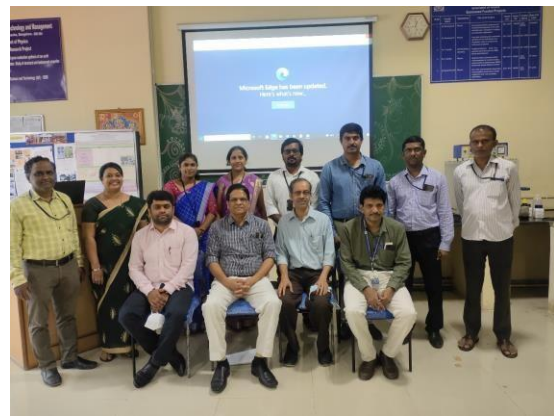




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attend Bangalore –Tech Summit inaugural function which was held on 17<sup>th</sup> Nov 2021.

- All faculties of Physics department were acting as BOS member to design curriculum for autonomous engineering physics and lab syllabus on 12 Oct 2021.



- Dr. Basavaraju has been recognized as one of the top 2% Indian Researcher survey carried by standford university.

Indian Researchers in Stanford University's Top 2% Most Influential Scientists List for the Year 2020				
Name	Affiliation	World Rank	India Rank	Subject Rank (World)
Basavaraj, R. B	BMS Institute of Technology and Management	421174	3216	5366

**Insights2Techinfo**  
A Platform for Researchers and Technology Enthusiasts

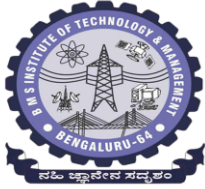
Indian Researchers in Stanford University's Top 2% Scientists List for the Year 2020

**Indian Researchers in Stanford University's Top 2% Scientists List for the Year 2020**

The results of a recent research performed by academics from [Stanford University](#) published a comprehensive list that identified the Top 2% most influential scientists worldwide based on the [Scopus](#) publications impact [1]. The report was prepared by [Prof. John P. Loewig](#) of Stanford University and his team [2] and published by Elsevier. Total 3352 Indian researchers found a place in this list that represents the valuable impact of India on the global research platform. Most of the researchers in this list are from the leading universities like [IITs](#), [IISc](#), and [IISER](#), etc. [3-8]. Figure 1 represents the top 2% most Influential Scientists with respect to the different universities from India (only the universities where the number of researchers is more than 20 are shown here).

- Dr. C. Kavitha developed Covid 19 innovative product called " UV-C light based Dry sterilizer and Sanitizer to disinfect all type of Viruses and Bacteria for non-wettable items like currencies, groceries, electronic gadgets, bags, watches, N-95 masks etc. Sept 2020

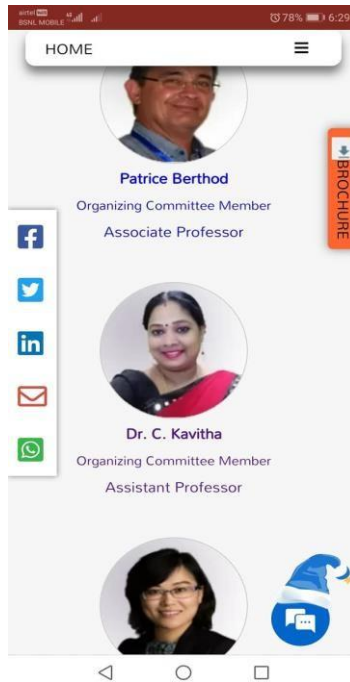




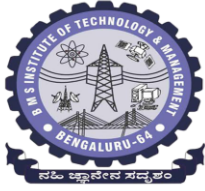
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9. Dr. C. Kavitha is invited by University of Lorraine, Vandoeuvre-Lès-Nancy, France to act as Editorial Board Member of the Journal of Material Science and Technology Research Aug(2020).
10. Dr. C. Kavitha is invited as organizing committee member and editorial member for the journal of international conference on material science exhibition and engineering will be conducted at Seol, South Korea. June 2020.



11. Dr. C. Kavitha, Dr.Dhananjay, Dr.Daruka Prasad have been invited to act as a Co-Session Chair for international conference on Accelerating Innovations in Material Sciences (AIMS-2020) organized by chemistry department.
12. Dr. C. Kavitha, Presented a paper on " A review on reduced graphene oxide hybrid nano composites for prominent applications" for international conference on Accelerating Innovations in Material Sciences (AIMS-2020) organized by chemistry department.
4. Dr.Dhananjaya, Dr. C. Kavitha, Dr.Lokesh, Dr.Daruka Prasad, Dr.Basavaraju, Mrs.Yashaswinin have been acted as resource Person for Open Course and FDP organized by our department (2020)
5. Dr. Daruka Prasad B, has extended his support as a resource person for the webinar on "powder X-ray Diffraction- A powerful tool for the characterization of nanomaterials at SaiVidya Institute of Technology, Bangalore (2020).
6. Dr. Dhananjaya. N constantly reviewing RSC, Elsevier, Springer journals (2020) 6. Dr.Daruka Prasad, Dr.Basavaraju are constantly reviewing Elsevier reputed journals (2020).
7. We are happy to share that our FDP inauguration program and the information about the FDP (2020) was appeared at Jammu and Kashmir News links. The link is as below: <http://www.jammulinksnews.com/mb/newsdet.aspx?q=228315>
8. Dr. C. Kavitha is invited to attend 11<sup>th</sup> Bangalore India Nano 2020 curtain raiser event and international conferences 2-4 March, 2020.



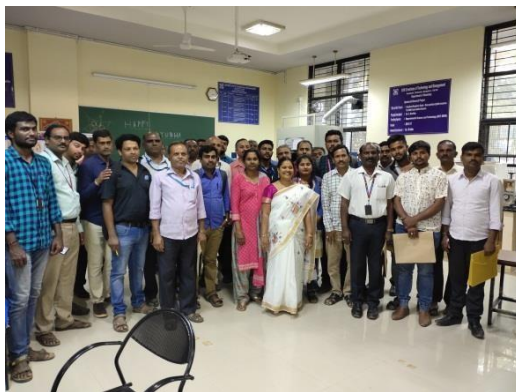
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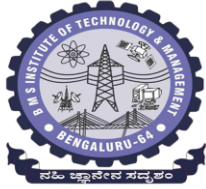
9. Dr. Dhananjaya along with first year engineering students are invited to attend Nano Jatra event conducted by CeNS, Bangalore, 28<sup>th</sup> Feb 2020



10. Dr. C. Kavitha acted as a resource person for 4 days staff development program on Material Testing and measurement techniques organized by Mech dept, BMSIT&M, Bangalore Jan 2020



11. Dr. C. Kavitha is invited to attend Industry-academic interaction Organized by NMR centre, IISc and JEOL scientific company, Japan. Thanks to eminent NMR Prof. Surya Prakash for inviting us to attend this wonderful workshop. Dec-2019.



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12. One of Dr. C. Kavitha's first author Materials Today research articles have been cited by very high impact factor **Nature: Scientific Reports.2019.**

