



JSS MAHAVIDYAPEETHA

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(Autonomous, NAAC 'A' grade CGPA 3.21 and College with Potential for Excellence)

OOTY ROAD, MYSURU-570 025, KARNATAKA

UG Departments of Physics & Electronics

ONE-DAY STATE LEVEL SEMINAR

ON

MATERIAL SCIENCE AND ITS RECENT APPLICATIONS

An IQAC Initiative

9th FEBRUARY 2023

10.00 - 10.30 am

With the Blessings of His Holiness Jagadguru

Sri Shivarathri Deshikendra Mahaswamiji

Jagadguru Sri Veerasimhasana Mahasamsthana Math, Suttur Srikshethra

Inauguration

Dr. K. M Eshwarappa

Associate Professor

DOS in Physics, Davanagere University

Davanagere

President

Prof. B.V. Sambashivaiah

Chief Executive

Guest of Honour

Prof. M. P. Vijayendrakumar

Principal

Venue: Golden Jubilee Hall

All are Welcome

Dr. L. Vinaykumar & Prof. T V Latha
Conveners

Mr. Jagadish B
Organizing Secretary

PROGRAMME

9.00 am	Registration	Golden Jubilee Hall
10.00 am	Inauguration	Golden Jubilee Hall
10.30 am	Key note address	Dr. K. M Eshwarappa Associate Professor Department of Physics, Davanagere University, Davanagere
11.30 am	Tea Break	
12.00 noon	Session - I Topic: Material Science Synthesis and Characterization	Mr. Madhusudhana R Assistant Professor Department of chemicals & Petrochemicals CIPET, Mysuru
1.00-2.00 pm	Lunch Break	
2.30 pm	Session - II Topic: Bioinspired Nanomaterials for Energy and Environmental sustainability	Dr. Shankramma K Assistant Professor Division of Nanoscience & Technology JSS AHER, Mysuru
3.30 pm	Concluding Session	

All are Cordially welcome





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09.02.2023

For favour of publication

“Seminar on Material Science and its recent Applications is the need of the hour”

Dr. K M Eshwarappa

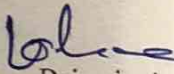
The undergraduate Departments of Physics and Electronics of JSS College of Arts, Commerce and Science, Ooty road, Mysuru-25 conducted one day State Level seminar on **“MATERIALS SCIENCE AND ITS RECENT APPLICATIONS”** in the Golden Jubilee Hall on 09.02.2023. The programme was inaugurated by Dr. K M Eshwarappa, Associate Professor, Department of Studies in Physics, Davangere University, Davanagere. In his keynote address, Prof. Eshwarappa explained the importance understanding the fundamental behavior of material in order to optimize properties of existing materials through structure modification and processing to design and invent new and better materials. He continued saying that the seminars of this type provide opportunities for students to learn science in the context of real-world applications. He also highlighted the emerging applications of materials.

In his Presidential speech, Prof. B.V. Sambashivaiah, Chief Executive of the College said that in 21st century, the field of Materials Science & Engineering is evolving dramatically. Continuing his speech, he opined that the earlier concept of materials has broadened in recent years to include semiconductors and soft materials. With this evolution, current research projects span multiple materials classes and build on expertise in many different fields

Kum.Rekhashree of final year B.Sc rendered the invocation. Mr.Karthik G. of Physics Department welcomed the guests and others. Mr.Jagadish B, the organising secretary of the Seminar highlighted the aims and objectives of the Seminar. Mrs.Preethi B S of Physics department proposed vote of thanks. Mrs. Lakshmi S compeered the program. Principal of the college Prof. M P Vijayendrakumar and conveners of the seminar Dr.L Vinay Kumar and Smt. T V Latha were present.

Two Technical Sessions were held following the inaugural programme. In the first technical session, Mr.Madhusudana R from Department of Chemicals and Petrochemicals, CIPET, Mysore delivered a lecture on **“Material Science Synthesis and Characterization”**.

In the second technical session Dr. Shankaramma K from Division of Nano Science and technology, JSS AHER, Mysore addressed on "Bio-inspired Nanomaterials for Energy and Environmental Sustainability". The day long programme was attended by the teachers and students of JSS and other First Grade Colleges from Mysuru and other districts numbering more than 250.



Principal

PRINCIPAL

JSS College of Arts, Commerce

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To

The Editor

ಶ್ರೀವಾಣಿ 10-2-2023

'ವಸ್ತು ವಿಜ್ಞಾನ: ಸಂಶೋಧನೆ ಹೆಜ್ಜೆ'

ರಾಜ್ಯಮಟ್ಟದ ವಿಚಾರ ಸಂಕಿರಣದಲ್ಲಿ ಡಾ.ಕೆ.ಎಂ.ಈಶ್ವರಪ್ಪ ಅಭಿಮತ

ಪ್ರಜಾವಾಣಿ ವಾರ್ತೆ

ಮೈಸೂರು: 'ವಸ್ತು ವಿಜ್ಞಾನ ವಿಷಯದ ಮೇಲೆ ಹೆಚ್ಚಿನ ಸಂಶೋಧನೆಗಳು ನಡೆಯಬೇಕು' ಎಂದು ದಾವಣಗೆರೆ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಭೌತ ವಿಜ್ಞಾನ ಅಧ್ಯಯನ ವಿಭಾಗದ ಸಹ ಪ್ರಾಧ್ಯಾಪಕ ಡಾ.ಕೆ.ಎಂ.ಈಶ್ವರಪ್ಪ ಹೇಳಿದರು.

ಇಲ್ಲಿನ ಊಟಿ ರಸ್ತೆಯ ಜೆಎಸ್‌ಎಸ್ ಕಲಾ, ವಾಣಿಜ್ಯ ಮತ್ತು ವಿಜ್ಞಾನ ಕಾಲೇಜಿನ ಸ್ನಾತಕ ಭೌತವಿಜ್ಞಾನ ಮತ್ತು ಎಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ವಿಭಾಗಗಳ ಸಹಯೋಗದಲ್ಲಿ 'ವಸ್ತು ವಿಜ್ಞಾನ ಹಾಗೂ ಇತ್ತೀಚಿನ ತಂತ್ರಾಂಶಗಳು' ವಿಷಯ ಕುರಿತು ಗುರುವಾರ ಆಯೋಜಿಸಿದ್ದ ರಾಜ್ಯಮಟ್ಟದ ವಿಚಾರ ಸಂಕಿರಣವನ್ನು ಉದ್ಘಾಟಿಸಿ ಅವರು ಮಾತನಾಡಿದರು.

'ಹೊಸ ವಸ್ತುಗಳ ಅಭಿವಿಭಾಗದಲ್ಲಿ ಪ್ರಸ್ತುತವಿರುವ ವಸ್ತುಗಳ ಮೂಲ ಗುಣಲಕ್ಷಣಗಳು ಹೇಗೆ ಬದಲಾವಣೆ ಹೊಂದುತ್ತವೆ ಎಂಬುದನ್ನು ಅಧ್ಯಯನ ಮಾಡಬೇಕು. ಈ ನಿಟ್ಟಿನಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಅರಿವು ಮೂಡಿಸಲು ಇಂತಹ ವಿಚಾರ ಸಂಕಿರಣಗಳು ಸಹಕಾರಿಯಾಗಿವೆ' ಎಂದರು. ಅಧ್ಯಕ್ಷತೆ ವಹಿಸಿದ್ದ ಕಾಲೇಜಿನ



ಮೈಸೂರಿನ ಜೆಎಸ್‌ಎಸ್ ಕಲಾ, ವಾಣಿಜ್ಯ ಮತ್ತು ವಿಜ್ಞಾನ ಕಾಲೇಜಿನಲ್ಲಿ ಗುರುವಾರ ನಡೆದ ವಿಚಾರ ಸಂಕಿರಣವನ್ನು ಡಾ.ಕೆ.ಎಂ.ಈಶ್ವರಪ್ಪ ಉದ್ಘಾಟಿಸಿದರು

ಮುಖ್ಯ ಕಾರ್ಯ ನಿರ್ವಾಹಕ ಪ್ರೊ. ಬಿ.ವಿ.ಸಾಂಬಶಿವಯ್ಯ ಮಾತನಾಡಿ, '21ನೇ ಶತಮಾನದಲ್ಲಿ ವಸ್ತು ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನವು ಬಹು ವೇಗವಾಗಿ ಹೊರಹೊಮ್ಮುತ್ತಿದೆ. ಆದ್ದರಿಂದ ಮೂಲ ವಸ್ತು ವಿಜ್ಞಾನದ ಪರಿಕಲ್ಪನೆಯೊಂದಿಗೆ ಇತ್ತೀಚಿನ ಬೆಳವಣಿಗೆಗಳ ವಿಕಾಸದ ಜ್ಞಾನ ಅಭಿವೃದ್ಧಿ ಆವಶ್ಯವಾಗಿದೆ. ಇದು ವಿವಿಧ

ಕ್ಷೇತ್ರಗಳಲ್ಲಿನ ಬೆಳವಣಿಗೆಗೂ ಸಹಕಾರಿಯಾಗಿದೆ' ಎಂದು ಹೇಳಿದರು. ಭೌತವಿಜ್ಞಾನ ವಿಭಾಗದ ಅಧ್ಯಾಪಕ ಜಿ.ಕಾರ್ತಿಕ್, ವಿಚಾರ ಸಂಕಿರಣದ ಸಂಘಟನಾ ಕಾರ್ಯದರ್ಶಿ ಬಿ.ಜಗದೀಶ್, ಕಾಲೇಜಿನ ಪ್ರಾಚಾರ್ಯ ಪ್ರೊ.ಎಂ.ಪಿ.ವಿಜಯೇಂದ್ರ ಕುಮಾರ್ ಹಾಗೂ ಸಂಚಾಲಕರಾದ ಡಾ.ಎಲ್. ವಿನಯ್ ಕುಮಾರ್ ಮತ್ತು ಟಿ.ವಿ.ಲತಾ

ಇದ್ದರು. ನಂತರ ನಡೆದ ತಾಂತ್ರಿಕ ಗೋಷ್ಠಿಯಲ್ಲಿ ಸಿವಿಪಿಇಟಿಯ ಆರ್. ಮಧುಸೂದನ ವಸ್ತು ವಿಜ್ಞಾನ ಸಂಶೋಧನೆ ಮತ್ತು ಗುಣಲಕ್ಷಣಗಳ ಬಗ್ಗೆ ಉಪನ್ಯಾಸ ನೀಡಿದರು. 2ನೇ ಗೋಷ್ಠಿಯಲ್ಲಿ ಜೆಎಸ್‌ಎಸ್ ಎಎಚ್‌ಆರ್‌ನ ಡಾ.ಕೆ.ಶಂಕರಮ್ಮ ವಿಚಾರ ಮಂಡಿಸಿದರು.

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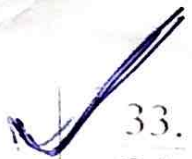
ONE DAY STATE LEVEL SEMINAR ON MATERIAL SCIENCE AND ITS RECENT APPLICATIONS

DATE: 09-02-2023

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