



NEWSLETTER

VOL 5 ISSUE 1

(JULY 2023- DEC 2023)

ISSUE HIGHLIGHTS: HEALTHCARE CAMPS, PLACEMENTS, PAPER PUBLICATION, FACULTY ACHEIVEMENTS, STUDENT SECTION, 1ST YEAR CO-CURRICULAR ACTIVITY, LAB JOURNEY .

HEALTHCARE CAMPS

A Talk and discussion was held in July on the topic: PCOD/PCOS and Breast cancer. Dr Sonal Shauff and Dr. Poonam Nevalkar interacted with the staff and answered their queries. More than fifty female staff members attended the talk.



A detailed eye checkup camp for the students staff and their families is going on in association with Anandam Netraya Indore. More than two hundred people have taken benefit of this in the said time.



A talk was organized on Train One Save One wherein basic survival actions to be taken in case of emergency medical help and CPR procedure was demonstrated by Dr Alok Jain.

Bone Density checkup camp was organized in month of September in collaboration with Indian orthopedic association.



PLACEMENTS AND INTERNSHIP

BME students proved their merit in Placements in Core and IT Companies and higher studies competitive exam (GATE/GRE/ CAT). Top four placement grabbers of BME, Ashley Lamaniya, Bhakti Shirwadkar, Pavitra Rai got placed in a leading Tech company, ConsultAdd, Mona Shah got internship and PPO from Medtronics. The major internships avenues were IIT INDORE, IIT BOMBAY, JOHNS HOPKINS UNIVERSITY, Sciencetech technology, Robotronixs. These stats confirm the employability and skill set of BME graduates, emphasizing the fact that Biomedical Engineering Curriculum is in sync with the current market trends. The BME department makes continuous efforts to impart skill set relevant to present and future job market requirement.

PAPER PUBLICATIONS

- Jain, A. et al. (2023) 'Advanced automation of Janu Dhara and Janu Basti process in ayurveda', International Journal of Health Technology and Innovation, 2(02), pp. 28-31. doi:10.60142/ijhti.v2i02.05.
- Nidhi Goel, Avni Jain, Vibha Bhatnagar, "Evaluation of a Blood Extractor for Enhanced Blood Processing", International Journal of Science and Research (IJSR), Volume 12 Issue 6, June 2023, pp. 1885-1887.

FACULTY ACHEIVEMENTS

FACULTY DEVELOPMENT PROGRAM

- Mrs. Vibha Bhatnagar attended STTP on Emerging trends and challenges in biomechanics and Biomaterials, 25th -July -30th , July, 2023 organized by NIT, RAIPUR.
- Ms. Gauri Gupta attended STTP on Emerging trends and challenges in biomechanics and Biomaterials, 25th -July -30th , July, 2023 organized by NIT, RAIPUR.
- Mrs. Avni Jain attended faculty induction programme (GURUDAKSHTA), Jun-July, 2023 organized by HRDC, DAVV.

FACULTY ENROLLED FOR PHD IN 2023

Mrs. Avni Jain: Biomedical Signal Processing, IIT Indore

Mr. Sunny Ganavdia: Biomedical Image Processing, IIT Indore

STUDENT SECTION

BME STUDENTS CLICHD TOP POSITIONS IN VARIOUS EVENTS

Pranjal Singh

- Represented M.P. at national level University Judo Games
- Gold medalist in judo state level [RGPV] 2023

Sheetal sharma

- Team champion all india inter university men and women Malkhamb Championship 2023
- Second position in nodal level intercollege championship program

Anushka Jariya

- Runnerup in intercollege RGPV yoga competition October, 2023
- Runnerup in Nodal RGPV Gymnastics competition held in Ujjain , November 2023
- Winner in Nodal RGPV yoga Competition held in Gwalior, November 2023

Richa Mandal

- Malkham State in 2023

Shekh Sabausabeel

- Runner Up Volleyball Nodal, 2023
- Gold in discus throw , RGPV, Bhopal, 2023

Aradhya Sharma

- Second position in “Dwandh : the ROBO War in SGSITS Robotic Club
- Third prize for best design report for SAEISS autonomous drone development, KCGCT Chennai

1ST YEAR CO-CURRICULAR ACTIVITY

The induction program and Co-curricular activity for first-year BME students, was designed to build peer learning environment:

Book Reading-Week 1: List of motivational books were shared with students to encourage them read book.

Animation and Photogrphay - Week 2: Students were encouraged to express their ideas through animations and photos.

Art and Craft - Week 3: Students were engaged in nostalgic craft activities to connect to childhood memories.

Group discussion - Week 4: To promote and develop communication, critical thinking and listening skills.

Yoga - Week 5: Students were introduced to yoga and mindful breathing so as to practise for mental well being.



KNOW YOUR LAB

INTERNET OF THINGS LAB



The Internet of Things (IoT) Lab serve as dynamic space for hands-on experience to understand basic concepts of IoT. The lab is well equipped with IOT Hardware such as sensors, development board, wireless modules and IoT Platforms such as MATLAB or open source software (ThingsBoard.io).The integration of IoT technologies in biomedical engineering has revolutionized the healthcare landscape by enhancing patient monitoring, diagnostics, and treatment methodologies. IoT devices, such as wearable sensors and smart medical implants, enable continuous and real-time tracking of physiological parameters, providing healthcare professionals with valuable data for personalized and proactive patient care. The lab throughly prepares students for demade of healthcare startup's.

FORBIDDEN KINDNESS

In this world of all kaleidoscopic people and places,
There exists immense Struggle that we all face.
Let's not blame and shame each other,
Instead, let's be their mental Supporter.
There are hurdles which every heart finds,
while following the destiny it craves
During night.
To every dreamer reading this, each day we fight within. for the dreams our heart seeking.
So, let's unhold the grudges in our mind And make this world more beautiful just by being kind.

- ANUSHA JARIYA,

3rd Yr BME STUDENT

VALUABLE CONTRIBUTORS

Dr. P.P. Bansod (HOD), Mrs. Vibha Bhatnagar (Prof In-charge), Ms. Gauri Gupta(Editor in chief), Mrs. Avni Jain (Executive Editor), Mrs. Maya Makwana (Managing Editor)