



AI CHRONICLES

ISSUE 6 • MARCH 2026

Unfolding the Journey of Minds and Machines



MARCHING FORWARD

VOICES OF STRENGTH: CELEBRATING WOMEN'S EXCELLENCE

International Women's Day, celebrated on **March 8th**, is a global occasion to recognize and honor the achievements, resilience, and contributions of women across all spheres of life. It serves as a powerful reminder of the progress made toward gender equality, while also highlighting the journey that still lies ahead.

This March edition of our newsletter is dedicated to celebrating the spirit of womanhood—acknowledging the inspiring stories, remarkable accomplishments, and invaluable roles women play in shaping our society, community, and future. From education and innovation to leadership and creativity, women continue to break barriers and redefine possibilities.

Let us take this opportunity to appreciate, support, and empower the women around us, and collectively strive toward a more inclusive and equitable world.

CONTRIBUTIONS OF WOMEN IN AI & MACHINE LEARNING

Women have played a transformative role in shaping the field of Artificial Intelligence and Machine Learning, contributing groundbreaking ideas, research, and innovations that continue to influence modern technology.

Ada Lovelace

Often regarded as the world's first programmer, her early vision of computing laid the conceptual foundation for modern algorithms and intelligent systems.

Grace Hopper

A pioneer in programming languages, she developed early compilers, making computers more accessible—an essential step toward AI development.

Fei-Fei Li

A leading figure in AI, she co-created ImageNet, a massive dataset that revolutionized deep learning and computer vision.

Cynthia Breazeal

Known for her work in social robotics, she advanced human-robot interaction, bringing emotional intelligence into AI systems.

Timnit Gebru

A prominent voice in ethical AI, she highlighted biases in machine learning models and advocated for fairness and accountability in AI systems.



CELEBRATING THE WOMEN OF OUR DEPARTMENT

Behind every successful department is a team of dedicated and inspiring women who contribute tirelessly toward academic excellence, student development, and smooth functioning of daily activities.

Teaching faculty:

- **Dr. Bharati M. Reshmi** - A visionary leader and dedicated academician, known for her commitment to excellence in AI & ML, inspiring students and faculty alike through her guidance, innovation, and passion for research and learning.
- **Prof. Jayasheela D. Kallaganiger** - A pillar of strength, known for her supportive nature and unwavering commitment; truly our “Algorithm Lady” who inspires logical thinking and clarity.
- **Prof. Lakshmi P. Kolur** - Bold, energetic, and approachable; her friendly and supportive attitude creates a positive and motivating environment for everyone.
- **Prof. Laxmi M. Muttappanavar** - Highly committed, sincere, and always punctual; the driving force behind department as our “Newsletter Lady” and “Timetable Lady.”
- **Prof. Anita G Kori** - Gentle and sensitive at heart, with an obedient and disciplined approach that reflects dedication and grace.

Supporting Staff:

- **Manjula Singanagutti** - Bold and outspoken; her energetic presence keeps the environment lively and active.
- **Shashikala S. Kolli** - Quiet yet bold; her calm nature reflects inner strength and reliability.
- **Gangamma Bilagi** - Known for her neatness and cleanliness; she ensures a well-maintained and pleasant workspace.



The department witnessed a vibrant and impactful month filled with innovation, achievements, and collaboration.

The **BEC Wave 3.0 Hackathon** Saga brought together enthusiastic minds, encouraging students to showcase their creativity and problem-solving abilities. Our students continued to shine as Rising Stars, delivering remarkable project outcomes and demonstrating technical excellence.

The faculty members, our true Pillars of Excellence, achieved significant milestones in academics and research, while also actively participating in Faculty Development Programs, reflecting their commitment to continuous learning and professional growth. A major highlight of the month was the Dawn of Innovation with the successful inauguration of the IoT Lab and Computer Vision Lab, creating new opportunities for hands-on learning and advanced research.

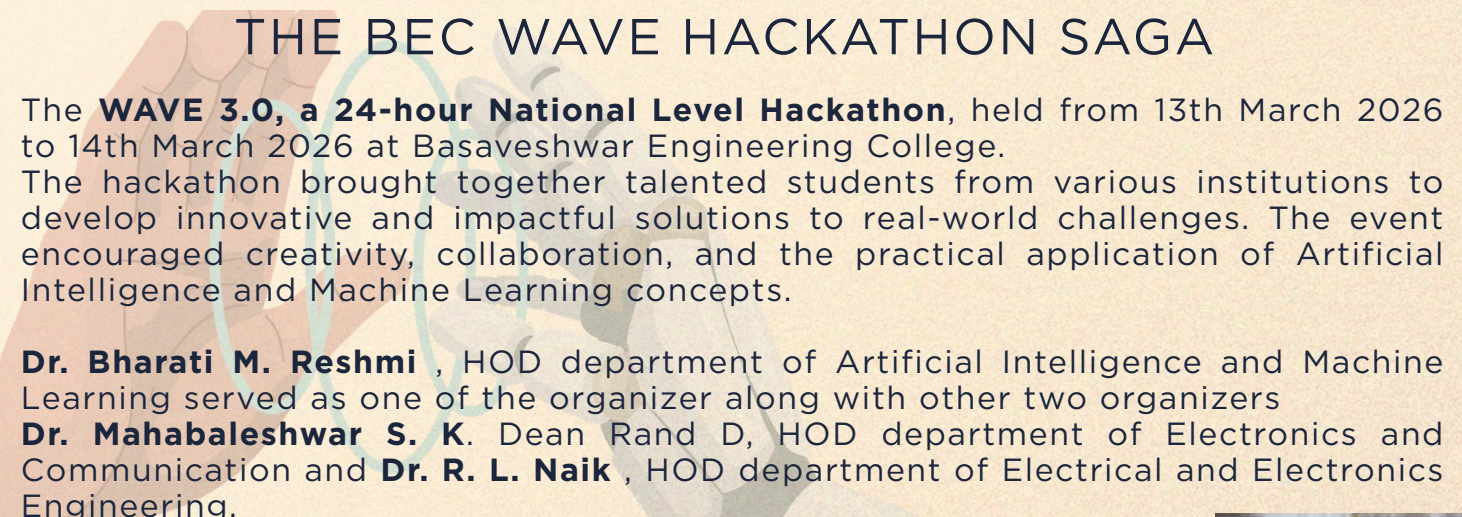
Adding to the spirit of togetherness, the department captured memorable moments during the Framing Memories photo shoot, celebrating unity and team spirit. The release of February Reflections showcased these achievements and milestones, documenting the department's journey.

Overall, the month stood as a testament to the department's dedication towards innovation, excellence, and inclusive growth.



BEHIND EVERY SUCCESSFUL SOCIETY,
THERE IS A **POWERFUL WOMAN.**





THE BEC WAVE HACKATHON SAGA

The **WAVE 3.0, a 24-hour National Level Hackathon**, held from 13th March 2026 to 14th March 2026 at Basaveshwar Engineering College.

The hackathon brought together talented students from various institutions to develop innovative and impactful solutions to real-world challenges. The event encouraged creativity, collaboration, and the practical application of Artificial Intelligence and Machine Learning concepts.

Dr. Bharati M. Reshmi , HOD department of Artificial Intelligence and Machine Learning served as one of the organizer along with other two organizers **Dr. Mahabaleshwar S. K.** Dean Rand D, HOD department of Electronics and Communication and **Dr. R. L. Naik** , HOD department of Electrical and Electronics Engineering.

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Dr. Mahabaleshwar S. K. Dean Rand D, HOD department of Electronics and Communication and **Dr. R. L. Naik** , HOD department of Electrical and Electronics Engineering.





B. V. V. Sangha's

Basaveshwar Engineering College
Bagalkote - 587102, Karnataka

*Solicit your gracious presence for the
inaugural function of*

National Level Hackathon (24 Hours)

WAVE 3.0

 **13th March 2026**  **10:00 AM**  **Gouri Shankar Kalyana Mantapa**

Chief Guest

Dr. Muralidhara V. N.
Professor, Dept of CSE, IIT Bangalore

President

Dr. Veeranna Charantimath
Chairman, B.V.V. Sangha

Gracious Presence

Shri. Mahesh Athani
Hon. Secretary, B.V.V. Sangha

Dr. R. N. Herkal
Director of Technical Institutions, B.V.V. Sangha

Dr. Mahabaleswar S. K.
Dr. R. L. Naik
Dr. Bharati M Reshmi
Coordinators

Dr. B. R. Hiremath
Principal



JUDGES COMMITTEE – VOLUNTEERS

The following student members actively supported the Judges Committee and played a vital role in the smooth conduct of the evaluation process:

- Appaji B. M.
- Sandesh Joshi
- Shankar D.

HACKATHON TEAM CONTRIBUTIONS

The successful execution of WAVE 3.0 was the result of coordinated efforts by various student teams, each contributing in specific domains:

Web and Design Team:

Sohail, Tuba, and Chinmay developed the official website and dashboard, and designed essential materials such as banners, ID cards, cheques, and certificates for volunteers and participants.

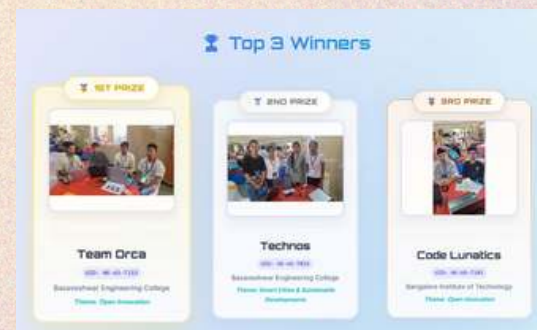
Co-hosting & Publicity:

Nitin and Anagha co-hosted the event, ensuring smooth coordination. Nitin also created promotional reels and actively publicized the event.

Event Management & Registration:

A larger team including Nitin, Dhruv, Anagha, Vikas, Aishwarya, Housa, Tuba, Sohail, Chinmay, Promodini, Rahul, and Shankar, along with other department students, contributed significantly to registration, query resolution, and overall management.

Their combined efforts ensured seamless organization and the successful completion of the hackathon.



STUDENTS PARTICIPATED IN WAVE 3.0

Project Title:

AIRA – A Smart Embodied AI Receptionist

Team Members:

- Krutika Kanchani
- Shiv Pawadashetti
- Rugved Sangulkar

Achievement:

- Developed a working prototype within 24 hours
- **Secured a Top 6 position in the competition.**



Project Title:

Agentic AI "Scam Interceptor" for India's Digital Fraud Crisis.

Team Members:

- Poorvi I. Hulasur
- Vaishnavi Bidnoor
- Neha S. Pharsiyawar



RIISING STARS

STUDENT INNOVATIONS & TRIUMPHS

The Department of Basic Sciences and HSS, in association with IQAC, organized National Science Day 2026 on the theme “**Women in Science: Catalyzing Viksit Bharat**”, along with a Project Exhibition for first-year engineering students. Among the innovative projects presented, the team “The Detection of Gas” secured First Prize, demonstrating creativity and technical excellence.

Team Members :

- AMRUTHA B BENDIGERI
- ANMOL MAHADEV KARAJAGI
- SWAYAM SHIVA RUDRAXI
- SAKSHI NAGARAJ GADAD
- POORVI PRASHANT BIRADAR
- NAVEEN YADAHALLI



The event was successfully coordinated by Prof. Anita G. Kori and Prof. Brahmanand Reddy, highlighting the department's commitment to fostering scientific curiosity and hands-on learning among students.



CERTIFICATION COURSE

Second-year students actively participated in a certification course on “**Introduction to Python**”, where they **attended an online quiz** as part of the assessment.

This activity strengthened programming fundamentals and enhanced understanding of Python concepts, promoting skill development in AI & ML.

Co-ordinated by **Prof. Lakshmi P. Kolur, Prof. Jayasheela Kallaganiger**

“**A WOMAN IS NOT JUST A PART OF THE STORY
—SHE IS THE STORY.**”



EMPOWERED EDUCATORS

FACULTY IN CONTINUOUS GROWTH

Dr. Vishwanath Kagawade, Department of Artificial Intelligence and Machine Learning (AIML), conducted an orientation program on the “Wipro TalentNext Program” on **11-03-2026**.

The session aimed to introduce students to the objectives and benefits of the TalentNext initiative, which focuses on enhancing industry-relevant skills and preparing students for careers in the IT sector.

During the program, students were briefed on training modules, certification opportunities, and career pathways offered through the collaboration with Wipro. The orientation witnessed enthusiastic participation from students, who gained valuable insights into bridging the gap between academic learning and industry requirements.



The event “**IntRoBot - Exploring the World of Robotics & Automation**” was successfully conducted at the Robotics & Automation Laboratory of Basaveshwar Engineering College on 16th March 2026.

Dr. Vishwanath Kagawade, Department of Artificial Intelligence and Machine Learning, played a key role in guiding the session by providing valuable insights into advanced robotics and automation technologies. Through interactive demonstrations, students gained practical exposure to robotic systems and understood their real-world industrial applications. The session effectively bridged the gap between theoretical learning and practical implementation, inspiring students to explore innovation and research in the field of robotics.

The event witnessed enthusiastic participation, with students appreciating the hands-on experience and expressing keen interest in future robotics activities.



The faculty members actively engaged in professional development programs to enhance their academic and research capabilities.

Prof. Ashok S. Patil participated in the following Faculty Development Programs:

- **Five-Day Online FDP** on “Advanced Research Paper Writing, Scholarly Tools, and Journal Selection Strategies”
- *Organized by:* Department of Electronics and Communication Engineering
- *Institution:* Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering & Technology
- *Duration:* 23.02.2026 to 27.02.2026

- **One Week Online FDP** on “Emerging Trends in Artificial Intelligence and Machine Learning using MATLAB”
- *Organized by:* Department of E&TC, Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune
- *In association with:* MathWorks and DesignTech Systems Pvt. Ltd.
- *Duration:* 23.02.2026 to 27.02.2026

These programs contributed to enhancing teaching methodologies, research skills, and awareness of emerging technologies in AI & ML.

Digital Literacy Training for Women:

- **Shashikala S. Kolli** attended a three-day training programme on “Digital Literacy for Women”, organized by the Department of Information Science and Engineering, from 23rd March 2026 to 25th March 2026.
- **Manjula Singanagutti** also attended the same training programme during these dates.

These programs contributed to enhancing faculty knowledge, student skill development, and promoting digital awareness.



DAWN OF INNOVATION

LAUNCH OF IOT & COMPUTER VISION LABS

The AIML Department has established an IoT Laboratory with a budget of ₹2,05,700. It is equipped with Arduino, NodeMCU, Raspberry Pi, sensors, and robotic kits.

The institution proudly marked a significant milestone with the inauguration of its state-of-the-art IoT and **Computer Vision Lab**, aimed at fostering innovation and hands-on learning in emerging technologies. The lab is designed to equip students with practical exposure to cutting-edge domains such as **Internet of Things (IoT)**, Computer Vision, Artificial Intelligence, and Machine Learning.

The inauguration ceremony was graced by esteemed dignitaries, faculty members, and enthusiastic students.

The newly established lab features advanced equipment, including sensors, embedded systems, high-performance computing resources, and vision-based tools. The IoT Lab is coordinated by **Prof. Brahmanand Reddy**, whose efforts have been instrumental in setting up a dynamic and application-oriented learning environment. A key highlight of the lab is the inclusion of a fundus camera, a specialized imaging device used to capture detailed images of the retina. This facility has been introduced under the guidance of **Prof. Jayasheela D. Kallaganiger**, enabling students and researchers to explore applications of computer vision in the healthcare domain, particularly in the early detection and analysis of eye-related diseases.

The integration of the fundus camera opens up opportunities for interdisciplinary research, allowing students to work on projects involving medical image processing, disease prediction, and AI-assisted diagnostics. This not only enhances technical learning but also contributes to socially impactful innovations in healthcare.



FRAMING MEMORIES

A GLIMPSE OF OUR DEPARTMENT SPIRIT

The department recently organized a photo shoot session to capture memorable moments and celebrate the spirit of togetherness among students and faculty. The session was conducted in a lively and enthusiastic atmosphere, with everyone participating wholeheartedly.

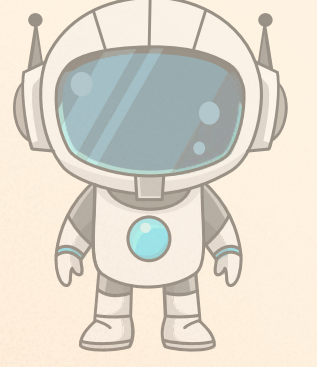
Faculty members and students gathered in formal attire, reflecting professionalism and unity. Various group photographs were taken, including faculty groups, student batches, and combined department photos. The session also included candid shots, adding a vibrant and cheerful touch to the occasion.

The photo shoot not only created lasting memories but also strengthened the sense of belonging within the department. These photographs will be featured in departmental records, newsletters, and other institutional publications, showcasing the unity and pride of the department.

Overall, the event was a delightful experience, capturing the essence of collaboration, joy, and academic camaraderie.



ಮಹಿಳಾ ಮಿಂಚು



AI ಶಕ್ತಿ

ಮಹಿಳೆ ಒಂದು Neural Network ಹಾಗೆ, ಸಂಬಂಧಗಳನ್ನು ಜೋಡಿಸುವ ಶಕ್ತಿ, ಅವಳು Deep Learning ಹಾಗೆ, ಅನುಭವದಿಂದ ಆಳವಾಗಿ ಕಲಿಯುವಳು. Support Vector Machine ಹಾಗೆ, ಸಂಕಷ್ಟಗಳಲ್ಲಿ ಗಡಿ ನಿಗದಿಪಡಿಸುವಳು, Decision Tree ಹಾಗೆ, ಸರಿಯಾದ ನಿರ್ಧಾರಕ್ಕೆ ದಾರಿ ತೋರಿಸುವಳು. Random Forest ಹಾಗೆ, ಹಲವಾರು ಶಕ್ತಿಗಳ ಸಮೂಹ, K-Means ಹಾಗೆ, ಎಲ್ಲರನ್ನು ಒಟ್ಟುಗೂಡಿಸುವ ಗುಣ. Naive Bayes ಹಾಗೆ, ನಂಬಿಕೆಯ ಮೇಲೆ ಮುಂದುವರಿಯುವಳು, Linear Regression ಹಾಗೆ, ಸರಳತೆಯಲ್ಲಿ ಸುಂದರತೆ ಕಂಡುಕೊಳ್ಳುವಳು. Logistic Regression ಹಾಗೆ, ಸರಿಯಾದ ಆಯ್ಕೆ ಮಾಡುವ ಸಾಮರ್ಥ್ಯ, Reinforcement Learning ಹಾಗೆ, ತಪ್ಪಿನಿಂದ ಕಲಿತು ಗೆಲ್ಲುವಳು. GANs ಹಾಗೆ, ಹೊಸ ಸೃಷ್ಟಿಗೆ ಜೀವ ತುಂಬುವಳು, CNN ಹಾಗೆ, ಸೂಕ್ಷ್ಮತೆಯನ್ನು ಗಮನಿಸುವಳು. RNN ಹಾಗೆ, ನೆನಪುಗಳನ್ನು ಕಾಪಾಡುವಳು, LSTM ಹಾಗೆ, ದೀರ್ಘಕಾಲದ ಬಂಧಗಳನ್ನು ಉಳಿಸುವಳು. Transformer Model ಹಾಗೆ, ವೇಗವಾಗಿ ಬದಲಾಗುವಳು, Attention Mechanism ಹಾಗೆ, ಮುಖ್ಯವನ್ನು ಗುರುತಿಸುವಳು. ಮಹಿಳೆ ಎಂದರೆ ಸಂಪೂರ್ಣ AI ಮಾದರಿ, ಅವಳಲ್ಲಿದೆ ಅಸೀಮ ಶಕ್ತಿ ಮತ್ತು ಪ್ರೇರಣೆ.

“

A woman is the full circle—
within her is the power to
create, nurture, and transform.
Strong women don't wait for
opportunities, they create them.

”

ಮಹಿಳೆ

ಮಹಿಳೆ ಪ್ರಕೃತಿಯ ಸುಂದರ ಸೃಷ್ಟಿ,
ಅವಳು ಪ್ರೀತಿ, ಮಮತೆಗಳ ಹೊಳೆಯುವ ದೀಪ.
ಅವಳ ಹೆಜ್ಜೆಯಲ್ಲಿ ಧೈರ್ಯದ ನಾದ,
ಅವಳ ಹೃದಯದಲ್ಲಿ ಅನಂತ ಕರುಣೆ.
ಕಷ್ಟಗಳ ನಡುವೆ ನಗು ಹರಡುವಳು,
ಸವಾಲುಗಳನ್ನು ಶಕ್ತಿಯಿಂದ ಗೆಲ್ಲುವಳು.
ಕನಸುಗಳನ್ನು ಗಗನಕ್ಕೇರಿಸುವಳು,
ನಿರಾಶೆಯನ್ನು ಆಶೆಯಾಗಿ ಮಾಡಿಸುವಳು.
ತಾಯಿ ರೂಪದಲ್ಲಿ ಜೀವನ ನೀಡುವಳು,
ಗುರುವಾಗಿ ಜ್ಞಾನ ಬೆಳಗಿಸುವಳು.
ಸ್ನೇಹಿತೆಯಾಗಿ ಕೈಹಿಡಿಯುವಳು,
ಸಹೋದರಿಯಾಗಿ ಪ್ರೀತಿ ಹಂಚುವಳು.
ಅವಳ ಶ್ರಮವೇ ಯಶಸ್ಸಿನ ಬೀಜ,
ಅವಳ ನಂಬಿಕೆ ಸಾಧನೆಯ ದಾರಿ.
ಪ್ರತಿ ಹೆಜ್ಜೆಯಲ್ಲಿ ಸ್ಫೂರ್ತಿ ತುಂಬುವಳು,
ಅವಳಲ್ಲಿ ಅಡಗಿದೆ ಅನೇಕ ಸಾಮರ್ಥ್ಯ.
ಮಹಿಳೆ ಎಂದರೆ ಬದುಕಿನ ಬೆಳಕು,
ಅವಳಿಲ್ಲದೆ ಲೋಕವೇ ನಿರ್ಜೀವ.



February Reflections

A Month of Milestones

The department successfully released its February Month Newsletter, showcasing key events, achievements, and activities of the month. The newsletter highlights academic initiatives, student contributions, and departmental accomplishments.

The release reflects the department's commitment to sharing knowledge, documenting progress, and encouraging active participation among students and faculty.



INSTITUTION VISION

To be an institution of excellence in education, research and innovation for sustainable future.

MISSION

- Develop globally competent professionals for future talent requirements.
- Nurture a culture of research, Innovation and entrepreneurship.
- Promote collaborations, extension and outreach programs for addressing industrial and societal needs.
- Imbibe moral and ethical values.
- Foster ecological and environmental consciousness.

DEPARTMENT VISION

To develop competent, social and ethically responsible professionals in Artificial Intelligence and Machine Learning through excellence in education, research and innovation.

MISSION

- Develop globally competent AIML professionals to address real world problems
- Imbibe moral and socio-ethical values
- Cultivate multi-disciplinary environment that encourage collaboration and life-long learning
- Foster culture of research, innovation and entrepreneurship

EDITORIAL BOARD

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Dr. Bharati M. Reshmi

Chief Editor
Miss. Laxmi Muttappanavar

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Mr. Chinmay R. M (6th Sem)

Faculty Members :

- Dr. Vishwanath C. Kagawade
- Prof. Brahmanand Reddy
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- Smt. Lakshmi P. Kolar



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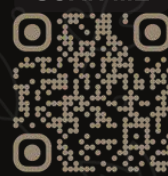


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