Approved by AICTE NEW DELHI & Affiliated to JNTU-GV, Vizianagaram
88th Division, Narava, GVMC, Visakhapatnam, Andhra Pradesh 530027, india
email : beharaenggclg@gmail.com   www.bcet.in

Professional Development: FDPs, Conferences & Refresher Courses

1. Purpose

The purpose of this policy is to promote continuous professional development of faculty and staff by encouraging participation in Faculty Development Programmes (FDPs), Conferences, Workshops, Seminars, and Refresher Courses to enhance academic quality, research output, and institutional excellence.

2. Scope & Applicability

This policy applies to: - Teaching Staff - Research Staff - Academic Administrators - Technical Staff (where applicable)

3. Objectives

- To update subject knowledge and pedagogical skills
- To promote research, innovation, and collaboration
- To improve teaching–learning processes
- To align faculty competencies with emerging technologies and industry needs

4. Types of Professional Development Activities

Professional development activities include but are not limited to: - Faculty Development Programmes (FDPs) - Orientation Programmes - Refresher Courses (UGC/AICTE recognized) - National / International Conferences - Seminars, Workshops, and Symposiums - Short-Term Training Programmes (STTPs) - MOOCs, SWAYAM, NPTEL certification courses

5. Participation in External Programmes (Attended)

- Faculty members are encouraged to attend recognized FDPs, conferences, and refresher courses.
- Prior permission from the competent authority is mandatory.
- Programmes conducted by UGC, AICTE, Government bodies, reputed universities, IITs, NITs, or professional bodies shall be given preference.
- Attendance certificates and reports must be submitted after completion.

6. Organization of Programmes (Organized)

- Faculty members are encouraged to organize FDPs, workshops, seminars, and conferences at the institutional level.

- Such programmes shall be conducted with prior approval from the Management / Head of Institution.
- Programmes may be organized in collaboration with universities, professional bodies, or industry.
- Proper documentation including brochure, attendance, photographs, and reports must be maintained.

7. Financial Support & Leave

- Financial assistance, registration fee reimbursement, and duty leave may be granted as per institutional norms.
- Sanction of support depends on the relevance of the programme and budget availability.

8. Recognition & Incentives

- Participation and organization of professional development activities shall be considered during performance appraisal, promotions, and career advancement schemes.
- Certificates and achievements shall be recorded in the service register / faculty profile.

9. Reporting & Documentation

Faculty members shall submit: - Copy of invitation / acceptance letter - Attendance or participation certificate - Brief report highlighting outcomes and learnings

10. Responsibilities

- Faculty: Identify relevant programmes and apply through proper channel.
- HOD: Recommend and monitor participation.
- Institution: Facilitate and encourage continuous professional development.

11. Amendments

The institution reserves the right to modify this policy from time to time based on statutory requirements and institutional needs.

12. Effective Date

This policy shall come into effect from the date of approval by the Competent Authority.

Approved by the Management / Governing Body

BEHARA
COLLEGE OF ENGINEERING AND TECHNOLOGY
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Summary Report – Faculty Development Programs (FDPs)/SDPs/Seminars

Institution Name: Behara College of Engineering and Technology
Academic Year: 2024–2025
Department: Computer Science and Engineering
Mode of Delivery: Online/ Offline

S. No.	Title of FDP	Dates	Duration	No. of Participants	Mode
1	Java Full Stack AI	2nd Dec 24 – 22nd Dec 24	15 Days	78	Online
2	Cyber Security	24th December 25	1Day	126	Online
3	AI Tools	17th Feb 25 to 21st Feb 25	15Days	84	Online
4	Digital Marketing	12th Feb 25 to 5th Mar25	15Days	128	Online
5	Technovate for India	4th Dec 25	1Day	-	Offline

Total FDPs/SDPs/S Conducted	Total Participants	Coordinators
5	416	Mr Ch NarayanaRao, Mrs KSP Keerthi

Submitted by:

Mr Ch NarayanaRao
FDP Coordinator
Computer Science and Engineering
Behara College of Engineering and Technology

Report

Of

Faculty Development Program

on

JAVA FULL STACK USING REACT JS AND AI

2nd December 2024 to 22nd December 2024

FDP Brochure

Schedule:

Day 1-3: Introduction to Java with React JS
- Java Basics Recap: Object-Oriented Programming (OOP) concepts, classes, objects, inheritance, and polymorphism.
- React JS Overview: Introduction to React components, JSX, props, and state.
- Setting Up Environment: Install JDK, Node.js, and create a basic React app.
Day 4-6: Java with Spring Boot & REST APIs
- Spring Boot Setup: Introduction to Spring Boot, creating your first REST API.
- Connecting with React: Fetching data from Java Spring Boot APIs in React.
- State Management in React: Using Context API and Hooks.
Day 7-9: Advanced Java Features & AI Introduction
- Java Advanced Concepts: Streams, Lambda expressions, and multithreading.
- AI Basics: Introduction to AI, Machine Learning (ML), and their significance in web development.
- Integrating AI APIs: Using AI/ML APIs in Java (e.g., TensorFlow, Google AI APIs).
Day 10-12: React JS with AI Integration
- React with AI: Integrating AI libraries in React (e.g., TensorFlow.js).
- Real-time AI in React: Implementing basic AI tasks like image recognition or NLP in React.
- UI/UX for AI Applications: Designing user interfaces for AI-powered applications.
Day 13-15: Project Implementation
- Java-React AI Project: Develop a full-stack AI-powered application, combining Java (Spring Boot) with React and AI features.
- Testing and Debugging: Unit testing in Java, React testing with Jest, and AI model validation.
- Deployment: Deploying the full-stack AI application using Docker or cloud services.

1. Introduction

The **Java Full Stack with React JS & AI** Faculty Development Program was conducted from **2nd December 2024 to 22nd December 2024**. This program aimed to enhance faculty members' technical skills in emerging areas of web development and Artificial Intelligence (AI). The course provided hands-on experience in Java Full Stack Development, React JS, and the integration of AI technologies, equipping faculty with the necessary tools to better integrate these concepts into their teaching curriculum.

The program also sought to foster a collaborative environment where faculty could share knowledge and experiences related to modern software development practices.

2. Objectives of Faculty Development Program

- Equip faculty with expertise in Java Full Stack Development, React JS, and AI.
- Develop practical knowledge of integrating AI capabilities into web applications.
- Enhance faculty's ability to teach the latest technologies and incorporate them into their courses.
- Encourage faculty to stay updated with current industry trends and advancements in web development and AI.
- Foster collaboration among faculty members from various departments, facilitating interdisciplinary learning.

3. Faculty Development Program Details

- **Program Duration:** 2nd December 2024 to 22nd December 2024
- **Mode of Delivery:** Online
- **Number of Participants:** 78
- **Target Audience:** Faculty members from the Computer Science, Information Technology, and related departments.

Module Breakdown

1. **Introduction to Full Stack Development**
   - Overview of Full Stack Development and its significance in modern applications.
   - Introduction to backend development using Java (Spring Boot framework).
   - Frontend development using React JS for dynamic web applications.
   - Integrating Java backend with React JS frontend.
2. **React JS Deep Dive**
   - Detailed exploration of React components, hooks, and state management.
   - Building user interfaces with reusable components.
   - Hands-on sessions with React JS libraries and tools.
3. **Artificial Intelligence in Web Development**
   - Introduction to AI concepts, including machine learning and neural networks.
   - Practical implementation of AI algorithms in web applications (e.g., recommendation systems, AI-driven chatbots).
   - Using AI libraries with Java and React JS to add intelligent features.

4. **Project Development**
    - o Participants worked on real-world projects that combined Java Full Stack and AI technologies.
    - o Emphasis on team-based learning and collaborative problem-solving.
    - o Mentorship sessions for project guidance.

4. Impact of Faculty Development Program

- **Improvement in Teaching Competencies:** Faculty members have reported a significant improvement in their confidence and competency in teaching Java Full Stack development, React JS, and AI. They are now more equipped to integrate these technologies into their courses and offer students relevant, up-to-date content.
- **Increased Engagement with Industry Trends:** The program helped faculty stay abreast of current industry trends in web development and AI, enabling them to bring in real-world examples into the classroom.
- **Positive Feedback on Hands-On Approach:** The interactive, hands-on nature of the course was highly appreciated. Participants found the practical sessions particularly valuable for reinforcing theoretical concepts.
- **Collaboration and Networking:** The program encouraged networking between faculty from various departments, creating opportunities for collaboration on interdisciplinary projects that combine AI, web development, and other technologies.
- **Project Outcomes:** The final projects developed by participants featured innovative applications of AI within full stack environments. These projects will serve as models for future student projects and could be incorporated into the curriculum.

5. Challenges Faced

- **Time Constraints:** Due to the extensive nature of the program, some faculty members expressed difficulty in balancing their existing workload with the program schedule.
- **Technical Challenges:** Some participants faced challenges with setting up the development environments for Java, React JS, and AI tools.
- **Pace of Content Delivery:** A few faculty members found the pace of advanced topics in AI to be slightly fast. More focused sessions could have been beneficial.

6. Future Goals and Plans

- **Follow-Up Sessions:** Organize refresher workshops and advanced sessions to address areas where faculty required further support, particularly in AI and advanced JavaScript techniques.
- **Collaborative Projects:** Encourage faculty members to integrate the skills learned during the program into cross-disciplinary projects with students and other faculty members.
- **Online Resources:** Develop and provide faculty with access to a dedicated portal or resource center with recorded lectures, reading materials, and tools used during the program.
- **Regular Industry Interactions:** Invite industry experts to conduct guest lectures and webinars to keep faculty updated on the latest developments in web development and AI technologies.

Sample Certificate

Glimpse of FDP
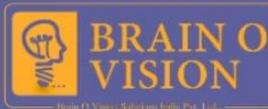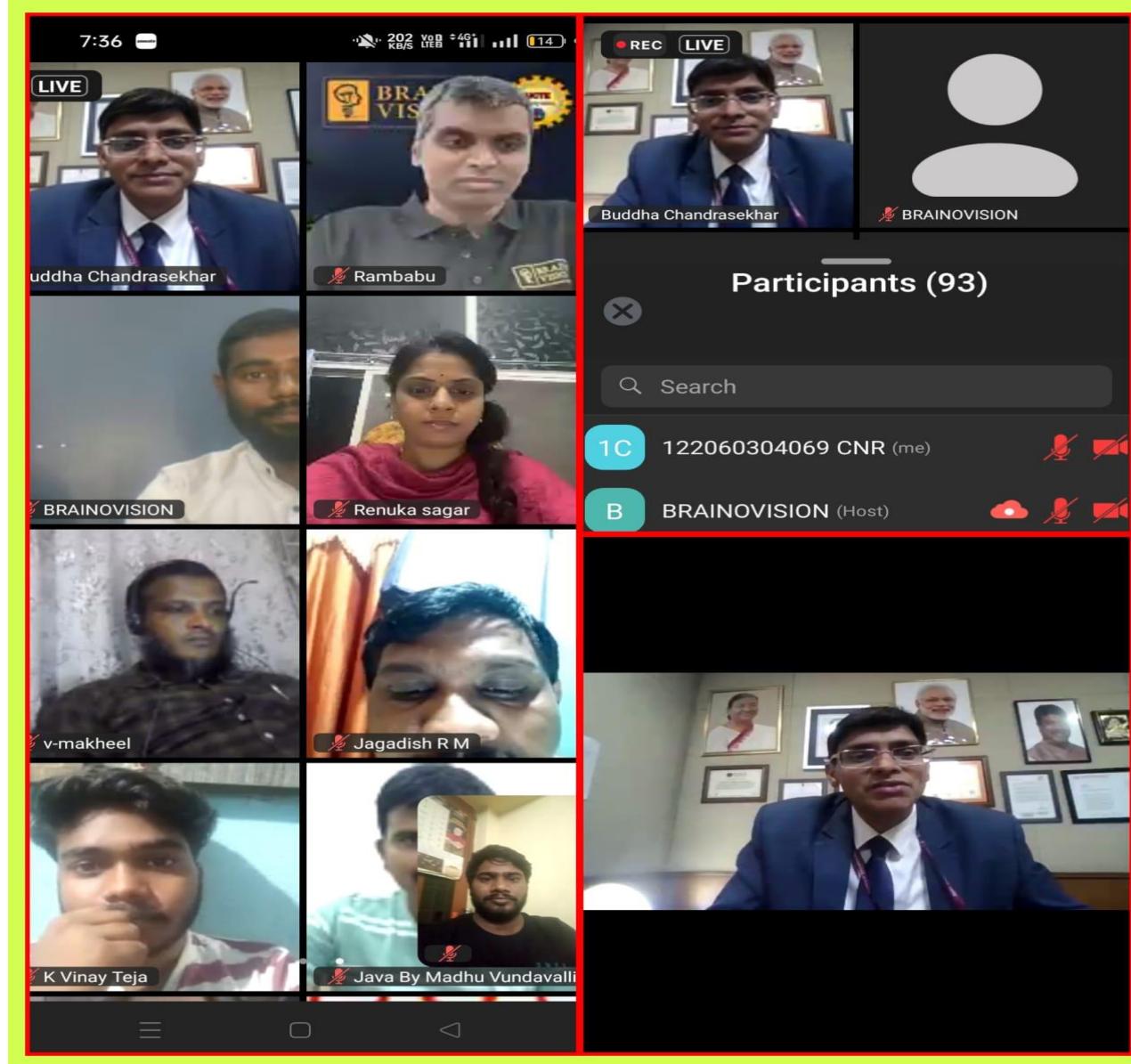
AGENDA - VALEDICTORY OF STTP			
START TIME	END TIME	DURATION	ACTIVITY
7:00PM	07:05 PM	05 MIN	**1. Gathering & Event start**
07:05 PM	07:07 PM	02 MIN	2. Program Introduction
07:07 PM	07:10 PM	3 MIN	3. About Brainovision
07:10 PM	07:15 PM	5 MIN	4. Introduction about Host colleges
07:15 PM	07:20 PM	14 MIN	5. Cash Prizes and Internships
07:20 PM	07:30 PM	2 MIN	6. Chief Guest Speech
07:32 PM	07:40 PM	2 MIN	Brainovision CEO/ Vice President Speech
07:40 PM	07:42 PM	15 MIN	About our STTP
07:42 PM	08:05 PM	25 MIN	Host College's authorities speeches
08:05 PM	08:10 PM	5 MIN	ABOUT CERTIFICATES
08:10 PM	08:15 PM	5 MIN	Vote of Thanks
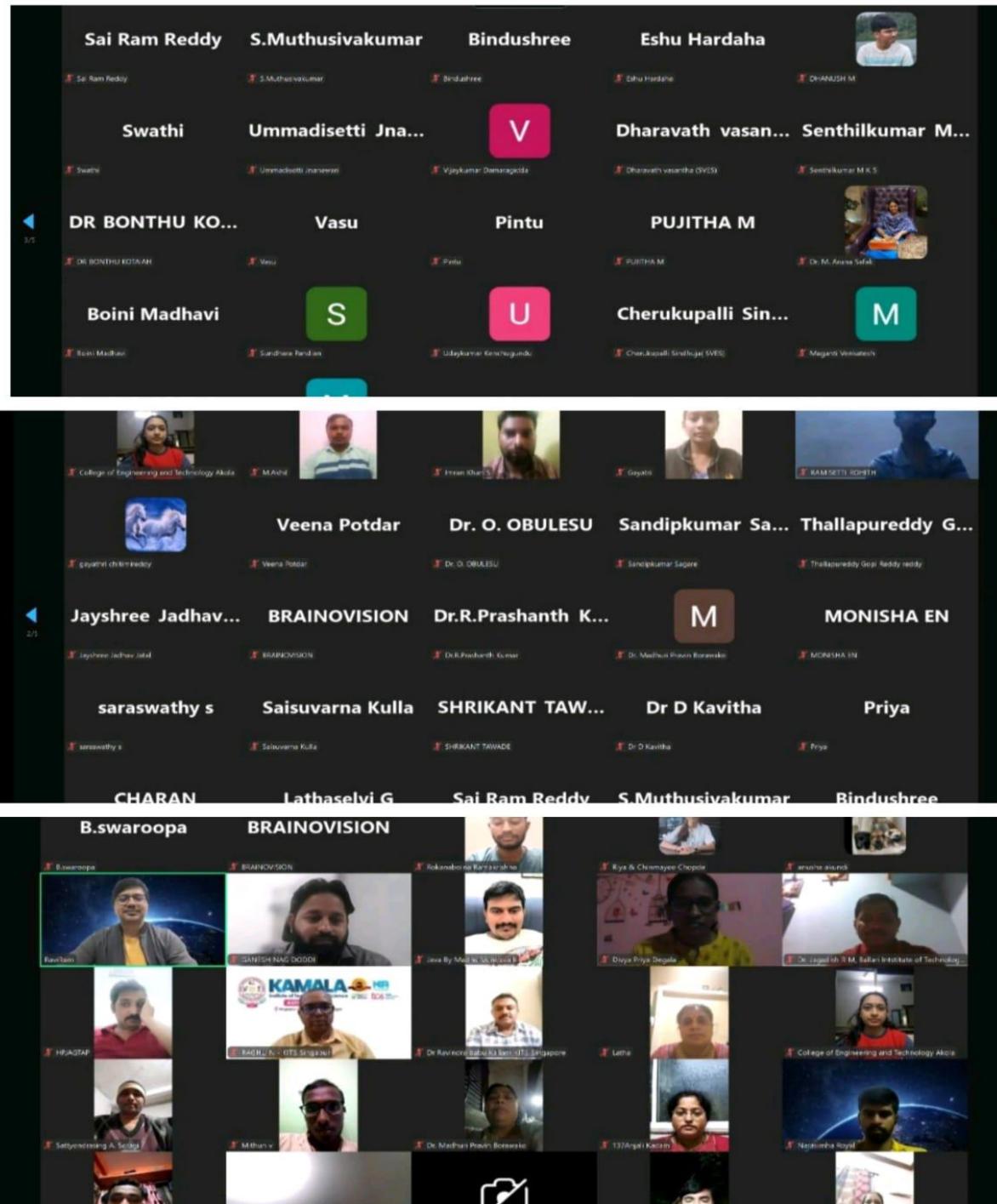
Prepared By Mr Ch NarayanaRao
Head of the Department
Dept of CSE

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Report

of

One Day Professional Development Program on

"Introduction to Machine Learning for Cyber Security"

Date of Event: 24th December, 2024
Duration: 2 PM to 4:00 PM
Location: Online
Organized By: Behara College of Engineering and Technology, Visakhapatnam, Andhra Pradesh in association with Pencil Bitz

Target Audience: Professionals and Researchers in Cyber Security, IT Specialists, Data Scientists, Faculty and Students

Program Type: Professional Development Program - workshop

Program Brochure

Sample Certificate

1. Introduction

The One Day Professional Development Program on "Introduction to Machine Learning for Cyber Security" was organized to provide a comprehensive understanding of how machine learning (ML) techniques are being applied to enhance the security landscape in the digital age. As cyber threats grow increasingly sophisticated, the application of machine learning in cybersecurity is a cutting-edge solution to enhance threat detection, response, and prevention mechanisms.

The event aimed at equipping professionals with the foundational knowledge required to integrate machine learning concepts into their cybersecurity practices.

2. Objectives of the Program

The primary objectives of the program were as follows:

- To introduce the concept of machine learning and its importance in the field of cybersecurity.
- To explain various machine learning algorithms and their applications in threat detection and risk management.
- To discuss real-world case studies where machine learning has significantly improved cybersecurity protocols.
- To provide hands-on experience in applying machine learning algorithms to cybersecurity problems.
- To foster collaboration among professionals, enhancing knowledge sharing and networking.

3. Key Topics Covered

Session 1: Introduction to Machine Learning

Speaker: Sir MohitTiwari, Assistant Professor, BVCE Delhi.

Overview: The session provided a foundational understanding of machine learning, including definitions, history, and types of machine learning—supervised, unsupervised, and reinforcement learning. The speaker highlighted the growing relevance of machine learning in solving complex problems, particularly in the cybersecurity domain.

Machine Learning Algorithms in Cyber Security

- **Overview:** This session focused on different ML algorithms such as decision trees, k-nearest neighbors (KNN), support vector machines (SVM), and neural networks. The focus was on how these algorithms are used for anomaly

detection, malware analysis, intrusion detection systems (IDS), and phishing attack detection.

Real-World Applications of Machine Learning in Cyber Security

- **Overview:** In this session, the speaker discussed case studies where ML techniques were successfully implemented in real-world cybersecurity scenarios. Examples included:
  o Automated malware detection using deep learning models.
  o Predictive analytics for identifying vulnerabilities before they are exploited.
  o Behavioral analysis to detect insider threats or unusual activities.

Challenges in Machine Learning for Cyber Security

- **Overview:** This session addressed the limitations and challenges faced when integrating machine learning into cybersecurity practices, including issues related to data quality, model interpretability, adversarial attacks, and real-time processing.

4. Key Takeaways

- **Machine Learning's Impact on Cybersecurity:** Machine learning is crucial for detecting emerging threats, automating threat responses, and improving overall system security.
- **Hands-On Experience:** Participants gained practical exposure to applying machine learning algorithms to real-world cybersecurity problems.
- **Emerging Trends:** The integration of artificial intelligence (AI) and machine learning is rapidly evolving, with future trends pointing towards more intelligent, adaptive systems capable of handling dynamic threats.
- **Networking:** The event provided an excellent opportunity for professionals from diverse backgrounds to interact, share ideas, and discuss challenges in cybersecurity.

5. Participant Feedback

Feedback from the participants was overwhelmingly positive. Attendees appreciated the well-rounded approach of the program, which combined theoretical knowledge with practical exercises. They found the real-world examples particularly helpful in understanding how machine learning is being applied in modern cybersecurity systems.

Key highlights from the feedback include:

- **Engagement:** Participants appreciated the interactive nature of the sessions.
- **Content Relevance:** Many noted that the content was highly relevant to current trends in the cybersecurity industry.
- **Instructor Expertise:** The instructors were praised for their depth of knowledge and the clarity with which complex topics were explained.

6. Conclusion

The One Day Professional Development Program on "Introduction to Machine Learning for Cyber Security" successfully achieved its objectives by providing participants with valuable insights into the intersection of machine learning and cybersecurity. Attendees left with a stronger understanding of how machine learning can be leveraged to improve security measures and how to begin applying these techniques in their own work.

The event also laid the groundwork for future workshops and training programs on more advanced topics in machine learning and cybersecurity.

Youtube link: https://www.youtube.com/watch?v=MeI5ohY59kE&t=50s

<p align="center">workshop Glimpse</p>
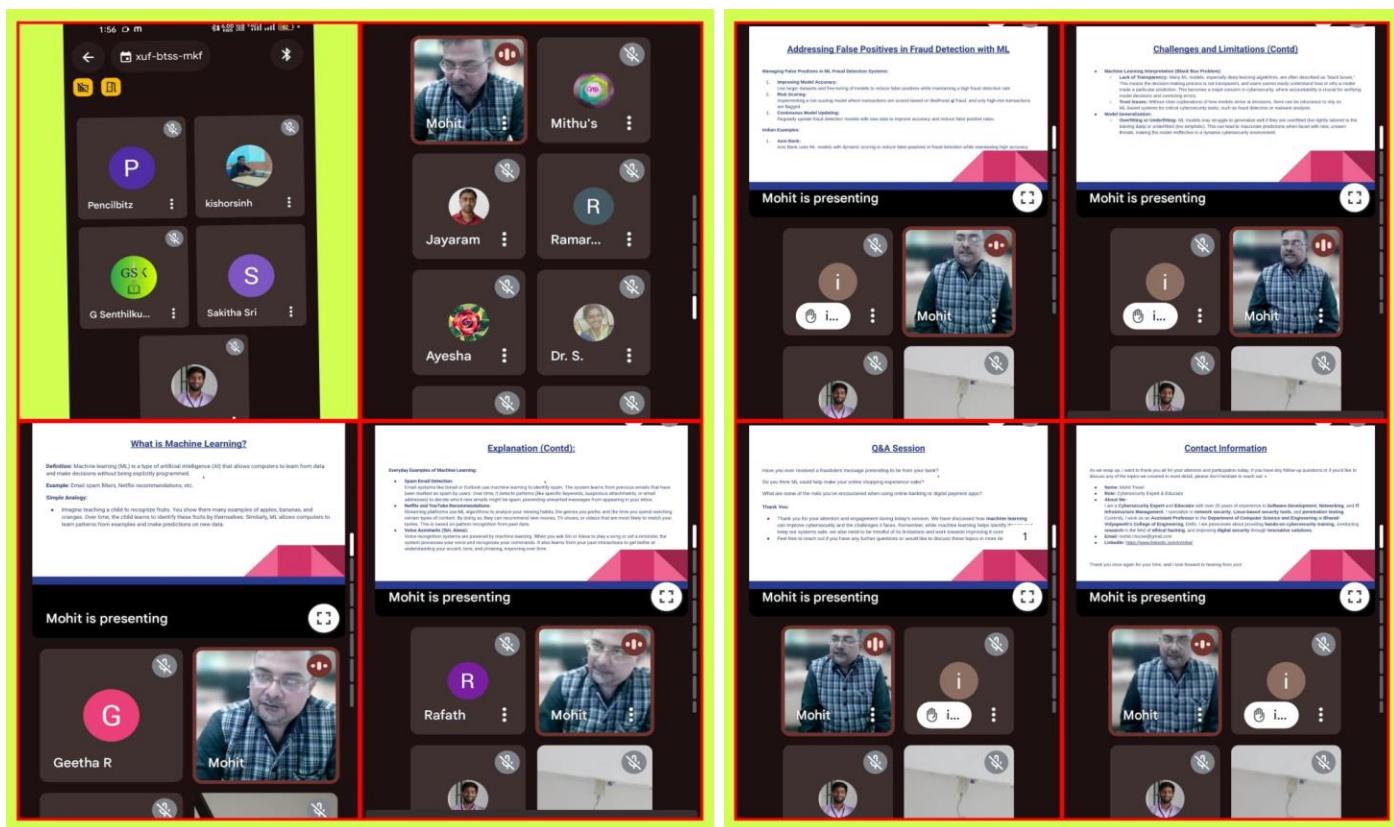
Report on National Level

Faculty Development Program (FDP)

on

AI Tools

Organized by Behara College of Engineering and Technology in Collaboration with BrainOVision

Date: 17th Feb 2025 to 21st Feb 2025

Venue: Online Platform Zoom and YouTube

1. Introduction

A National Level Faculty Development Program (FDP) on **AI Tools** was organized by **Behara College of Engineering and Technology**, in collaboration with **BrainOVision**, with the objective of enhancing the skills and knowledge of faculty members in the domain of Artificial Intelligence (AI) and its practical tools. This FDP aimed to equip educators with emerging technological competencies to integrate AI effectively in teaching, research, and innovation.

2. Objectives of the FDP

- To provide in-depth knowledge of the latest AI tools and their applications.
- To enable faculty members to adopt AI-driven solutions in pedagogy.
- To promote research and development activities involving AI in academics.
- To create awareness of real-world AI applications and industry trends.

3. Collaborating Partner: BrainOVision

BrainOVision is a leading EdTech company focusing on bridging the gap between academia and industry by offering advanced training programs, internships, and certifications in cutting-edge technologies such as AI, Machine Learning, IoT, and Data Science.

4. Program Schedule & Topics Covered

The FDP was conducted over [insert duration — e.g., 5 days] and included both theoretical and practical sessions. Experts from academia and industry conducted the sessions on the following topics:

- Introduction to Artificial Intelligence and its Scope
- AI Tools for Teaching and Research
- Natural Language Processing (NLP) Tools
- Computer Vision and Image Processing
- AutoML Platforms (e.g., Google AutoML, Microsoft Azure ML)
- Prompt Engineering and Generative AI (e.g., ChatGPT, Bard)
- Hands-on Workshops with AI Toolkits
- Integration of AI Tools in Curriculum and Assessment
- Ethics in AI and Responsible AI Use

5. Participants

The FDP witnessed active participation from over **84 faculty members** from various institutions across India. Participants represented diverse disciplines including Engineering, Computer Science, Management, and Sciences, showcasing the multidisciplinary interest in AI.

6. Resource Persons

The program was facilitated by industry experts and academic professionals including:

- **N NarayanaSwamy** Senior Technical Head BrainOVision,
- **Pratap Chandra** Data Scientist
- And other eminent speakers

7. Outcomes of the FDP

- Participants gained hands-on experience with several AI tools.
- Faculty members expressed increased confidence in integrating AI into their teaching practices.
- The FDP encouraged interdisciplinary collaborations and research ideas.
- Participants received e-certificates upon successful completion.

8. Feedback and Evaluation

A post-FDP feedback survey indicated a high level of satisfaction among the participants, particularly in terms of content relevance, delivery, and practical exposure. Suggestions were noted for organizing advanced sessions and AI-focused research workshops in the future.

9. Conclusion

The Faculty Development Program on AI Tools, in collaboration with BrainOVision, was a resounding success. It served as a significant step toward empowering faculty with future-ready skills and contributed to the ongoing digital transformation in education. The organizing committee extends heartfelt gratitude to all participants, speakers, and collaborators who made this event possible.

10. Organizing Committee

- **FDP Coordinator**: Mr Chokkpu NarayanaRao
- **Convener**: Dr V Sridhar Patnaik, Principal
- **Organizing Team**: Mrs KSP Keerthi

Glimpse of FDP

Prepared by HOD - CSE

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REPORT

ON

STUDENT DEVELOPMENT PROGRAM (SDP)

Title: 30-Hour Student Development Program on Digital Marketing
Collaborating Partner: EXCELR
Organized by: Behara College of Engineering and Technology
Duration: 12th Feb 2025 to 5th Mar 2025(2 Hours)
Total Hours: 30 Hours
Venue: Online – Zoom & YouTube
Target Audience: Undergraduate Students (All Disciplines)

1. Introduction

In alignment with the growing demand for digital skills in the current job market, Behara College of Engineering and Technology organized a 30-hour Student Development Program (SDP) on **Digital Marketing**, in collaboration with **EXCELR**, a reputed industry leader in professional training and certification.

This program aimed to enhance students' practical knowledge in digital marketing and empower them with employable skills such as SEO, SEM, content marketing, social media strategy, and data analytics tools related to marketing.

2. Objectives of the Program

- To introduce students to core concepts and tools in Digital Marketing.
- To equip students with hands-on experience in SEO, Google Ads, and social media marketing platforms.
- To build real-time project experience through case studies and live assignments.
- To enhance career readiness and improve employability.

3. Program Structure and Curriculum

Total Duration: 30 Hours (2 Hours/Day for 15Days)

Day	Topics Covered	Methodology
Day 1	Introduction to Digital Marketing, Website Structure, and Basics of HTML	Lecture + Demo
Day 2	Search Engine Optimization (SEO) – On-Page and Off-Page Techniques	Hands-on + Case Study
Day 3	Google Ads (SEM), Display Ads, YouTube Ads	Interactive Workshop
Day 4	Social Media Marketing – Facebook, Instagram, LinkedIn Strategies	Live Campaign Demo
Day 5	Email Marketing, Affiliate Marketing, Influencer Strategy	Group Activity
	And so on..	
Day 15	Web Analytics (Google Analytics), Project Presentation & Feedback	Project Evaluation

4. Resource Persons

The sessions were delivered by experienced trainers from **EXCELR**, including:

- **Mr. Mayur** Senior Digital Marketing Trainer
- **Mr B Pradeep Kumar Suject Matter Expert** Digital Marketing Specialist

5. Student Participation

- **Total Participants:** 128
- **Departments Represented:** [e.g.,B.Tech BBA, B.Com, BCA, BA, etc.]
- **Attendance Rate:** [90% overall participation]

All students were encouraged to participate in daily assignments, and a mini-project was undertaken as part of the evaluation.

6. Assessment & Certification

Participants were assessed based on:

- Attendance and active participation
- Performance in quizzes and assignments
- Final project presentation

Certificates of Completion were awarded jointly by Behara College of Engineering and Technology and **EXCELR** to students who completed the program requirements.

7. Outcomes and Feedback

- **Improved Technical Skills:** Students developed a strong foundation in digital marketing tools and strategies.
- **Project Exposure:** Teams presented creative marketing plans and ad campaigns.
- **Career Orientation:** Several students expressed interest in pursuing internships and certifications in digital marketing.

Feedback Summary:

- 92% rated the program as "Excellent" or "Very Good".
- Students appreciated the industry-oriented content and practical approach.

8. Conclusion

The SDP on Digital Marketing proved to be a valuable initiative in preparing students for digital economy careers. The collaboration with **EXCELR** brought industry expertise into the classroom, aligning well with academic and career development goals.

Glimpse of SDP

Prepared by HOD - CSE

Collaboration Guest Details for Student Development Program*

***Guest Details: ***

1. *Full Name*   **Dr V Sridhar Patnaik**

2. *Profile Photo*

3. *Email Address*   beharaenggclg@gmail.com

4. *Contact Number*   **9949638777 & 6303211772**

5. *Short Profile*   : Dr. V. Sridhar Patnaik is presently serving as the Principal at Behara College of Engineering and Technology, Visakhapatnam. With 20 years of experience in academics as well as administration, he is a renowned professor, educationist, and motivator. Dr. Patnaik has actively participated in several conferences and workshops and has contributed papers and research publications to a number of national and international journals.

6. *Designation*   **Principal**

7. *Department*   **Mechanical Engineering**

***To Proceed with Digital Certificates for Participants, We Require: ***

1.   *Name of the Principal (or Authorized Person) * Dr V Sridhar Patnaik

2. *College or Department Stamp* (PNG file)
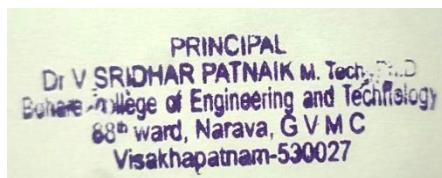
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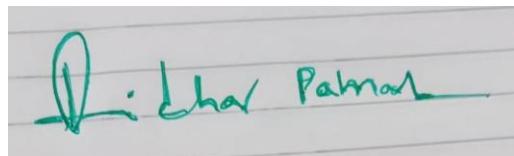
REPORT

ON

THE ONE DAY SEMINAR ON

"Technovate for India: Igniting Ideas, Empowering Futures"

HELD ON 4th December 2024

Venue: Novotel, Visakhapatnam

Event: TFI Andra Pradesh Edition

Venue: Novotel Visakhapatanam Varun

Date: 4th December 2024

Time: 11.00 am onwards

Technovate for India – Andra Pradesh Edition	
Time	Itinerary
11.00 AM	Inaugural Address **Mr. Saikanth Varma IAS** (CEO, Andhra Pradesh Economic Development Board)
11.10 AM	Keynote Address **Mr. Prem Kumar Vislawath** (Co-founder and CEO, Marut Drones)
11.30 AM	Fireside Chat **Mr. Prem Kumar Vislawath** With **Ms. Swati Bharadwaj** (Business Editor, The Times of India)
11.45 AM	Special Address **Mr. Jones Joseph** (Director & COO, Talrop) **Mr. Ajeesh Satheesan** (Director & CMO, Talrop)
12.00 AM	Expert Talk **UX Anudeep** (UX Mentor and UX Designer at a top MNC
12.30 PM	Ideathon
1.00 PM	Prize Distribution

One day Seminar was conducted on Ideathon at Novotel Hotel on 4th December 2024 by Times of India – Powered by telrop. The faculty and students from Behara College of Engineering Technology (VI) Narava Visakhapatnam has participated in the program has shared some views with the Organizers. One of our faculty members won a prize for innovation in the QUIZ. This one day seminar has given much wider exposer and experience to our students. A team consisting of four students has given a presentation on "Andhra Pradesh's smaller cities and towns have many tech-savvy individuals skilled in software development, product design & graphic design, but they often lack a dedicated platform to find work. How could we create a marketplace that connects IT freelancers from these areas with potential clients, ensuring local talent finds opportunities without needing to relocate? For this problem statement our students came up with a solution" to compete with nearly 20 teams. Finally our students got participation certificates

Glimpses of One Day Seminar on "Technovate for India: Igniting Ideas, Empowering Futures" held on 4th December 2024.

S. No	Name of Faculty / Member	Type of Contribution	Course / Activity / Membership	Organizing Body / Platform	Duration / Validity	Performance / Status	Contribution to Institution
1	U. Sasirekha	Online Certification	Introduction to Machine Learning	NPTEL – IIT Madras (SWAYAM, MoE)	12 Weeks (Jul–Oct 2025)	55% (Certified)	Strengthens teaching & learning in AI/ML
2	Bandaru Ramadevi	FDP (AICTE Recognized)	Introduction to Machine Learning	NPTEL– AICTE, IIT Madras	12 Weeks (Jul–Oct 2025)	55% (Completed)	Faculty upskilling in emerging technologies
3	Devi Bandaru	Online Certification (Elite)	Introductory Organic Chemistry–II	NPTEL – IISER Pune	8 Weeks (Aug–Oct 2024)	65% (Elite)	Enhances subject expertise & academic delivery
4	Devi Bandaru	FDP	Introductory Organic Chemistry–II	NPTEL– AICTE	8 Weeks (Aug–Oct 2024)	Successfully Completed	Recognized FDP for career advancement
5	Chokkapu Narayana Rao	Research Publication	IoT Intrusion Detection using ML	Informatics & Automation Journal	2024	Published	Enhances institutional research output
6	Bandaru Ramadevi	Online Assignments	Continuous Assessment (ML Course)	NPTEL	12 Weeks	100% (25/25)	Demonstrates academic commitment
7	Devi Bandaru	Proctored Examination					
8	Chokkapu Narayanarao	NPTEL Elite Certification	Cyber Security and Privacy	NPTEL – IIT Madras (MoE, Govt. of India)	Jul–Oct 2024 (12 Weeks)	Elite, 60%	Strengthens cybersecurity teaching & research

S. No	Name of Faculty / Member	Type of Contribution	Course / Activity / Membership	Organizing Body / Platform	Duration / Validity	Performance / Status	Contribution to Institution
9	M. V. Anil Kumar	Faculty Development / Knowledge Sharing	Bloom's Revised Taxonomy – Higher Order Thinking	IBS–ICFAI Group	19 July 2025	Participated	Improves outcome-based teaching & assessment
10	Dr. B. Devi	Faculty Development / Knowledge Sharing	Bloom's Revised Taxonomy – Higher Order Thinking	IBS–ICFAI Group	19 July 2025	Participated	Enhances innovative pedagogy practices
11	Chokkapu Narayanarao	Teaching Excellence Award	Best Teacher of the Year 2024	CSC India – National Teaching Excellence Awards	11 Nov 2024	Awarded	Institutional recognition & academic prestige
12	Faculty Group (BCET)	Faculty Development Program	Faculty Knowledge Sharing Program	IBS–ICFAI Group	19 July 2025	Successfully Conducted	Promotes collaborative learning culture
13	Chokkapu Narayanarao	Professional Certification	Cyber Security & Privacy (Assignments + Proctored Exam)	SWAYAM–NPTEL	2024	Certified	Supports curriculum enrichment & mentoring

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

This certificate is awarded to

U SASIREKHA

for successfully completing the course

Introduction to Machine Learning

with a consolidated score of **55** %

Online Assignments	25/25	Proctored Exam	30/75

Total number of candidates certified in this course: **6928**

Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

Jul-Oct 2025

(12 week course)

Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

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NPTEL-AICTE
Faculty Development Programme

(Funded by the MoE, Govt. of India)

This certificate is awarded to

BANDARU RAMADEVI

for successfully completing the course

Introduction to Machine Learning

with a consolidated score of **55** %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jul-Oct 2025)

NPTEL-AICTE
Faculty Development Programme

(Funded by the MoE, Govt. of India)

This certificate is awarded to

BANDARU RAMADEVI

for successfully completing the course

Introduction to Machine Learning

with a consolidated score of   55   %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jul-Oct 2025)

NPTEL-AICTE
Faculty Development Programme

(Funded by the MoE, Govt. of India)

This certificate is awarded to

DEVI BANDARU

for successfully completing the course

Introductory Organic Chemistry II

with a consolidated score of **65** %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Aug-Oct 2024)

Roll No: NPTEL24CY60S452901855

Duration of NPTEL course : 8 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.

Elite

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Skill India
कौशल भारत - कुशल भारत

This certificate is awarded to

DEVI BANDARU

for successfully completing the course

Introductory Organic Chemistry II

with a consolidated score of **65** %

Online Assignments	18.75/25	Proctored Exam	46.4/75

Total number of candidates certified in this course: **217**

Santhanam

Prof. M. S. Santhanam
Dean, International Relations and Outreach
IISER Pune

Aug-Oct 2024

(8 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras

IISER PUNE
IISER - Indian Institute of Science Education
and Research Pune

FREE ONLINE EDUCATION
swayam
शिक्षित भारत, उन्नत भारत

Roll No: NPTEL24CY60S452901855

To verify the certificate

No. of credits recommended: 2 or 3

C. NARAYANARAO, V. MANDAPATI, B. BODDU
SYNERGISTIC APPROACHES TO ENHANCE IOT INTRUSION DETECTION: BALANCING FEATURES THROUGH COMBINED LEARNING

Narayanarao C., Mandapati V., Boddu B. **Synergistic Approaches to Enhance IoT Intrusion Detection: Balancing Features through Combined Learning.**

Abstract. The Internet of Things (IoT) plays a crucial role in ensuring security by preventing unauthorized access, malware infections, and malicious activities. IoT monitors network traffic as well as device behaviour to identify potential threats and take appropriate mitigation measures. However, there is a need for an IoT Intrusion Detection system with enhanced generalization capabilities, leveraging deep learning and advanced anomaly detection techniques. This study presents an innovative approach to IoT IDS that combines SMOTE-Tomek link and BTLBO, CNN with XGB classifier which aims to address data imbalances, improve model performance, reduce misclassifications, and improve overall dataset quality. The proposed IoT IDS system, using the IoT-23 dataset, achieves 99.90% accuracy and a low error rate, all while requiring significantly less execution time. This work represents a significant step forward in IoT security, offering a robust and efficient IDS solution tailored to the changing challenges of the interconnected world.

Keywords: min-max normalization, SMOTE-Tomek Link, BTLBO algorithm, CNN with XGB, Adam Optimizer.

1. Introduction. IoT is a system that connects items that may transfer information without the necessity for interactions between humans and computers, such as computing equipment, automated and digital technologies, objects, animals, and humans. IoT essentially connects the real and virtual worlds. IoT's primary idea is to create a secure, independent link that allows info interchange between actual physical devices and applications [1]. The IoT Analytics study reveals that over 11 billion IoT devices are connected and utilized. Additionally, it is demonstrated the number of devices has increased by more than 10%. It is predicted that over 21 billion linked IoT devices will be worldwide by 2025. Due to general use in several areas and businesses, such as agriculture, transportation, logistics, and healthcare are all examples of smart cities and smart homes, the IoT has seen tremendous growth in recent years [2]. Organisations that use IoT devices in information technology systems have introduced new cybersecurity risks. These new threats call into question fundamental assumptions such as operating ecosystem security, mobility, efficiency, and safety. New danger vectors risk financial and bodily well-being and affect lives' technical components [3, 4].

The ecosystem in which IoT devices are deployed is vulnerable to several threats [5] from outsiders, including hackers, malicious software, and viruses [6]. These hackers' primary objective is to launch assaults

Elite

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Skill India
कौशल भारत - कुशल भारत

This certificate is awarded to

CHOKKAPU NARAYANARAO

for successfully completing the course

Cyber Security and Privacy

with a consolidated score of **60** %

Online Assignments	25/25	Proctored Exam	34.67/75

Total number of candidates certified in this course: **6461**

Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

Jul-Oct 2024

(12 week course)

Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

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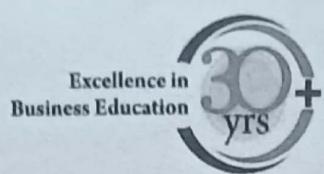
Certificate of Participation

This is to certify that

Mr. V. Anil Kumar, Asst. Professor, Behara College of Engg. and Tech.

For participated in the Knowledge Sharing Program on

**"Bloom's Revised Taxonomy - The Art of Invoking Higher Order
Thinking Among Our Students!"**

at Hotel Fortune Inn Sreekanya, Diamond Park , Vizag on 19th July'2025.

Program Coordinator

Director

Faculty Knowledge Sharing Program - 19th July'2025, Fortune Inn Sreekanya Hotel , Vishakapatnam

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For participated in the Knowledge Sharing Program on

**"Bloom's Revised Taxonomy - The Art of Invoking Higher Order
Thinking Among Our Students!"**

at Hotel Fortune Inn Sreekanya, Diamond Park , Vizag on 19th July'2025.

Program Coordinator

Director

CERT. NO. : CSCINDAP-2024-25/EDV-1666

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_____
Senior Consultant
CSC India

S.No	Programme / FDP / Course Title	Type	Organizing Institution
1	OBE & NEP 2020	FDP (One Week)	PBR Visvodaya Institute of Technology & Science & VIT-AP
2	Introduction to Machine Learning for Cyber Security	FDP (One Day)	Behara College of Engineering & Technology
3	Higher Education in an AI Centered World	International FDP	PES University
4	Next-Generation IoT: Convergence of Designing Robust & Scalable Applications	FDP (One Week)	Avanthi Institute of Engineering & Technology
5	Gen-AI and Prompt Engineering Using Microsoft Copilot	International FDP	BNMIT, DY Patil Univ., Marwadi Univ.
6	AI Tools and Techniques for Research	FDP	Andhra Loyola College
7	Cloud Computing Using AWS	FDP (One Week)	Mohan Babu University
8	AI for Students: Build Your Own Generative AI Model	Appreciation / Workshop	NxtWave
9	Artificial Intelligence & Data Analytics	FDP (National Level)	Madanapalle Institute of Technology & Science
10	AI Tools	FDP (National Level)	Behara College of Engineering & Technology
11	Recent Advancements in AI & IoT – Industry Perspective	FDP (National Level)	Periyar Maniammai Institute of Science & Technology
12	Business Intelligence using Python	FDP (One Week)	Behara College of Engineering & Technology
13	Java Full Stack with React JS & AI	STTP (National Level)	Behara College of Engineering & Technology
14	Innovative Research Methodologies & Best Practices	National Webinar	IEHE, Bhopal
15	Advances in AI for Healthcare	FDP (Five Days)	Christ (Deemed to be) University
16	AI and IoT for Next Generation Smart Healthcare Systems	FDP (One Week)	Aditya Institute of Technology & Management
17	Generative AI	FDP	Behara College of Engineering & Technology
18	Semiconductors for Smart Systems: Applications in IoT, AI & Next-Gen Devices	ATAL FDP	AICTE – ATAL Academy
19	Drone Assembly, Fundamentals, and Applications	AICTE Recognized FDP	NITTTR, Chandigarh
20	Intelligent Technologies and Computing Paradigms for the Future	International STTP	Vignan's Institute of Engineering for Women

S.No	Programme / FDP / Course Title	Type	Organizing Institution
21	Introduction to Machine Learning	NPTEL Course	IIT / NPTEL
22	Advanced Embedded & VLSI Technologies for Space Borne Systems and Computational Intelligence	FDP (National Level)	Visakha Institute of Engineering & Technology
23	Research Advancements in Machine Learning for Engineering Applications	ATAL FDP	AICTE – ATAL Academy
24	Exploring AI using IBM Watson and Google Colab	ATAL FDP	AICTE – ATAL Academy
25	Quantum Computing	ATAL FDP	AICTE – ATAL Academy
26	Mastering Cloud Computing Essentials with AWS	AICTE Recognized FDP	NITTTR, Chandigarh

PBR VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE

(AUTONOMOUS)
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KAVALI – 524201, S.P.S.R Nellore Dist., A.P., India.

CERTIFICATE OF PARTICIPATION

This certificate is presented to

K.S.P.KEERTHI

of

Behara College of Engineering and Technology

for the successful completion of one week Faculty Development Program (FDP) on
"**OBE & NEP 2020**", during 10th to 14th June 2024, jointly organized by **Internal Quality Assurance Cell - IQAC**, **PBR VITS**, Kavali and **VIT-AP University**, Amaravathi.

Eminent Speakers

*Dr. P S Rama Sreekanth, Director, RAAC, VIT-AP   * Dr. Chandu D S, Asst. Director, RAAC, VIT-AP

_____
Co-Coordinator, IQAC

_____
Coordinator, IQAC

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e-mail: beharaenggclg@gmail.com   www.bcet.in

CERTIFICATE
OF PARTICIPATION

THIS CERTIFICATE IS PRESENTED TO

K.S.P.KEERTHI
ASSISTANT PROFESSOR
BEHARA COLLEGE OF ENGINEERING AND TECHNOLOGY

has successfully participated in a One-Day Professional Development Program on 'Introduction to Machine Learning for Cyber Security,' organized by the Department of Computer Science and Engineering, Behara College of Engineering and Technology, in collaboration with Pencil Bitz on 24th December 2024

Mr. Ch NarayanaRao
Associate Professor & HoD
Computer Science and Engineering

Dr V Sridhar Patnaik
Principal

Sangeetha Subramaniam
Founder & CEO Pencil bitz

PES UNIVERSITY

INTERNATIONAL FDP
ON
'HIGHER EDUCATION IN AN AI CENTERED WORLD'

This is to certify that **K.S.P.KEERTHI** has participated in the International FDP organized by the Faculty of Management & Commerce in association with Centre of Excellence - Centre for Sustainability and Business - PES University - Bengaluru - India on 17th September 2024.

4 QUALITY EDUCATION

Pavan Kulkarni
Director – Centre for Sustainability & Business
PES University

Dr.Shailashree Haridas
Dean – Faculty of Management & Commerce
PES University

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PARTICIPATION CERTIFICATE

This is to Certify that **K.S.P.KEERTHI, ASSISTANT PROFESSOR , CSE** of ***Behara College of Engineering and Technology*** has participated in One-Week Online Faculty Development Program on "**Next-Generation IoT: The Convergence of Designing Robust and Scalable Applications**" organised by the Department of Electronics and Communication Engineering, Avanthi Institute of Engineering and Technology (A), Makavarapalem from 02-12-2024 to 07-12-2024.

Dr. C.P.V.N.J.Mohan Rao
Co- Patron

Dr. E.Govinda
Co-Ordinator

Dr. R.Prasad Rao
Co- Coordinator

Certificate Of Participation

Awarded To

K S P Keerthi

Participated in 5 Days International Faculty Development Program on
Gen-AI and Prompt Engineering Using Microsoft Co-Pilot
organized by BNM Institute of Technology Bangalore (BNMIT) – Karnataka,
D.Y. Patil Agriculture and Technical University Talsande – Maharashtra,
and Marwadi University Rajkot - Gujarat in Collaboration with ExcelR Edtech Pvt. Ltd.
Date: 16th Sep to 20th Sep 2024.

Dr. S Y Kulkarni
Principal
BNM Institute of Technology

Dr. Rajendrasinh B Jadeja
Principal
Marwadi University

Prof. (Dr.) K. Prathapan
Vice Chancellor
D Y Patil Agriculture and Technical
University

Ram Tavva
CEO,
ExcelR Edtech Pvt. Ltd.

Cert No: EXCELR-FDP-79464/26092024

ANDHRA LOYOLA COLLEGE (AUTONOMOUS), VIJAYAWADA
Department of Business Administration

CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

K.S.P.KEERTHI,

Assistant professor ,
Behara College of Engineering and Technology ,
has attended the Faculty Development Programme on **"AI Tools and Techniques for Research"** organized by the **Department of Business Administration & IQAC, Andhra Loyola College,**
from 9th to 13th December, 2024

Dr.B.R.Kumar
Coordinator

Dr.A.Madhuri
Convener

Rev.Fr.Dr.G.A.P.Kishore,SJ
Principal

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Cert No: AWS-FDP-137

Certificate of Participation

This is to certify that Mr. / Ms. / Dr. **K.S.P. KEERTHI, Assistant Professor, Behara College of Engineering and Technology** has actively participated and successfully completed One Week Virtual Hands-on Faculty Development Program on **"Cloud Computing Using AWS"** organized by Mohan Babu University, Tirupati in collaboration with APSSDC, Guntur from 08-07-2024 to 13-07-2024.

Dr. B.M. Sathish
Dean, SOE&C

Dr. K. Ramani
Convener

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Certificate
of Appreciation

VERIFIED ACHIEVEMENT

Issued to

K.S.P.KEERTHI

Assistant Professor

has played an instrumental role executing the workshop 'AI for Students: **Build Your Own Generative AI Model'** conducted by **AI expert and IIT Delhi alumnus, Mr. Trivikrama.** The workshop is designed to equip students with skills essential in the AI era.

Rahul A

Rahul A
CEO, NxtWave

Issue Date: 7/13/2024

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
(ARTIFICIAL INTELLIGENCE)

CERTIFICATE OF PARTICIPATION

This is to certify that

Mrs.K.S.P.KEERTHI,Asst. Professor

Behara College of Engineering and Technology

has completed Five Days National Level Online Faculty Development Programme on "Artificial Intelligence & Data Analytics " from 16.09.2024 to 20.09.2024 organized by Department of Computer Science & Engineering (Artificial Intelligence) Madanapalle Institute of Technology & Science , Madanapalle - 517325.

Dr. S. Sathya
Co – ordinator

Dr. K. Chokkanathan
Head of the Department

Dr. C. Yuvaraj
Principal

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CERTIFICATE
of participation

ID: NFDP-BBH010

This certificate is proudly awarded to

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has successfully Participated in the

One Week National Level **Faculty Development Program** on **AI Tools organized** by

Behara College of Engineering and Technology

in association with

Brainovision Solutions India Pvt Ltd

in collaboration with

All India Council For Technical Education (AICTE)

During the period of **17th to 21st February 2025.**

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Mr Chokkapu NarayanaRao
Associate Professor & HOD

Dr V Sridhar Patnaik
Principal

GANESH NAGU DODDI
Founder & CEO
Brainovision Solutions
India Pvt. Ltd.

Dr. BUDDHA CHANDRASEKHAR
Chief Coordinating Officer- AICTE
All India Council for Technical
Education

Periyar Maniammai Institute of Science & Technology

(Deemed to be university) , Vallam , Thanjavur

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Mrs.K.S.P.KEERTHI

BEHARA COLLEGE OF ENGINEERING AND TECHNOLOGY

for successful participation and completion of

ONE WEEK NATIONAL LEVEL FACULTY DEVELOPMENT PROGRAMME on

RECENT ADVANCEMENTS IN AI & IOT – INDUSTRY PERSPECTIVE

organised by Department of Computer Applications ,

Periyar Maniammai Institute of Science & Technology (PMIST), Vallam,

Thanjavur in association with Pantech Solutions

during the Period 25/11/2024 – 30/11/2024.

Dr. G. Preethi
Co- Convenor, AP(SG) , PMIST

Mr. M. Anand
Co- Convenor, AP(SG) , PMIST

Dr. D. Ruby
HoD/CA, PMIST

Dr. D. Maghesh Kumar
Dean / FCSA, PMIST

Mr.Senthilkumar.M R
Director - Technical , Pantech Group

CERTIFICATE
OF PARTICIPATION

BEHARA EDUCATIONAL INSTITUTIONS
Narava, Visakhapatnam

This is to certify that

KANTHIMAHANTI SUMA PURNIMA KEERTHI

has actively participated

in **1 Week Faculty Development Programme** on **Business Intelligence using Python** from **19 May to 23 May 2025**, Organized by Department of Computer Science and Engineering, **Behara College of Engineering and Technology** in association with **Pantech e Learning.**

M R Senthil Kumar
Director, Pantech e-Learning Pvt. Ltd.

Dr. v. Sridhar Patnaik
Principal, BCET

Ch NarayanaRao
HOD CSE, BCET

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K.S.P. KEERTHI

Organized by Behara College of Engineering & Technology,

In Association with Brainovision Solutions India Pvt. Ltd., Hyderabad, Telangana.

and All India Council for Technical Education(AICTE).

During the period Dec 2nd- Dec 22nd, 2024.

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Ganesh Nagu Doddi
Founder & CEO
Brainovision Solutions India Pvt. Ltd.

BRAINOVISION SOLUTIONS INDIA PVT. LTD.
HYDERABAD

Dr.Buddha Chandrasekhar
Chief Coordinating Officer – AICTE
All India Council for Technical Education

Institute for Excellence in Higher Education, Bhopal, Madhya Pradesh, India

Two Days National Webinar on

Innovative Research Methodologies & Best Practices - 26th & 27th June 2024

Certificate of Participation

This is to certify that Prof./Dr./Mrs./Ms./Mr. K.S.P.KEERTHI, Assistant Professor, Behara College of Engineering and Technology has participated in Two day National Webinar on Innovative Research Methodologies & Best Practices organized by IQAC, IEHE Bhopal on 26th-27th June 2024

Dr. Manoj Ughade
Organizing Secretary

Dr. Ram Milan Singh
Convener

Dr. Anuj Hundet
Coordinator IQAC

Dr Pragyesh Kumar Agrawal
Director

Christ (Deemed to be) University
Department of AI & Data Science

This is to certify that

Garbham Srikanth

from

Behara College Of Engineering And Technology

has participated in the **FIVE DAYS ONLINE FACULTY DEVELOPMENT PROGRAMME** on **"ADVANCES IN AI FOR HEALTHCARE"** from 5th to 9th January 2026, organised by the Department of AI and Data Science, Christ (Deemed to be) University, Kengeri Campus, Bangalore.

Dr. Michael Moses T,
Head of Department

Dr. Mary Anita E A,
Associate Dean

CERTIFICATE OF PARTICIPATION

This is to certify that

SASIREKHA U

Assistant Professor, BEHARA COLLEGE OF ENGINEERING AND TECHNOLOGY, has Successfully Participated in One Week (6 Day) Online Faculty Development Program on *"AI and IoT for Next Generation Smart Healthcare Systems (AINGS-2025)"* Organized by Department of Electronics and Communication Engineering from 15-12-2025 to 20-12-2025.

Dr. Kiran Kumar Patro	Dr. V. Ashok Kumar	Dr. A. S Srinivasa Rao	Prof. V. V. Nageswara Rao
Coordinator	Convener	Principal	Director

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CERTIFICATE

OF PARTICIPATION

PROUDLY PRESENTED TO

U SASIREKHA

for successfully completing the
Faculty Development Program (FDP) on

"GENERATIVE AI"

held from **4th August 2025** to **8th August 2025**,
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and hosted by

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Your active participation reflects a strong commitment to advancing academic
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Ganesh Nagu Doddi
Founder & CEO
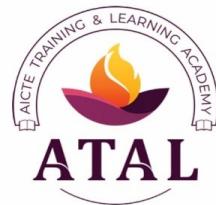Brainovision Solutions India Pvt. Ltd

Mrs K.S.P.Keerthi
Assistant Professor
Computer Science and Engineering

Mr Ch. Narayana Rao
Associate Professor & HOD
Computer Science and Engineering

Dr V. Sridhar Patnaik
Principal

Dr Chandrasekhar Buddha
Chief Coordinating Officer – AICTE
All India Council for Technical Education

ISSUED DATE:09-08-2025

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AICTE Training and Learning (ATAL) Academy

Certificate

It is certified that **Dr. Devi Bandaru, Associate Professor** *of* **Behara Engineering college** *has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on* **Semiconductors for Smart Systems: Applications in IoT, AI and Next-Gen Devices** *at* **SHREE SATHYAM COLLEGE OF ENGINEERING AND TECHNOLOGY** *from* **06/10/2025** *to* **11/10/2025.**

Sujatha V
Professor Level (AICTE Institute), Coordinator
**SHREE SATHYAM COLLEGE OF ENGINEERING
AND TECHNOLOGY**

Dr. Sunil Luthra
Director & Bureau Head
Training and Learning Bureau, AICTE

National Institute of Technical Teachers Training and Research Chandigarh

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

Certificate

This is to certify that

GARBHAM SRIKANTH

BEHARA COLLEGE OF ENGINEERING AND TECHNOLOGY, NARAVA, VISAKHAPATNAM
ANDHRA PRADESH

Participated in the AICTE Recognized Faculty Development Programme

on

Drone Assembly, Fundamentals, and Applications

Conducted by

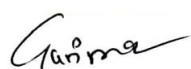**Electronics and Communication Engineering Department**

from

30/06/2025 to 04/07/2025 (One Week)

at

NITTTR, Chandigarh

Coordinator

Director

VIGNAN's INSTITUTE OF ENGINEERING FOR WOMEN
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This is to certify that.................**SASIREKHA U**...

from................**18th August to 24th August 2025**..................................

has completed One Week International Short Term Training Program-(ISTTP) on **INTELLIGENT TECHNOLOGIES AND COMPUTING PARADIGMS FOR THE FUTURE** organized by the Department of Computer Science & Engineering and Information Technology, Vignan's Institute of Engineering for Women (A), Visakhapatnam.

Convenor
Dr. E. Laxmi Lydia

Principal
Dr. B. Arundhati

NPTEL-AICTE
Faculty Development Programme

(Funded by the MoE, Govt. of India)

This certificate is awarded to

U SASIREKHA

for successfully completing the course

Introduction to Machine Learning

with a consolidated score of **55** %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jul-Oct 2025)

VIGNAN's INSTITUTE OF ENGINEERING FOR WOMEN
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from...................**18th August to 24th August 2025**..

has completed One Week International Short Term Training Program-(ISTTP) on **INTELLIGENT TECHNOLOGIES AND COMPUTING PARADIGMS FOR THE FUTURE** organized by the Department of Computer Science & Engineering and Information Technology, Vignan's Institute of Engineering for Women (A), Visakhapatnam.

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OF PARTICIPATION

Mrs.SASIREKHA U

Computer science and Engineering

Behara college of Engineering and technology

has actively participated in Two Days National Level FDP on "**Robotics & Artificial Intelligence**" Organized by Learnix Thrive from 23rd August to 24th August, 2025.

24 August, 2025

DATE

CEO of Learnix Thrive

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From **MIT WPU** Has Participated And Successfully Completed The One Week National Level Online **Faculty Development Programme** On **"ADVANCED EMBEDDED AND VLSI TECHNOLOGIES FOR SPACE BORNE SYSTEMS AND COMPUTATIONAL INTELLIGENCE"** From 18th To 23rd Dec 2025 Organized By The Department Of Electronics And Communication Engineering, **VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY**

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S.SURESH KUMAR

From **Lendi IET** Has Participated And Successfully Completed The One Week National Level Online **Faculty Development Programme** On **"ADVANCED EMBEDDED AND VLSI TECHNOLOGIES FOR SPACE BORNE SYSTEMS AND COMPUTATIONAL INTELLIGENCE"** From 18th To 23rd Dec 2025 Organized By The Department Of Electronics And Communication Engineering, **VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY**

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KARUNAIAH BONIGALA

From **Sri Indu College of engineering and technology Hyderabad** Has Participated And Successfully Completed The One Week National Level Online **Faculty Development Programme** On **"ADVANCED EMBEDDED AND VLSI TECHNOLOGIES FOR SPACE BORNE SYSTEMS AND COMPUTATIONAL INTELLIGENCE"** From 18th To 23rd Dec 2025 Organized By The Department Of Electronics And Communication Engineering, **VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY**

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V.N.RATNAM

From **Viskha institute of engineering and technology** Has Participated And Successfully Completed The One Week National Level Online **Faculty Development Programme** On **"ADVANCED EMBEDDED AND VLSI TECHNOLOGIES FOR SPACE BORNE SYSTEMS AND COMPUTATIONAL INTELLIGENCE"** From 18th To 23rd Dec 2025 Organized By The Department Of Electronics And Communication Engineering, **VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY**

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KALLA SANDHYA

From **Visakha institute of engineering and technology** Has Participated And Successfully Completed The One Week National Level Online **Faculty Development Programme** On **"ADVANCED EMBEDDED AND VLSI TECHNOLOGIES FOR SPACE BORNE SYSTEMS AND COMPUTATIONAL INTELLIGENCE"** From 18th To 23rd Dec 2025 Organized By The Department Of Electronics And Communication Engineering, **VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY**

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VIJAYASREE JASTHI

From **Vignan's Institute of Information Technology** Has Participated And Successfully Completed The One Week National Level Online **Faculty Development Programme** On **"ADVANCED EMBEDDED AND VLSI TECHNOLOGIES FOR SPACE BORNE SYSTEMS AND COMPUTATIONAL INTELLIGENCE"** From 18th To 23rd Dec 2025 Organized By The Department Of Electronics And Communication Engineering, **VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY**

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BANDARU HEMA VARSHINI

From **VNIT nagpur** Has Participated And Successfully Completed The One Week National Level Online **Faculty Development Programme** On **"ADVANCED EMBEDDED AND VLSI TECHNOLOGIES FOR SPACE BORNE SYSTEMS AND COMPUTATIONAL INTELLIGENCE"** From 18th To 23rd Dec 2025 Organized By The Department Of Electronics And Communication Engineering, **VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY**

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SAGARIKA.M

From **Visakha engeneering college,vizag** Has Participated And Successfully Completed The One Week National Level Online **Faculty Development Programme** On **"ADVANCED EMBEDDED AND VLSI TECHNOLOGIES FOR SPACE BORNE SYSTEMS AND COMPUTATIONAL INTELLIGENCE"** From 18th To 23rd Dec 2025 Organized By The Department Of Electronics And Communication Engineering, **VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY**

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CHAITANYA LIZI

From **vishaka college of engineering** Has Participated And Successfully Completed The One Week National Level Online **Faculty Development Programme** On **"ADVANCED EMBEDDED AND VLSI TECHNOLOGIES FOR SPACE BORNE SYSTEMS AND COMPUTATIONAL INTELLIGENCE"** From 18th To 23rd Dec 2025 Organized By The Department Of Electronics And Communication Engineering, **VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY**

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SATYA SRAVANI VANTU

From **Visakha institute of engineering and technology** Has Participated And Successfully Completed The One Week National Level Online **Faculty Development Programme** On **"ADVANCED EMBEDDED AND VLSI TECHNOLOGIES FOR SPACE BORNE SYSTEMS AND COMPUTATIONAL INTELLIGENCE"** From 18th To 23rd Dec 2025 Organized By The Department Of Electronics And Communication Engineering, **VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY**

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RAPARTHI PRAMEELA

From **Visakha institute of engineering and technology** Has Participated And Successfully Completed The One Week National Level Online **Faculty Development Programme** On **"ADVANCED EMBEDDED AND VLSI TECHNOLOGIES FOR SPACE BORNE SYSTEMS AND COMPUTATIONAL INTELLIGENCE"** From 18th To 23rd Dec 2025 Organized By The Department Of Electronics And Communication Engineering, **VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY**

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PARTICIPATION CERTIFICATE

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R SOWJANYA

From **Lendi institute of engineering and technology** Has Participated And Successfully Completed The One Week National Level Online **Faculty Development Programme** On **"ADVANCED EMBEDDED AND VLSI TECHNOLOGIES FOR SPACE BORNE SYSTEMS AND COMPUTATIONAL INTELLIGENCE"** From 18th To 23rd Dec 2025 Organized By The Department Of Electronics And Communication Engineering, **VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY**

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ANIMIREDDI LAKSHMI

From **Vishakha institute of engineering technology** Has Participated And Successfully Completed The One Week National Level Online **Faculty Development Programme** On **"ADVANCED EMBEDDED AND VLSI TECHNOLOGIES FOR SPACE BORNE SYSTEMS AND COMPUTATIONAL INTELLIGENCE"** From 18th To 23rd Dec 2025 Organized By The Department Of Electronics And Communication Engineering, **VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY**

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BOYA SIVA KRISHNA

From **Vishakha institute of engineering and technology** Has Participated And Successfully Completed The One Week National Level Online **Faculty Development Programme** On **"ADVANCED EMBEDDED AND VLSI TECHNOLOGIES FOR SPACE BORNE SYSTEMS AND COMPUTATIONAL INTELLIGENCE"** From 18th To 23rd Dec 2025 Organized By The Department Of Electronics And Communication Engineering, **VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY**

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MADHIREDDI BHASKARA NAIDU

From **VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY** Has Participated And Successfully Completed The One Week National Level Online **Faculty Development Programme** On **"ADVANCED EMBEDDED AND VLSI TECHNOLOGIES FOR SPACE BORNE SYSTEMS AND COMPUTATIONAL INTELLIGENCE"** From 18th To 23rd Dec 2025 Organized By The Department Of Electronics And Communication Engineering, **VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY**

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KUNDRAPU SARALA

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PALISETTY MOHAN KRISHNA

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BURIDI GANESH

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V ANIL KUMAR

From **BEHARA COLLEGE OF ENGINEERING AND TECHNOLOGY** Has Participated And Successfully Completed The One Week National Level Online **Faculty Development Programme** On **"ADVANCED EMBEDDED AND VLSI TECHNOLOGIES FOR SPACE BORNE SYSTEMS AND COMPUTATIONAL INTELLIGENCE"** From 18th To 23rd Dec 2025 Organized By The Department Of Electronics And Communication Engineering, **VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY**

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G AMAN NISTCHAL

From **Vizag institute of technology** Has Participated And Successfully Completed The One Week National Level Online **Faculty Development Programme** On **"ADVANCED EMBEDDED AND VLSI TECHNOLOGIES FOR SPACE BORNE SYSTEMS AND COMPUTATIONAL INTELLIGENCE"** From 18th To 23rd Dec 2025 Organized By The Department Of Electronics And Communication Engineering, **VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY**

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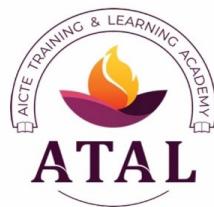
Nelson Mandela Marg, Vasant Kunj, New Delhi -110070

AICTE Training and Learning (ATAL) Academy

Certificate

It is certified that **Mrs. K.S.P KEERTHI, Assistant Professor** *of* **Behara College of Engineering and Technology** *has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on* **Research Advancements in Machine Learning for Engineering Applications** *at* **SASI INSTITUTE OF TECHNOLOGY & ENGINEERING** *from* **20/01/2025** *to* **25/01/2025.**

Lakshminarayana Janjanam
Associate Professor Level (AICTE Institute), Coordinator
**SASI INSTITUTE OF TECHNOLOGY &
ENGINEERING**

Dr. Sunil Luthra
Director & Bureau Head
Training and Learning Bureau, AICTE
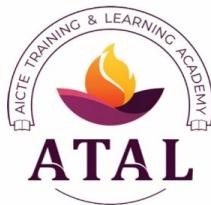
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi -110070

AICTE Training and Learning (ATAL) Academy

Certificate

It is certified that **Mrs. K.S.P KEERTHI, Assistant Professor** *of* **Behara College of Engineering and Technology** *has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on* **EXPLORING AI USING IBM WATSON AND GOOGLE COLAB** *at* **GURUKULA KANGRI VISHWAVIDYALAYA HARIDWAR** *from 03/02/2025 to 08/02/2025.*
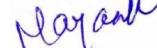
Mayank Aggarwal
Professor Level (AICTE Institute), Coordinator
GURUKULA KANGRI VISHWAVIDYALAYA HARIDWAR

Dr. Sunil Luthra
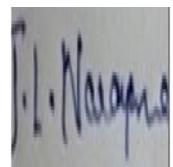Director & Bureau Head
Training and Learning Bureau, AICTE
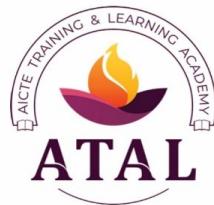
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

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AICTE Training and Learning (ATAL) Academy

Certificate

It is certified that **Mrs. K.S.P KEERTHI, Assistant Professor** of **Behara College of Engineering and Technology** has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on **Quantum Computing** at **KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCES** from **10/02/2025** to **15/02/2025.**

T Jemima Jebaseeli
Associate Professor Level (AICTE Institute), Coordinator
KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCES

Dr. Sunil Luthra
Director & Bureau Head
Training and Learning Bureau, AICTE

National Institute of Technical Teachers Training and Research Chandigarh

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

Certificate

This is to certify that

K.S.P.KEERTHI

Behara College of Engineering and Technology, Visakhapatnam Andhra Pradesh

Participated in the AICTE Recognized Faculty Development Programme

on

Mastering Cloud Computing Essentials with AWS

Conducted by

Computer Science and Engineering Department

from

03/03/2025 to 07/03/2025 (One Week)

at

NITTTR, Chandigarh

Coordinator

Director

PBR VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE

(AUTONOMOUS)
(Affiliated to J.N.T.U.A, Approved by AICTE and Accredited by NAAC)
KAVALI – 524201, S.P.S.R Nellore Dist., A.P., India.

VIT-AP UNIVERSITY

CERTIFICATE OF PARTICIPATION

This certificate is presented to

K.S.P.KEERTHI

of

Behara College of Engineering and Technology

for the successful completion of one week Faculty Development Program (FDP) on
"**OBE & NEP 2020**", during 10th to 14th June 2024, jointly organized by **Internal Quality Assurance Cell - IQAC**, **PBR VITS**, Kavali and **VIT-AP University**, Amaravathi.

Eminent Speakers

*Dr. P S Rama Sreekanth, Director, RAAC, VIT-AP   * Dr. Chandu D S, Asst. Director, RAAC, VIT-AP

_____
Co-Coordinator, IQAC

_____
Coordinator, IQAC

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e-mail: beharaenggclg@gmail.com   www.bcet.in

CERTIFICATE
OF PARTICIPATION

THIS CERTIFICATE IS PRESENTED TO

K.S.P.KEERTHI
ASSISTANT PROFESSOR
BEHARA COLLEGE OF ENGINEERING AND TECHNOLOGY

has successfully participated in a One-Day Professional Development Program on 'Introduction to Machine Learning for Cyber Security,' organized by the Department of Computer Science and Engineering, Behara College of Engineering and Technology, in collaboration with Pencil Bitz on 24th December 2024

Mr. Ch NarayanaRao
Associate Professor & HoD
Computer Science and Engineering

Dr V Sridhar Patnaik
Principal

Sangeetha Subramaniam
Founder & CEO Pencil bitz

PES UNIVERSITY

INTERNATIONAL FDP
ON
'HIGHER EDUCATION IN AN AI CENTERED WORLD'

This is to certify that **K.S.P.KEERTHI** has participated in the International FDP organized by the Faculty of Management & Commerce in association with Centre of Excellence - Centre for Sustainability and Business - PES University - Bengaluru - India on 17th September 2024.

Pavan Kulkarni
Director – Centre for Sustainability & Business
PES University

Dr.Shailashree Haridas
Dean – Faculty of Management & Commerce
PES University

AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY
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Tamaram (V), Makavarapalem, Anakapalle Dist, Pin-531113.

PARTICIPATION CERTIFICATE

This is to Certify that **K.S.P.KEERTHI, ASSISTANT PROFESSOR , CSE** of ***Behara College of Engineering and Technology*** has participated in One-Week Online Faculty Development Program on "**Next-Generation IoT: The Convergence of Designing Robust and Scalable Applications**" organised by the Department of Electronics and Communication Engineering, Avanthi Institute of Engineering and Technology (A), Makavarapalem from 02-12-2024 to 07-12-2024.

Dr. C.P.V.N.J.Mohan Rao
Co- Patron

Dr. E.Govinda
Co-Ordinator

Dr. R.Prasad Rao
Co- Coordinator

Certificate Of Participation

Awarded To

K S P Keerthi

Participated in 5 Days International Faculty Development Program on
Gen-AI and Prompt Engineering Using Microsoft Co-Pilot
organized by BNM Institute of Technology Bangalore (BNMIT) – Karnataka,
D.Y. Patil Agriculture and Technical University Talsande – Maharashtra,
and Marwadi University Rajkot - Gujarat in Collaboration with ExcelR Edtech Pvt. Ltd.
Date: 16th Sep to 20th Sep 2024.

Dr. S Y Kulkarni
Principal
BNM Institute of Technology

Dr. Rajendrasinh B Jadeja
Principal
Marwadi University

Prof. (Dr.) K. Prathapan
Vice Chancellor
D Y Patil Agriculture and Technical
University

Ram Tavva
CEO,
ExcelR Edtech Pvt. Ltd.

Cert No: EXCELR-FDP-79464/26092024

ANDHRA LOYOLA COLLEGE (AUTONOMOUS), VIJAYAWADA
Department of Business Administration

CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

K.S.P.KEERTHI,

Assistant professor ,
Behara College of Engineering and Technology ,

has attended the Faculty Development Programme on **"AI Tools and Techniques for Research"** organized by the **Department of Business Administration & IQAC, Andhra Loyola College,**
from 9th to 13th December, 2024

Dr.B.R.Kumar
Coordinator

Dr.A.Madhuri
Convener

Rev.Fr.Dr.G.A.P.Kishore,SJ
Principal

MOHAN BABU UNIVERSITY

Sree Sainath Nagar, Tirupati – 517 102

MBU MOHAN BABU UNIVERSITY — DREAM. BELIEVE. ACHIEVE

Skill AP — APSSDC

Cert No: AWS-FDP-137

Certificate of Participation

This is to certify that Mr. / Ms. / Dr. **K.S.P. KEERTHI, Assistant Professor, Behara College of Engineering and Technology** has actively participated and successfully completed One Week Virtual Hands-on Faculty Development Program on **"Cloud Computing Using AWS"** organized by Mohan Babu University, Tirupati in collaboration with APSSDC, Guntur from 08-07-2024 to 13-07-2024.

Dr. B.M. Sathish
Dean, SOE&C

Dr. K. Ramani
Convener

NXT WAVE ™

Certificate
of Appreciation

VERIFIED ACHIEVEMENT

Issued to

K.S.P.KEERTHI

Assistant Professor

has played an instrumental role executing the workshop 'AI for Students: **Build Your Own Generative AI Model'** conducted by **AI expert and IIT Delhi alumnus, Mr. Trivikrama.**
The workshop is designed to equip students with skills essential in the AI era.

Issue Date: 7/13/2024

Rahul A

Rahul A
CEO, NxtWave

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (ARTIFICIAL INTELLIGENCE)

CERTIFICATE OF PARTICIPATION

This is to certify that

Mrs.K.S.P.KEERTHI,Asst. Professor

Behara College of Engineering and Technology

has completed **Five Days National Level Online Faculty Development Programme** on **"Artificial Intelligence & Data Analytics "** from 16.09.2024 to 20.09.2024 organized by Department of Computer Science & Engineering (Artificial Intelligence) Madanapalle Institute of Technology & Science , Madanapalle - 517325.

Dr. S. Sathya
Co – ordinator

Dr. K. Chokkanathan
Head of the Department

Dr. C. Yuvaraj
Principal

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e-mail: beharaenggclg@gmail.com, principal@beharaengg.edu.in
www.bcet.in
Ph: 9666637234

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BRAIN O VISION
Brain O Vision Solutions India Pvt. Ltd...

CERTIFICATE
of participation

ID : NFDP-BBH010

This certificate is proudly awarded to

KANTHIMAHANTI SUMA PURNIMA KEERTHI

has successfully Participated in the
One Week National Level **Faculty Development Program** on **AI Tools organized** by

Behara College of Engineering and Technology

in association with

Brainovision Solutions India Pvt Ltd

in collaboration with

All India Council For Technical Education (AICTE)

During the period of **17th to 21st February 2025.**
We commend your dedication to enhancing your knowledge with **AI TOOLS**.

Mr Chokkapu NarayanaRao
Associate Professor & HOD

Dr V Sridhar Patnaik
Principal

GANESH NAGU DODDI
Founder & CEO
Brainovision Solutions
India Pvt. Ltd.

Dr. BUDDHA CHANDRASEKHAR
Chief Coordinating Officer- AICTE
All India Council for Technical
Education

Periyar Maniammai Institute of Science & Technology

(Deemed to be university) , Vallam , Thanjavur

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DIGITAL LEARNING SIMPLIFIED

CERTIFICATE OF COMPLETION

FACULTY DEVELOPMENT PROGRAMME

Cert No PMPSFDP1464

proudly presented to

Mrs.K.S.P.KEERTHI

BEHARA COLLEGE OF ENGINEERING AND TECHNOLOGY

for successful participation and completion of

ONE WEEK NATIONAL LEVEL FACULTY DEVELOPMENT PROGRAMME on

RECENT ADVANCEMENTS IN AI & IOT – INDUSTRY PERSPECTIVE

organised by Department of Computer Applications ,

Periyar Maniammai Institute of Science & Technology (PMIST), Vallam,

Thanjavur in association with Pantech Solutions

during the Period 25/11/2024 – 30/11/2024.

Dr. G. Preethi
Co- Convenor, AP(SG) , PMIST

Mr. M. Anand
Co- Convenor, AP(SG) , PMIST

Dr. D. Ruby
HoD/CA, PMIST

Dr. D. Maghesh Kumar
Dean / FCSA, PMIST

Mr.Senthilkumar.M R
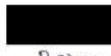Director - Technical , Pantech Group

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi -110070

Participant Completion Certificate

It is certified that **Mr. SAI GANESH MOPADA, Assistant Professor** *of BEHARA COLLEGE OF ENGINEERING AND TECHNOLOGY has successfully participated & completed* **Seminar** *under* **AICTE - Vibrant Advocacy for Advancement and Nurturing of Indian Languages (VAANI)** *on* **Sustainability and Energy Management of Renewable Energy Systems** *in* **Telugu** *language at* NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY *from* **11/09/2025** *to* **12/09/2025.**

R S R KRISHNAM NAIDU
Professor Level (AICTE Institute), Coordinator
**NADIMPALLI SATYANARAYANA RAJU
INSTITUTE OF TECHNOLOGY**

Dr. Sunil Luthra
Director & Bureau Head
Training and Learning Bureau, AICTE

VIGNAN's INSTITUTE OF ENGINEERING FOR WOMEN
(AUTONOMOUS)

(Approved by AICTE & Affiliated to JNTU-GV) Accredited by **NAAC** with '**A+**' Grade NBA For UG Programmes of **EEE, ECE, CSE & IT**

Kapujaggarajupeta, Visakhapatnam

Certification of Participation

INTELLIGENT TECHNOLOGIES AND COMPUTING PARADIGMS FOR THE FUTURE

This is to certify that....**SAI GANESH MOPADA**.....

from....**18th August to 24th August 2025**.....

has completed One Week International Short Term Training Program-(ISTTP) on **INTELLIGENT TECHNOLOGIES AND COMPUTING PARADIGMS FOR THE FUTURE** organized by the Department of Computer Science & Engineering and Information Technology, Vignan's Institute of Engineering for Women (A), Visakhapatnam.

Convenor
Dr. E. Laxmi Lydia

Principal
Dr. B. Arundhati

GONNA INSTITUTE OF INFORMATION TECHNOLOGY AND SCIENCES

Approved by AICTE & Affiliated to JNTUGV-Vizianagaram, Gonnavanipalem,
Paravada mandalam, Anakapalli-530053, Andhra Pradesh - INDIA

CERTIFICATE OF PARTICIPATION

We Present This Certificate to

SAI GANESH MOPADA, Assistant Professor

at **BEHARA COLLEGE OF ENGINEERING AND TECHNOLOGY**

for successfully completing the training in a

Five Day Faculty Development Program on

"ARTIFICIAL INTELLIGENCE APPLICATIONS IN ECE AND EEE" conducted by

Departments of ECE and EEE from **08th December, 2025 to 12th December, 2025**

B Vijayalakshmi
FDP Coordinator

G Dhanalakshmi
FDP Coordinator

C Bharathi
Academic Incharge

Dr. P.S.N. Murty
PRINCIPAL

INTELLECTUAL
PROPERTY **INDIA**
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

NiPAM
NATIONAL IP AWARENESS MISSION

सत्यमेव जयते
Government of India
Ministry of Commerce and Industry
Department for Promotion of Industry and Internal Trade
Office of the Controller General of Patents, Designs and Trade Marks

CERTIFICATE

This is to certify that, **MR. SAI GANESH , FACULTY** of **BEHARA COLLEGE OF ENGINEERING AND TECHNOLOGY** has successfully participated in IP Awareness/Training program under

NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION

on **December 13, 2025**

Organized by
Intellectual Property Office, India

Prof. (Dr) Unnat P. Pandit
CONTROLLER GENERAL OF
PATENTS, DESIGNS & TRADE MARKS

Date: January 06, 2026

QUALITY ASSURANCE CELL
ANDHRA PRADESH STATE COUNCIL OF HIGHER EDUCATION
(A Statutory Body of the Government of Andhra Pradesh)

State Level One-Day Workshop for NIRF Coordinators of Universities and Colleges on
Institutional Excellence through Strategic Interventions in NIRF-2026

In collaboration with Andhra University, Visakhapatnam

Participation Certificate

This is to certify that Prof./Dr./Ms./Mr. RAKSHIT KUMAR PANDEY

Department of MECHANICAL ENGG. BEHARA COLLEGE OF ENGG. College / University has participated in

a *State Level One-Day Workshop for NIRF Coordinators of Universities and Colleges on*

Institutional Excellence through Strategic Interventions in NIRF-2026

at Andhra University, Visakhapatnam on 28.11.2025 organized by

Andhra Pradesh State Council of Higher Education, Mangalagiri

Dr B.Ananda Gajapathi Raju
Coordinator, IQAC
Andhra University, Visakhapatnam

Dr. P. Anil Kumar
Principal
A.P. State Council of Higher Education

Prof. S. Vijaya Bhaskara Rao
Vice-Chairman & Director - QAC
A.P. State Council of Higher Education

IIC Regional Meet 2025

MoE's Innovation Cell
Institutions' Innovation Council, AICTE

Certificate of Participation

This is certify that

SAI GANESH MOPADA

Has attended the One Day Regional Meet hosted by Gandhi Institute of Technology & Management, Visakhapatnam on **2nd December 2025**

Prof. T. G. Sitharam
Chairman, AICTE
Ministry of Education

Dr. Dipan Sahu
Assistant Innovation Director
MoE's Innovation Cell

This is to certify that

SAI GANESH MOPADA

of

Behara College of Engineering and Technology, Andhra Pradesh

has undergone Innovation Ambassador (IA) training 'Foundation Level' (Total 16 Sessions of 30 contact hours) conducted in online mode by MoE's Innovation Cell & AICTE during the IIC calendar year **2024-25**

Dr. Abhay Jere
Chief Innovation Officer
MoE's Innovation Cell

Mr. Dipan Sahu
Assistant Innovation Director
MoE's Innovation Cell

Date: 01-12-2025

IIC ID: IC202431051

E-certificate No: IA/Foundation/1078867

MALLA REDDY COLLEGE OF ENGINEERING

(APPROVED BY AICTE-NEW DELHI, AFFILIATED TO JNTUH-HYDERABAD)

MAISAMMAGUDA, DHULAPALLY, POST VIA KOMPALLY, SECUNDERABAD - 500100

CERTIFICATE OF APPRECIATION

This is to certify that **KANTHIMAHANTI SUMA PURNIMA KEERTHI**

of **BEHARA COLLEGE OF ENGINEERING AND TECHNOLOGY**

has participated in the Three-Day Online Faculty Development Programme titled **"Enhancing Research and Publication Capabilities"** conducted from 11th to 13th August 2025, organized by the department of Humanities and Sciences in association with MRCE-IIC and H&S literary club- The Illuminators.

Dr. Mamud Hassan
Organizer

Dr. V. Vivekanandhan
Dean-IIIC/Research

Dr. Sneha Joshi
Co-convener & HoD, H&S

Dr. Maram Ashok
Convener & Principal

MALAVIYA MISSION
TEACHER
TRAINING PROGRAMME

CERTIFICATE OF PARTICIPATION

NEP-2020 ORIENTATION & SENSITIZATION PROGRAMME

This is to certify that **KANTHIMAHANTI SUMA PURNIMA KEERTHI** from **BEHARA COLLEGE OF ENGINEERING AND TECHNOLOGY** has completed the NEP-2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by UGC-MMTTC (GAD-MMTTC), Sri Guru Tegh Bahadur Khalsa College, University of Delhi from **04th February to 14th February 2025.**

Prof. Vimal Rarh
Director, (UGC-MMTTC)

NEP-FEB-A-2025-03205-012

S.No	Title of Programme	Type	Duration	Dates	Organizing Institution	Level
1	**NEP-2020 Orientation & Sensitization Programme**	Orientation Programme	10 Days	04 Feb – 14 Feb 2025	UGC-MMTTC (GAD-MMTTC), Sri Guru Tegh Bahadur Khalsa College, University of Delhi	National
2	**Faculty Development Programme on National Education Policy**	FDP	2 Days	25 & 26 June 2022	Visakha Institute of Engineering & Technology (with NRDC & CTU)	National
3	**Teaching ECE Lab Subjects using Free Simulators**	FDP	1 Week	03 Mar – 07 Mar 2025	NITTTR, Chandigarh	National (AICTE Recognized)
4	**Advanced Embedded & VLSI Technologies for Space-Borne Systems & Computational Intelligence**	Online FDP	1 Week	18 Mar – 23 Mar 2025	Visakha Institute of Engineering & Technology	National
5	**Essential Skills Training Program (ESTP)**	National Level Workshop (Coordinator Appreciation)	5 Days	23 June – 27 June 2025	Brainovision Solutions India Pvt. Ltd. (with AICTE)	National
6	**AI Tools**	FDP	1 Week	17 Feb – 21 Feb 2025	Behara College of Engineering & Technology (with Brainovision & AICTE)	National
7	**Emerging Nano**	Online FDP	1 Week	07	Visakha Institute	National

S.No	Title of Programme	Type	Duration	Dates	Organizing Institution	Level
	Electronic Devices for RF Applications			Nov – 13 Nov 2024	of Engineering & Technology	
8	Gen-AI and Prompt Engineering using Microsoft Copilot	International FDP	5 Days	16 Sept – 20 Sept 2024	BNMIT (Karnataka), DY Patil University, Marwadi University (with ExcelR)	International
9	Exploring AI & ML Applications: Insights and Opportunities	Research Development Programme	6 Days	24 Mar – 29 Mar 2025	C. V. Raman Global University (with IEI – Odisha)	National
10	Sustainability & Energy Management of Renewable Energy Systems (VAANI)	Seminar (ATAL–AICTE)	1 Week	11 Sep – 12 Sep 2025	AICTE–ATAL, NSRIT Autonomous	National
11	Intelligent Technologies and Computing Paradigms for the Future	ISTTP	1 Week	18 Aug – 24 Aug 2025	Vignan's Institute of Engineering for Women (A)	International
12	Artificial Intelligence Applications in ECE and EEE	FDP	5 Days	08 Dec – 12 Dec 2025	Gonna Institute of IT & Sciences	National
13	National Intellectual Property Awareness Mission (NIPAM)	IP Awareness Training	1 Day	13 Dec 2025	Intellectual Property Office, India	National
14	Institutional Excellence through Strategic Interventions in NIRF-2026	Workshop (NIRF Coordinators)	1 Day	28 Nov 2025	APSCHE & Andhra University	State Level
15	IIC Regional Meet 2025	Regional Meet	1 Day	02 Dec 2025	MoE's Innovation Cell & AICTE	National
16	Innovation Ambassador (IA) Training – Foundation Level	Certification Program	30 Contact Hours	2024–25	MoE's Innovation Cell & AICTE	National

Pantech e Learning
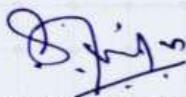DIGITAL LEARNING SIMPLIFIED

CERTIFICATE
OF PARTICIPATION

This is to certify that

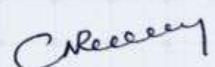**V Anil kumar**

has actively participated

in **1 Week Faculty Development Programme** on **Business Intelligence using Python**
from **19 May to 23 May 2025**, Organized by Department of Computer Science and Engineering,
Behara College of Engineering and Technology in association with **Pantech e Learning.**

M R Senthil Kumar
Director, Pantech e-Learning Pvt. Ltd.

Dr. v. Sridhar Patnaik
Principal, BCET

Ch NarayanaRao
HOD CSE, BCET

**MALAVIYA MISSION
TEACHER
TRAINING PROGRAMME**

CERTIFICATE OF PARTICIPATION

NEP-2020 ORIENTATION & SENSITIZATION PROGRAMME

This is to certify that **VONDA ANIL KUMAR** from **BEHARA COLLEGE OF ENGINEERING AND TECHNOLOGY** has completed the NEP-2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by UGC-MMTTC (GAD-MMTTC), Sri Guru Tegh Bahadur Khalsa College, University of Delhi from **04th February to 14th February 2025.**

Prof. Vimal Rarh
Director, (UGC-MMTTC)

NEP-FEB-A-2025-03205-160

VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY

Approved by AICTE NEW DELHI, (Affiliated to JNTUK, KAKINADA)
88th Division, Narava, GVMC, Visakhapatnam-530027

DIPLOMA | ENGINEERING | MANAGEMENT

In Association with

NATIONAL RESEARCH DEVELOPMENT CORPORATION
An Enterprise of DSIR
Ministry of Science and Technology, Govt. of India

केन्द्रीय जनजातीय विश्वविद्यालय आन्ध्रप्रदेश
Central Tribal University of Andhra Pradesh
(A Central University Established by an act of Parliament)

Certificate

This is to certify that Prof / Dr / Mr/Ms _____ **VONDA ANIL KUMAR** _____

Department of _____ **ECE** _____ University/College/Institution

_____ **BEHARA POLYTECHNIC** _____ has participated in the Two-day

Faculty Development Programme on **National Education Policy** held at
Visakha Institute of Engineering & Technology on **25th & 26th June 2022.**

Dr.V.Sridhar Patnaik
Principal

Dr.Bijay Kumar Sahu
Head,IPFC,NRDC

Prof.T.V.Kattimani
Vice-Chancellor,CTU

National Institute of Technical Teachers Training and Research Chandigarh

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

Certificate

This is to certify that

VONDA ANIL KUMAR

BEHARA COLLEGE OF ENGINEERING AND TECHNOLOGY, VISAKHAPATNAM ANDHRA PRADESH

Participated in the AICTE Recognized Faculty Development Programme

on

Teaching ECE Lab subjects using free Simulators

Conducted by

Electronics and Communication Engineering Department

from

03/03/2025 to 07/03/2025 (One Week)

at

NITTTR, Chandigarh

Coordinator

Director

VISAKHA
INSTITUTE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)
Approved by AICTE NEW DELHI & Permanently Affiliated to JNTUGV, Vizianagaram
88th Division, Narava, GVMC, Visakhapatnam, Andhra Pradesh 530027, India
E-mail: vietvsp@gmail.com   www.viet.edu.in   Ph: 9959617471 / 76 / 77

PARTICIPATION CERTIFICATE

THIS CERTIFICATE IS PRESENTED TO

V ANIL KUMAR

From **BEHARA COLLEGE OF ENGINEERING AND TECHNOLOGY** Has Participated And Successfully Completed The One Week National Level Online **Faculty Development Programme** On **"ADVANCED EMBEDDED AND VLSI TECHNOLOGIES FOR SPACE BORNE SYSTEMS AND COMPUTATIONAL INTELLIGENCE"** From 18th To 23rd Dec 2025 Organized By The Department Of Electronics And Communication Engineering, **VISAKHA INSTITUTE OF ENGINEERING & TECHNOLOGY**

HOD-ECE

PRINCIPAL

CERTIFICATE
Of Coordinator Appreciation

This Certificate is Proudly Presented To

MR V ANIL KUMAR

BEHARA COLLEGE OF ENGINEERING & TECHNOLOGY

In recognition of your exceptional efforts, dedicated coordination, and unwavering support towards the successful execution of the **National Level Workshop – Essential Skills Training Program (ESTP).**
organized by **Brainovision Solutions India Pvt. Ltd.**
in association with **All India Council for Technical Education (AICTE)**
with 127 Host Colleges & 15000+ Participants during the period of 23rd June 2025 to 27th June 2025

Certificate ID:
TEB25-BOV-FC-029

Certificate Issue Date:
2nd July 2025

Ganesh Nagu D
Founder & CEO
Brainovision Solutions India Pvt. Ltd

Dr Chandrasekhar Buddha
Chief Coordinating Officer - AICTE
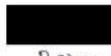All India Council for Technical Education

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi -110070

Participant Completion Certificate

It is certified that **Mr. SAI GANESH MOPADA, Assistant Professor** *of BEHARA COLLEGE OF ENGINEERING AND TECHNOLOGY has successfully participated & completed* **Seminar** *under* **AICTE - Vibrant Advocacy for Advancement and Nurturing of Indian Languages (VAANI)** *on* **Sustainability and Energy Management of Renewable Energy Systems** *in* **Telugu** *language at* NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY *from* **11/09/2025** *to* **12/09/2025.**

R S R KRISHNAM NAIDU
Professor Level (AICTE Institute), Coordinator
**NADIMPALLI SATYANARAYANA RAJU
INSTITUTE OF TECHNOLOGY**

Dr. Sunil Luthra
Director & Bureau Head
Training and Learning Bureau, AICTE

VIGNAN's INSTITUTE OF ENGINEERING FOR WOMEN
(AUTONOMOUS)

(Approved by AICTE & Affiliated to JNTU-GV) Accredited by **NAAC** with '**A+**' Grade NBA For UG Programmes of EEE, ECE, CSE & IT

Kapujaggarajupeta, Visakhapatnam

Certification of Participation

INTELLIGENT TECHNOLOGIES AND COMPUTING PARADIGMS FOR THE FUTURE

This is to certify that........**SAI GANESH MOPADA**..

from....................**18th August to 24th August 2025**..

has completed One Week International Short Term Training Program-(ISTTP) on INTELLIGENT TECHNOLOGIES AND

COMPUTING PARADIGMS FOR THE FUTURE organized by the Department of Computer Science & Engineering and Information

Technology, Vignan's Institute of Engineering for Women (A), Visakhapatnam.

Convenor
Dr. E. Laxmi Lydia

Principal
Dr. B. Arundhati

GONNA INSTITUTE OF INFORMATION TECHNOLOGY AND SCIENCES

Approved by AICTE & Affiliated to JNTUGV-Vizianagaram, Gonnavanipalem,
Paravada mandalam, Anakapalli-530053, Andhra Pradesh - INDIA

CERTIFICATE OF PARTICIPATION

We Present This Certificate to

SAI GANESH MOPADA, **Assistant Professor**

at **BEHARA COLLEGE OF ENGINEERING AND TECHNOLOGY**

for successfully completing the training in a

Five Day Faculty Development Program on

"ARTIFICIAL INTELLIGENCE APPLICATIONS IN ECE AND EEE" conducted by

Departments of ECE and EEE from **08th December, 2025 to 12th December, 2025**

B Vijayalakshmi
FDP Coordinator

G Dhanalakshmi
FDP Coordinator

C Bharathi
Academic Incharge

Dr. P.S.N. Murty
PRINCIPAL

Government of India
Ministry of Commerce and Industry
Department for Promotion of Industry and Internal Trade
Office of the Controller General of Patents, Designs and Trade Marks
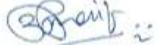
CERTIFICATE

This is to certify that, **MR. SAI GANESH , FACULTY** of **BEHARA COLLEGE OF ENGINEERING AND TECHNOLOGY** has successfully participated in IP Awareness/Training program under

NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION

on December 13, 2025

Organized by
Intellectual Property Office, India

Date:January 06, 2026

Prof. (Dr) Unnat P. Pandit
CONTROLLER GENERAL OF
PATENTS, DESIGNS & TRADE MARKS

QUALITY ASSURANCE CELL
ANDHRA PRADESH STATE COUNCIL OF HIGHER EDUCATION
(A Statutory Body of the Government of Andhra Pradesh)

State Level One-Day Workshop for NIRF Coordinators of Universities and Colleges on
Institutional Excellence through Strategic Interventions in NIRF-2026

In collaboration with Andhra University, Visakhapatnam

Participation Certificate

This is to certify that Prof./Dr./Ms./Mr. **RAKSHIT KUMAR PANDEY**

Department of **MECHANICAL ENGG., BEHARA COLLEGE OF ENGG.** College / University has participated in

a *State Level One-Day Workshop for NIRF Coordinators of Universities and Colleges on*

Institutional Excellence through Strategic Interventions in NIRF-2026

at Andhra University, Visakhapatnam on 28.11.2025 organized by

Andhra Pradesh State Council of Higher Education, Mangalagiri

Dr B.Ananda Gajapathi Raju
Coordinator, IQAC
Andhra University, Visakhapatnam

Dr. P. Anil Kumar
Principal
A.P. State Council of Higher Education

Prof. S. Vijaya Bhaskara Rao
Vice-Chairman & Director - QAC
A.P. State Council of Higher Education

IIC Regional Meet 2025

MoE's Innovation Cell
Institutions' Innovation Council, AICTE

Certificate of Participation

This is certify that

SAI GANESH MOPADA

Has attended the One Day Regional Meet hosted by Gandhi Institute of Technology & Management, Visakhapatnam on **2nd December 2025**

Prof. T. G. Sitharam
Chairman, AICTE
Ministry of Education

Dr. Dipan Sahu
Assistant Innovation Director
MoE's Innovation Cell

This is to certify that

SAI GANESH MOPADA

of

Behara College of Engineering and Technology, Andhra Pradesh

has undergone Innovation Ambassador (IA) training 'Foundation Level' (Total 16 Sessions of 30 contact hours) conducted in online mode by MoE's Innovation Cell & AICTE during the IIC calendar year **2024-25**

Dr. Abhay Jere
Chief Innovation Officer
MoE's Innovation Cell

Mr. Dipan Sahu
Assistant Innovation Director
MoE's Innovation Cell

Date: 01-12-2025   **IIC ID:** IC202431051   **E-certificate No:** IA/Foundation/1078867