

(ESTD.2009)



Bapatla Women's Engineering College:: Bapatla

Sponsored by Bapatla Education Society

Approved by AICTE-New Delhi, Affiliated to Acharya Nagarjuna University

Accredited by NAAC, An ISO 9001:2015 Certified Institution



Institution's Innovation Council 7.0

ANNUAL REPORT 2024-2025

A. Vision and Mission of the institute

Vision:

To create a dynamic, innovation-based system that encourages staff and students to be innovative, fosters their ideas, nurtures a start-up culture, and links them with relevant organisations and industry.

Mission :

- M1:** To provide a supportive environment for the incubation and growth of educators and students ideas and start-ups through organised initiatives and industry relationships.
- M2:** To organise several kinds of innovation-related activities, such as seminars, contests and Expert discussions, in order to foster creativity, encourage critical thinking and develop a robust network of mentors.
- M3:** To give both educators and students a place to create prototypes and market creative, sustainable concepts that adheres to national and international standards.
- M4:** To establish strong relationships with entrepreneurs, investors and national organisations that support entrepreneurship in order to offer market access, funding opportunities and mentorship for innovative ideas and endeavours.

- The institute has organised periodic workshop, seminars on new technologies and students interaction with entrepreneurs in view of developing communication skills and motivating them towards entrepreneurship.
- The institute has also conducted various programs with eminent resource persons from various disciplines and industrial sectors.
- A total number of 56 students and faculty registered in YUKTI National Innovation Repository, with 14 ideas.

- B. Ministry of Education (MoE), Govt. of India has taken initiative to establish MoE's Innovation Cell (MIC) to encourage inculcating the culture that will foster innovation in Higher Education Institutions (HEIs). The MIC intends to nurture the entrepreneurial skills among young people helping and encouraging them to have innovative ideas and converting them to prototypes. MIC has envisioned to have Institution's Innovation Council (IICs) across HEIs in India. To promote innovation, IICs of HEIs are formed for developing proper ecosystem. Bapatla Women's Engineering College (BWEC), IIC has been established in the year 2022 and it's IIC ID: IC202218923.

Major Focus of IIC

- Start-up/entrepreneurship supporting Mechanism in HEIs
- Establish Function Ecosystem for Scouting Ideas and Pre-incubation of Ideas
- Develop better Cognitive Ability amongst Technology Students.

Functions of IIC

- Promote innovation in the Institution through multitudinous modes leading to an innovation promotion eco-system in the campus
- To conduct various innovation and entrepreneurship-related activities prescribed by Central MIC in time bounded fashion.
- Identify and reward innovations and share success stories.
- Organize periodic workshops/Seminars/Interactions with entrepreneurs, investors, professionals and create a mentor pool for student innovators.
- Network with peers and national entrepreneurship development organizations.
- Create an Institution's Innovation portal to highlight innovative projects carried out by institution's faculty and students.

The IIC member details for the academic year 2024-25 are as follows:

S.No.	Name of Member	Member Type (Teaching/Nonteaching /Student/External Expert)	Key Role/ Position assigned in IIC
1	Dr.Srinivasarao Gollapudi	Teaching	Principal
2	Mrs.MahaLakshmi. Bollimuntha	Teaching	President
3	Mrs.Venkateswari. G	Teaching	Vice-President
4	Mrs.Venkata Mutyalamma.Asadi	Teaching	Convener
5	Mrs.Lavanya Ravi	Teaching	Innovation Activity Coordinator
6	Mrs.Sivakumari Bondalapati	Teaching	IPR Activity Coordinator
7	Mrs.Srilatha Kolati	Teaching	Startup Activity Coordinator
8	Mrs.Shameera Shaik	Teaching	Internship Activity Coordinator
9	Mrs.Anitha M	Teaching	NIRF Coordinator
10	Mrs.BhagyaLakshmi N	Teaching	ARIIA Coordinator
11	Mrs.Prameela Rani K	Teaching	Social Media Coordinator
12	Mrs.Pratyusha Pushadapu	Teaching	Member
13	Mrs.Venkata Lakshmi N	Teaching	Member
14	Mrs.Khamar Jahan	Teaching	Member
15	Ms.Santhi P	Student	Student Convener
16	Mr.P..S.Satya kumar	---	External Member
17	Ms.Ch.Tejaswini	---	External Member
18	Ms.Durga Bhavani N	Student	Innovation Coordinator
19	Ms.Naga Likhitha T	Student	IPR Coordinator
20	Ms.Rushitha Sai Cherukuri	Student	Startup Coordinator
21	Ms.Kavya Dama	Student	Internship Coordinator
22	Ms.Sravya H	Student	Social Media Coordinator

23	Ms.Venkata Bhashitha A	Student	Member
24	Ms.Srikha Kommineni	Student	Member
25	Ms.Tejasri Mallika	Student	Member
26	Ms.Bhargavi V	Student	Member

Roles and Responsibilities of President

- ✓ President will lead the IIC Council.
- ✓ She will have the IIC portal Login ID and will be the custodian of IIC portal login and data/ reports uploaded there in.
- ✓ She will call the meetings, set meeting agenda and will monitor the deliverable.
- ✓ She will be the main point of contact with MHRD Innovation Cell.
- ✓ She will respond to all communication from IIC National Coordination team (MHRD Innovation Cell) and will be responsible to ensure decent performance of IIC.
- ✓ She will coordinate with MHRD innovation cell and responsible for all the IIC activities in the institute.
- ✓ He/ She will ensure Institution's participation in IIC calendar activity and take lead in the self driven activities .
- ✓ She will ensure the effective implementation of IIC activities with the help of Convenor.
- ✓ She could change the council members as per the decision taken in council meetings and update the information on portal.
- ✓ She will be responsible for submitting the progress/activity reports on the IIC portal.

Roles and Responsibilities of Vice-President

- ✓ To build and strengthen the in-house mentor pool and human resource capacity to drive campus Innovation & Entrepreneurship activities.
- ✓ Identifying, handholding and guiding potential/early-stage entrepreneurs, student innovators at the Institute on regular basis.
- ✓ To Develop a critical mass of motivated students & faculties with creative potential, and Entrepreneurial orientation & skill set.
- ✓ Commercialization of innovations through technology transfer, technology licensing and Startups, etc.
- ✓ To build infrastructure support and facilities to promote innovation and enabling environment of easy access to resources within and outside the institute.
- ✓ To strengthen the intra and inter-institutional partnership and collaboration with ecosystem at different level and co-creation of new program interventions

Roles and Responsibilities of Convenor

- ✓ The Convenor will work in close coordination with IIC president and will provide help wherever required for smooth conduct of activities.
- ✓ She will ensure the participation in the meeting and will prepare the meeting agenda at least 10 days prior to meeting with the inputs from all valuable council members and President.
- ✓ Maintain documentation of the proceedings like meeting photos, Minutes of

Meetings, Meeting Video has to upload to Institution YouTube Channel and the link has to be shared with competent authorities and any other proof.

- ✓ She will ensure that the internal examination dates would not interfere with the IIC activities and coordinate with all departments to ensure the same.
- ✓ She will collect the inputs from all the members of the council at regular interval, especially external members for better planning of IIC activities and effective delivery of results.

Roles and Responsibilities of Social Media Coordinator

- ✓ Social Media Coordinator Will create and manage IIC page/account on Facebook, Twitter and YouTube and other relevant social media platforms.
- ✓ She will be responsible for posting all the relevant information about council meeting resolution and action plan, IIC activities and follow/tag MIC/IIC page and posts on these platforms.
- ✓ She will also ensure that all students follow MIC/IIC page/account on social media to get first-hand information.

Roles and Responsibilities of Members

- ✓ Ensure the Institution's Innovation Council's logo and the words "in association with Institution's Innovation Council, Ministry of Education (MoE), Govt. of India", is included in the brochure compulsorily for all the academic activities of their respective departments like webinars, seminars and workshops related to Industry Interaction, Entrepreneurship, Research and Innovation / Intellectual Property Rights (IPRs).
- ✓ Establish Innovation Clubs for students with facilities and equipment needed for Innovation and Entrepreneurship (I & E) activities in their respective departments.
- ✓ Developing an Innovative and Entrepreneurial mindset through a series of activities like workshops, awareness, market outreach events, orientation, advocacy meetings, networking events (Intra and Inter-institutional, enablers, stakeholders).
- ✓ Encourage faculty and students to pursue research studies related to Entrepreneurship.
- ✓ Develop short term certificate courses on Innovation and Entrepreneurship.
- ✓ Convince departments to offer Major or Minor Specializations or credit courses related to Innovation and Entrepreneurship (I & E) and IPR

***Note: The above responsibilities are also applicable to all the members of IIC apart from their main responsibilities.**

C.Tabular representation of Resource strength (human capital and Physical capital) of the IIC institution

Total No. of IIC Members	Total No. of IAs (Teaching/ Students)	Total No. of faculty Mentor From Portal	Pre-Incubation Units, If any	Incubation Units, If any	IP Facilitation Unit, If any
25	23	Nil	Nil	Nil	Nil

D. Highlight Facilities, Infrastructure of Pre-Incubation & Incubation kind and Student bodies/clubs engaged in promotion of Innovation and Entrepreneurship in the campus.—In progress

E. Achievements

- Number and Different types of I&E and IPR activities Conducted: **12**
- No. of student's & faculty ideas generated: **Nil**
- No. of student's & faculty Innovation/prototypes developed: **25**
- No. of IPs generated, published and granted: **02**
- No. of Student & Faculty Start-ups/Ventures established: **Nil**
- Amount spent on promotion and awareness generation on Innovation Entrepreneurship in the campus: **Nil**
- Amount grant or fund supported to student & Faculty lead Innovations, start-ups and IPR: **Nil**
- No. of Technology Transfer and Commercialisation happened: **Nil**

F. Highlight few best IIC Faculty/Student members and their achievements/ Rewarded for the innovations at different forum [Profile of few faculties with 2-3 line of their achievements]: **Nil**

G. Highlight selected best Innovations & images with mention of inventor/innovation name: **Nil**

H. Highlight selected start-ups established by students/faculties with mention of founder/cofounder name: **Nil**

I. List if any break through Innovations / Technology Developed at the institute (2-3 technology with 2-3 lines about technology and innovation: **Nil**

J. Participation of IIC-institute in various programs of Central and State Govt. Highlighting specially for the schemes or programs

- NIRF participation and Rank – **Participated & Submitted**
- YUKTI Innovation Challenge--- **Participated & Submitted ideas**

K. Detail of Social Media & Connections of IIC institute

Name of Social Media	Link
Instagram	bwec_bapatla
Facebook	BWEC- Bapatla
Linkedin	bwec-bapatla

L. Testimonials from IIC members and external about IIC institute and IIC of MoE's Innovation Cell



Durga Bhavani (Student)

For me, the IIC has changed everything. It provided all the resources and advice I required to make my concept a successful prototype device. I was able to engage with industry experts and acquire practical insights thanks to the seminars and networking opportunities. I appreciate the IIC team's unwavering support.



Hema (Student)

IIC gave me great resources and guidance that enabled me to turn my academic idea into a product that was useful to the society. My abilities were much improved by the frequent training sessions and industry interaction.



Amisha (Student)

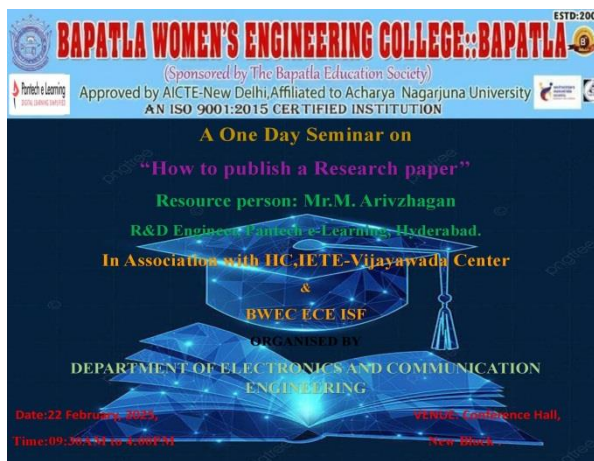
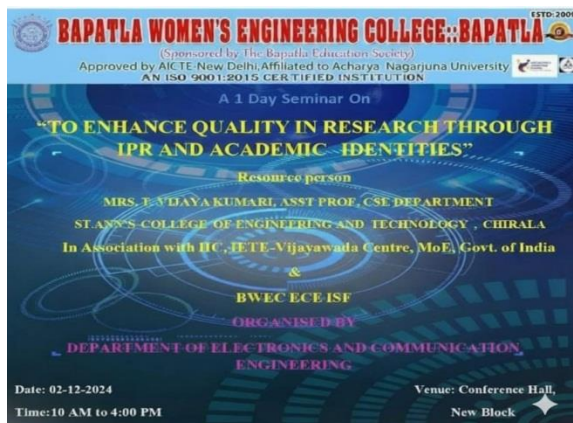
Thanks to the IIC. I acquired more knowledge of the innovation and entrepreneurship ecosystem. The entire process was easier thanks to the mentors' advice and assistance. It was incredible to watch my concepts come to life with careful preparation and implementation.



Santhi (Student)

IIC's assistance was crucial in enabling me to turn my research idea into a proto type product . The centre's focus on hands-on learning. Together with knowledgeable mentoring, the collaborative atmosphere aided in my professional and personal development.

M. Images



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A One Day Seminar on
"Insights Of IPR"

Resource person: Dr.K.Rajashekar
 Assistant professor
 Acharya Nagarjuna University

In Association with IIC, IETE Vijayawada Centre, MoE, Govt. of India
 &
BWEC ECE ISF

ORGANISED BY
BWEC -IPR CELL

Date: 24-02-2025
Time: 2.00 PM to 4:00 PM

VENUE: Conference Hall,
New block

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A 3 Day's Workshop on
"AI With IoT"

In Association with IIC, IETE Vijayawada Centre
 &
BWEC ECE ISF

In Collaboration With
Easy Interface Solution, Vijayawada

ORGANIZED BY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VENUE: ECE Department Simulation Labs I & IV, Electronics Devices and Circuits
Lab-New block. **Date: 3-03-2025 to 5-03-2025**

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"INTERNATIONAL WOMEN'S DAY"

Chief Guest
Dr.P.Meena Manoj Gynaecologist, Government Hospital, Bapatla

In Association with IIC, IETE Vijayawada Centre, MoE, Govt. of India
 &
BWEC ECE ISF

ORGANISED BY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 18-03-2025
Time: 9.30 PM to 4.30 PM

Venue: Conference Hall,
New Block

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A 3 Day's Workshop On
"IoT Applications Using Embedded Systems"

In Association with IIC, IETE Vijayawada Centre
 &
BWEC ECE ISF

In Collaboration with
SRC e-Solutions Pvt Ltd, Vijayawada

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Date: 17-03-2025 to 19-03-2025 **Venue: Simulation Lab I & IV Department Of ECE**

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A 1 Day Seminar On
"ARTIFICIAL INTELLIGENCE"

Resource person: Mr.P.Hari, ECE Engineer,
Easy Interface Solutions, Vijayawada

In Association with IIC, IETE Vijayawada Center, MoE, Govt. of India
 &
BWEC ECE ISF

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Date: 27-03-2025 **Venue: Conference Hall,**
Time: 10 AM to 4:00 PM **New Block**

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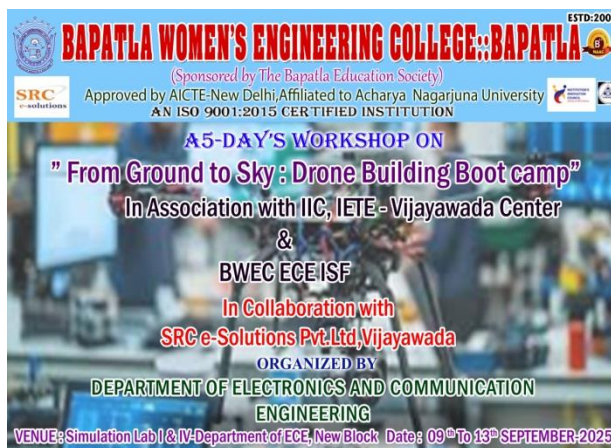
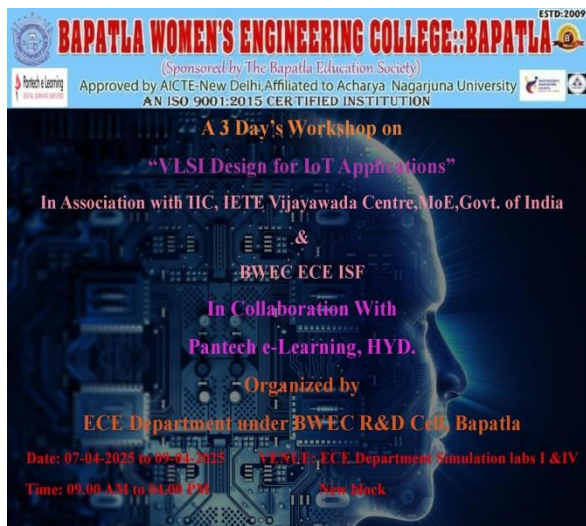
A 1 Day Seminar On
"AI Wireless Communication Systems"

Resource person: Mr.P.Hari, ECE Engineer,
Easy Interface Solutions Pvt Ltd, Vijayawada

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Date: 2nd April 2025 **Venue: Conference Hall,**
Time: 10 AM to 4:00 PM **New Block**



List of Activities conducted during the Academic Year 2024-2025

S.No.	Title of the Activity Conducted	Dates of Event	Name of the Resource Person	In Collabora-tion	No. of Participants	Social Media
1	Council Meeting-1	22.07.2024	---		Students:10 Faculty:14	
2	Council Meeting-2	23.09.2024	---		Students:09 Faculty:14	
3	A one Day Seminar on “To enhance quality in research through IPR and academic identities“	02.12.2024	Mrs. T.Vijaya kumari	BWEC IPR Cell	Students:140 Faculty:19	---
4	Council Meeting-3	19.12.2024	---		Students:09 Faculty:14	
5	A 3 Day's Work shop on “Trace the Future : PCB designing and Fabrication ”	27.12.2024 to 30.12.2024	Mr.P.S.Satya Kumar	BWEC ECE Dept., R&D Cell & SRC e-Solutions, Vijayawada	Students:95 Faculty:14	---
6	A 5 Day's FDP on “Deep Learning using NVIDIA JETSON NANO”	17.02.2025 to 21.02.2025	Mr.Nivin & Ms.Lakshmi	BWEC ECE Dept., & Pantech e-Learning, Hyderabad	Faculty:122	---

7	A One Day Seminar on "How To Publish A Research Paper"	22.02.2025	Mr.Arivzhagan.M	BWEC ECE Dept., R&D Cell & Pantech e-Learning, Hyderabad	Students:110 Faculty:13	---
8	A one Day Seminar on "Insights of IPR"	24-02-2025	Dr.K.Raja shekar	BWEC IPR Cell	Students:100 Faculty:19	---
9	A 3 Day's Workshop on "AI with IoT"	03.03.2025 to 5.03.2025	Mr. P.S. Satya Kumar	BWEC ECE Dept., R&D Cell & SRC e-Solutions, Vijayawada	Students:110 Faculty:13	---
10	International Women's Day	08.03.2025	Dr. P. Meena Manoj	BWEC	Students:140 Faculty:19	---
11	A 3 Day's Workshop on "IoT Applications Using Embedded Systems"	15.03.2025 to 18.03.2025	Mr. C. Sudhakar Reddy	BWEC ECE Dept., R&D Cell & SRC e-Solutions, Vijayawada	Students:91 Faculty:13	---
12	A One Day Seminar on "Artificial Intelligence "	27.03.2025	Mr. P.Hari	BWEC ECE Dept., R&D Cell & Easy Interface Solutions, Vijayawada	Students:98 Faculty:14	---
13	Council Meeting-4	01.04.2025	---		Students:09 Faculty:14	
14	A One Day Seminar on "AI Wireless Communication Systems"	02.04.2025	Mr. P.S. Satya Kumar	BWEC ECE Dept., R&D Cell & SRC e-Solutions, Vijayawada	Students:91 Faculty:13	---
15	A 3 Day's Workshop on "VLSI Design for IoT Applications"	07.04.2025 to 09.04.2025	Mr. P.Hari	BWEC ECE Dept., R&D Cell & SRC e-Solutions, Vijayawada	Students:98 Faculty:14	---

16	A one Day Workshop on "Patent filing and prior Art search Mechanisms: A Practical approach"	26.04.2025	Mrs.J.Prasuna Rani	BWEC IPR Cell	Students:150 Faculty:22	---
17	YUKTI Innovation Challenge-2025	16.06.2025 to	---	BWEC IIC	Students:140 Faculty:19	
18	Council Meeting-5	02.07.2025	---		Students:10 Faculty:14	
19	A One Week Workshop on "Smart Robotics with ESP32: From Concept to Control"	25.08.2025 to 30.08.2025	IIC, IETE, Vijayawada center, BWEC ECE ISF	BWEC ECE Dept., & SRC e-Solutions, Vijayawada	Students:140 Faculty:19	Facebook & Instagram

N. Contact

Mrs.Mahalakshmi Bollimuntha

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bweciic2022@gmail.com

Mrs.Mutyalamma A.V

Convenor, IIC ,BWEC, Bapatla

Email:mutyalu.asadi@gmail.com

A.V. mutyalu.
Mrs.Mutyalamma A.V

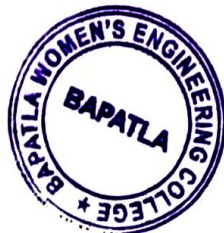
Convenor, BWEC IIC

B. Mahalakshmi
Mrs.Mahalakshmi B

President, BWEC IIC

Dr. Srinivasarao G
Dr.Srinivasarao G

Principal, BWEC



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BAPATLA**