

**PART A**

# **Chairperson's Visit Report**

## **Undergraduate Engineering Program**

### **TIER-I**

#### **Name of the Institution**

Bapatla Engineering College, G.B.C. Road, Mahatmajipuram, Bapatla Post, Bapatla, -522102 Andhra Pradesh

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#### **Name of the Program**

- (i) UG- Electronics and Communication Engineering
  - (ii) UG- Information Technology
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#### **Visit Dates**

**29 Nov to 01 Dec 2024**

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#### **NATIONAL BOARD OF ACCREDITATION**

**NBCC Place, East Tower, 4th Floor, Bhisham Pitamah Marg, Pragati  
Vihar, New Delhi 110003**

**Tel: +91 112430620-22; 01124360654; Web Site: [www.nbaind.org](http://www.nbaind.org)**

## **Team Composition**

Name of the Chairperson: Dr Kuncheria P Isaac

Designation

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### **Program 1: Electronics & Telecommunication Engg**

Program Evaluator 1	Name Prof (Dr) Ghanshyam Singh
	Organization: MNIT Jaipur

Program Evaluator 2	Dr Omar Farooq
	AMU

### **Program 2: Information Technology**

Program Evaluator 1	Prof. Basavaraju Gangaraju Tipture
	Organization: GEC, Hassan

Program Evaluator 2	Name Prof S Ramanarayana Reddy
	Organization: Indira Gandhi Delhi Technical University for Women

## ***Institution Details***

**Year of Establishment:** 1981

**Physical Infrastructure and Ambience:** Good

### **Number of programs being run in the Institution\*:**

- (i) UG- 9
- (ii) PG - 5 M Tech and MCA

### **Total Number of Students:**

- (i) In UG programs - 4247
- (ii) In PG programs - 180

### **Name of programs applied for accreditation**

- (i) UG- Electronics and Communication Engineering
- (ii) UG- Information Technology

*\*to be verified from SAR*

Name of the Program 1: UG: Electronics & Communication Engg

Department/Program Specific Criteria: A.

Marks given by Evaluators:

Sl. No.	Criteria	Max. Marks	Marks Awarded	Grade (Y, C, W, D)	Remarks
1.	Vision, Mission and Program Educational Objectives	50	38	Y	
2.	Program Curriculum and Teaching-Learning Processes	100	61	C	
3.	Course Outcomes and Program Outcomes	175	119	C	
4.	Students' Performance	100	75	Y	
5.	Faculty Information and Contributions	200	98	W	
6.	Facilities and Technical Support	80	61	Y	
7.	Continuous Improvement	75	45	C	
<b>TOTAL</b>		<b>780</b>	<b>497</b>		

B. Institute Level Criteria (to be filled by the Chairman) :

S. No.	Criteria	Max. Marks	Marks Awarded	Grade (Y, C, W, D)	Remarks
8.	First Year Academics*	50	29	W	
9.	Student Support Systems	50	39	Y	
10.	Governance, Institutional support and Financial Resources*	120	74	C	
<b>TOTAL</b>		<b>220</b>	<b>142</b>		
<b>GRAND TOTAL (A +B)</b>		<b>1000</b>	<b>639</b>		

\*Assessment for Criteria 8 (8.3, 8.4 &8.5) and 10 (10.3) is different for individual program.

Total Grade:

No. of Y: 4 C: 4 W: 2 ,D: 0

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Signature  
(Chairman)

*K P Isaac*  
Dr K P ISAAC.

Name of the Program

2: UG Information Technology

A. Department/Program Specific Criteria:

S. No.	Criteria	Max. Marks	Marks Awarded	Grade (Y, C, W, D)	Remarks
1.	Vision, Mission and Program Educational Objectives	50	39	Y	
2.	Program Curriculum and Teaching-Learning Processes	100	55	W	
3.	Course Outcomes and Program Outcomes	175	131	Y	
4.	Students' Performance	100	72	C	
5.	Faculty Information and Contributions	200	102	W	
6.	Facilities and Technical Support	80	60	Y	
7.	Continuous Improvement	75	46	C.	
<b>TOTAL</b>		<b>780</b>	<b>505</b>		

B. Institution Level Criteria (to be filled-in by the Chairperson)

S. No.	Criteria	Max. Marks	Marks Awarded	Grade (Y, C, W, D)	Remarks
8.	First Year Academics*	50	30	C	
9.	Student Support Systems	50	39	Y	
10.	Governance, Institutional support and Financial Resources*	120	75	C	
<b>TOTAL</b>		<b>220</b>	<b>144</b>		
<b>GRAND TOTAL (A+B)</b>		<b>1000</b>	<b>649</b>	<b>(649)</b>	

\*Assessment for Criteria 8 (8.3, 8.4 & 8.5) and 10 (10.3) is different for individual program.

Total Grade: No. of Y: 4 C: 4 W: 2 ,D: 0

Signature  
(Chairman)

  
Dr. K PISAAC.

**Name of the Program**

**A. Department/Program Specific**

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## Name of the Program

### A. Department/Program Specific Overall Observations

1.

S. No.	Name of the Program	Intake			Admissions	Student-Faculty Ratio
		CAY	CAYm1	CAYm2	Average of CAY, CAYm1 and CAYm2	Average of CAY, CAYm1 and CAYm2
1	Electronics & Communication Engg	180	180	180	180	22.29
2	Information Technology	120	120	120	117	21.26

- Also, see the evaluator's report for the above parameters and if you disagree with the same, kindly give your comment.

### 2. About the progress since last accreditation (to be filled for institutes who have applied for re-accreditation)

Kindly mention the changes made as recommended by NBA, since the previous visit.

Six programmes viz., Civil Engg, Cs&E, Electronics & Communication Engg, Electrical & Electronics Engg, Electronics & Instrumentation Engg, Mechanical Engg were accredited by NBA in 2003. All these programmes and Chemical Engg and IT were re/accredited in 2007. In 2012, all these accredited except IT were reaccredited. In 2024, four programmes viz., Civil Engg, CS&E, EEE, Mechanical Engg were reaccredited. Now two programmes are undergoing accreditation process. Two programmes, viz., Chemical Engg and Electronics & Instrumentation Engg were closed. The improvements in teaching and learning is insignificant. A few observations of the earlier committees have not been implemented. No improvements are seen in research and consultancy activities.

### 3. Observation on general facilities and about the programs.

Kindly mention general observations about facilities like labs, library etc. and a general review about the programs.

- 1<sup>st</sup> year
- Academic Ambience
- Student Support Systems
- Strengths, Weaknesses, Concerns, Suggestions

The general ambience of the campus is good with adequate infrastructure in terms of classrooms, furniture and laboratories.. There is a good mentoring system in place. The library facilities especially the journal subscription is very good. The laboratories are equipped to the requirements of the curriculum. NSS activities are good with three units of NSS. NCC is also functional.



## Strengths

1. Fairly good infrastructure and well maintained green campus
2. Good preplacement training programmes to improve the soft skills of students mostly hailing from rural background.
3. Retention and availability of senior and experienced faculty members
4. Forty-year-old institution with legacy
5. Student progression and success rate is good
6. 30 percent of the faculty members have doctorate degree
7. Strong and reputed alumni

## Weakness

1. Absence of good companies and low mean salary for placement
2. Research and Consultancy is low.
3. Lack of innovative practices in teaching- learning
4. Lack of leadership in bringing academic rigour and improvements in curriculum
5. Quality of question paper – Blooms taxonomy of higher order missing

## Concerns

1. Realistic practice of OBE and real awareness of OBE among stakeholders
2. Lack of Industrial training
3. Communication skills of students
4. Digitalization activities are not encouraging
5. Low fee structure for 70 percent students admitted through Govt

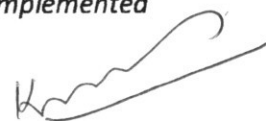
## Suggestions

1. Improve the student internship
2. Invest in faculty training
3. Improve Academic Rigour
4. Teaching learning process to improve attitudes along with knowledge and skills
5. MoU's with leading industries
6. Improve academic research
7. Improve industrial consultancy
8. Accelerate the Digitization process
9. Entrepreneurship and start up culture must be given priority
10. Implement visiting and Adjunct faculty schemes
11. Exposure of students to the industry and outside world is essential
12. Conduct performance evaluation of faculty members by external experts
13. Encourage students to appear for GATE/CAT examinations and provide special training
14. Tap the full potential of alumni

### 4. Status of imbibing of outcome based accreditation. For Example:

*Formulation of PEOs, PSOs, COs and mappings carried out and implemented*

- *Methodology for assessing the attainment of outcomes*




## Name of the Program

### A. Department/Program Specific

- *Continual improvement process status*

*Stakeholders (especially the faculty, HOD, students etc.) awareness about the process*

The PEOs, PSOs and COs have been formulated, and mapping is carried out. However, formulation of Learning outcomes and mapping system must be redone to make OBE effective. Generally, the stakeholders lack awareness of Outcome Based Education and hence efforts are needed to improve the understanding the philosophy behind the process and enjoy the outcome of the system.

  
Dr K P ISAAC