



# Bapatla Engineering College:: Bapatla

(Autonomous)

## Internal Quality Assurance Cell (IQAC)

---

### Summary Report of Academic Audit 2021-2022

The internal academic audit for the academic year 2021-2022 was successfully completed as per the schedule given in circular dated 27 & 28th October, 2022. The Purpose of the Audit is to provide the opportunity for a regular strategic overview of the Institution regarding the overall performance. The Self Evaluation Reports of all the Departments was presented to the external peer team members. Dr. M. Ramakrishna, Dean - IQAC and Dr. Y.Jyothi , Associate Dean - IQAC , Vignan Deemed to be University have visited the departments on 10.11.2022 and verified the audit related documents. The Peer Team Members appraised different aspects of the submitted documents and authenticated them with the supporting evidences as per the format. Principal, Deans, Convener - IQAC, Heads of Departments, and IQAC team members participated in a meeting with external auditors to conclude with the closing remarks. The following report consolidates the findings and put forth the suggestions and area of improvements possible in the future.

  
Dr. Nazzer Shaik

Chairperson -IQAC

  
Dr.P.Sundara Kumar  
Professor and Convener IQAC



## List of Internal Auditors

### Bapatla Engineering College = Bapatla

Internal Quality Assurance Cell (IQAC)

#### C I R C U L A R

[ACADEMIC AUDIT SCHEDULE FOR THE A.Y. 2021-2022]

Ref.: - BEC/A/6/2022/569

Date: October 21, 2022.

The following is the schedule of Academic audit for the year 2021-2022 to be conducted by IQAC of BEC. Hence, all the Heads of the departments are requested to instruct concerned coordinators to cooperate with the IQAC team members for smooth conduct of Academic Audit. IQAC convener will address the members of the audit committee regarding the methodology of the audit. The template of academic audit is already circulated to all the departments.

Date of Audit	Time	Departments	Members of Academic Audit Committee
27.10.2022 (Thursday)	8:00 am to 10:00 am	CE	1. Dr. D.Sameer Kumar, Assoc. Professor, Mech. 2. Dr. V.Venkata Kondaiah, Assoc. Professor, Mech.
	8:00 am to 10:00 am	CSE	1. Dr. P.Vinodh Babu, Assoc. Professor, ECE 2. Dr. V.M.S.N. Pavan Kumar Ch, Asst. Prof., ECE
	8:00 am to 10:00 am	ECE	1. Dr. N.Karthik, Associate Professor, EEE 2. Dr. J.Ravindra, Assistant Professor, EEE
	8:00 am to 10:00 am	EEE	1. Sri P.Ravi Kumar, Assistant Professor, IT 2. Dr. Sreedhar Pulipati, Assistant Professor, IT
	11:00 am to 01:00 pm	EIE	1. Dr. K.Prasada Rao, Sr. Asst. Prof., Chemistry 2. Dr. Ch.Subrahmanyam, Asst.Prof., Chemistry
	11:00 am to 01:00 pm	IT	1. Dr. K.V.L.N.Acharyulu, Assoc. Professor, Maths 2. Dr. Noorbhasha Rafi, Assistant Professor, Maths
	11:00 am to 01:00 pm	ME	1. Dr. T.Chandra Sekhar Rao, Prof. & Dean-R&D,CE 2. Dr. V.S.J.Yeswanth Paluri, Assistant Professor, CE
	11:00 am to 01:00 pm	Chemistry	1. Dr. Ch.Anjaneyulu, Assistant Professor, Physics 2. Dr. V.Aruna, Assoc. Professor, Physics
28.10.2022 (Friday)	8:00 am to 10:00 am	Mathematics	1. Dr. P.V.Nagamalleswara Rao, Asst. Prof., English 2. Dr. G.Ravikumar, Assistant Professor, English
	8:00 am to 10:00 am	Physics	1. Mr. M.Rajesh Babu, Asst. Prof., CSE 2. Smt. Ch.Mangamma, Asst. Prof., CSE
	11:00 am to 01:00 pm	English	1. Mr. N.Kiran Kumar, Asst. Professor, MCA 2. Mr. P.V.Koteswara Rao, Asst. Professor, MCA
	11:00 am to 01:00 pm	MCA	1. Mr. K.Sundeep Saradhi, Asst. Professor, CB & DS
	11:00 am to 01:00 pm	Cyber Security & Data Science	1. Sri. B.V.Kumara Swamy, Assoc. Professor, EIE 2. Sri T.Srinivasa Rao, Asst. Professor, EIE

  
[Dr. NAZEER SHAIK]  
PRINCIPAL

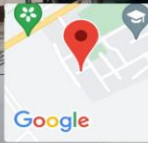
To:  
All HODs; All HODs for s/c;  
All Deans & Associate Deans;  
All Individuals;  
The Convener, IQAC.

Copy to: 1. President, B.E.S. for kind information.  
2. Secretary, B.E.S. for kind information.

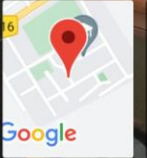
## Internal Auditor's Visit to the Departments (27 & 28th October,2022)



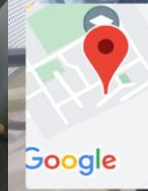
**Bapatla, Andhra Pradesh, India**  
 VCRR+Q67, Mallewari, Bapatla, Andhra Pradesh 522102, India  
 Lat 15.892274°  
 Long 80.440502°  
 27/10/22 11:33 AM



**Bapatla, Andhra Pradesh, India**  
 VCQR+M5F, Mallewari, Bapatla, Andhra Pradesh 522102, India  
 Lat 15.889248°  
 Long 80.44036°  
 27/10/22 11:46 AM



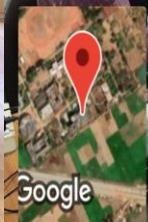
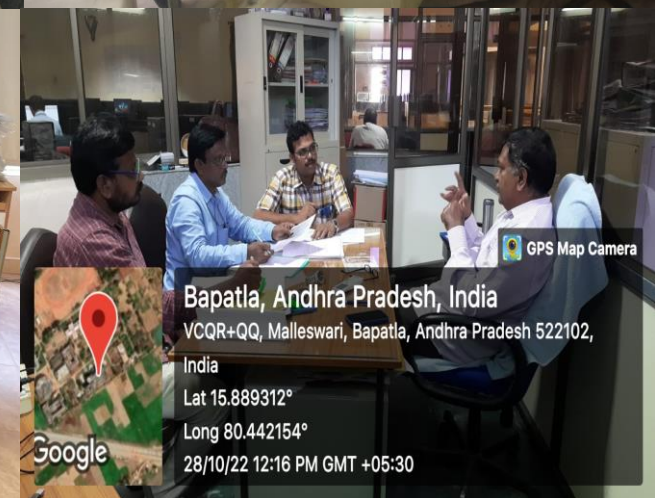
**Bapatla, Andhra Pradesh, India**  
 VCQR+WG5, Mallewari, Bapatla, Andhra Pradesh 522102, India  
 Lat 15.889683°  
 Long 80.441596°  
 27/10/22 12:42 PM GMT +05:30



**Bapatla, Andhra Pradesh, India**  
 VCQR+QQ, Mallewari, Bapatla, Andhra Pradesh 522102, India  
 Lat 15.889309°  
 Long 80.442148°  
 28/10/22 10:39 AM GMT +05:30

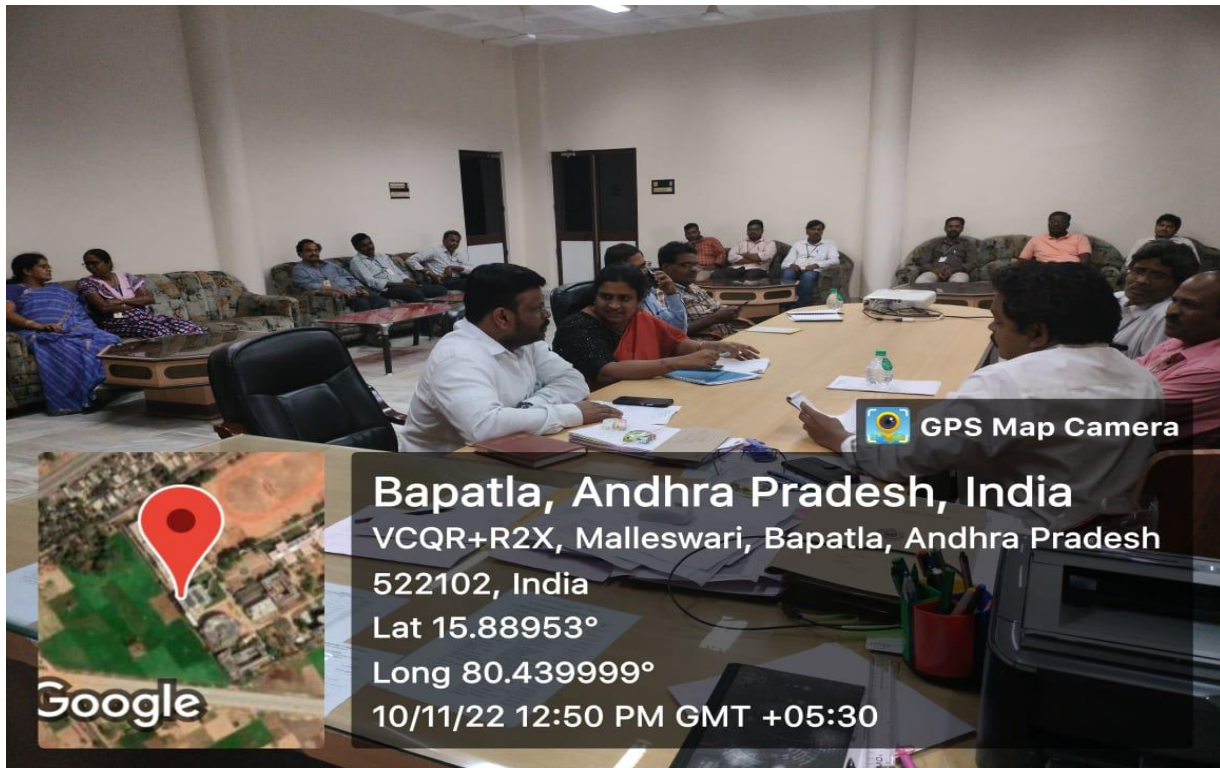


**Bapatla, AP, India**  
 Bapatla Engineering College Road, Mallewari, Bapatla, 522101, AP, India  
 Lat 15.889681, Long 80.440483  
 10/31/2022 10:31 AM GMT+05:30  
 Note : Captured by GPS Map Camera



**Bapatla, Andhra Pradesh, India**  
 VCQR+QQ, Mallewari, Bapatla, Andhra Pradesh 522102, India  
 Lat 15.889312°  
 Long 80.442154°  
 28/10/22 12:16 PM GMT +05:30





**Exit Meeting**

Sample evaluation Form

**Bapatla Engineering College**  
**Internal Quality Assurance Cell (IQAC)**  
 Department of Electrical and Electronics Engineering  
 ACADEMIC AUDIT - REPORT A.Y:2021-22

S.NO.	Item	Observations
<b>A</b>	<b>Course Delivery: Workload Details</b>	
1	Course Lesson Plan Preparation	
2	Verification Of Course Lesson Plans	
	Minutes Of The Meeting	
<b>B</b>	<b>Assessment</b>	
1	Schedule For Verification i). First Semester ii). Second Semester	
2	Internal Pre-Examination Verification: i). First Semester ii). Second Semester	
3	Internal Post-Examination Verification: (For Final Exam. Only)	
4	External Post-Examination Verification: (For Final Exam. Only)	
5	Assessment Methods Used: (Other Than Mid Term Exam And Final Exam.)	
6	Teaching Methods Used: (Other Than Chalk And Board Lecture)	
7	Department Meeting Minutes	
8	Best Practices Implemented If Any ( <i>Proof To Be Verified</i> )	
9	Innovations By Faculty/Students (Give Brief Description)	
10	Awards Won by Staff and Students	
<b>C</b>	<b>Continuous Improvement</b>	
1	Improvements Made To The Curriculum or Courses And The Procedure Followed	
<b>D</b>	<b>Research</b>	
<b>E</b>	<b>Professional Development</b>	
<b>F</b>	<b>Student Mentoring</b>	
<b>G</b>	<b>Student Feedback Summary</b>	
<b>H</b>	<b>Plans</b>	

## **Observations & Suggestions:**

### **Overall Observations:**

1. Road Map of the departments were planned and executed appropriately.
2. Curricular plan was prepared well before start of the semester and executed.
3. Every departmental activity is being recorded.
4. Course wise result analysis is carried out regularly by the departments.
5. Record of participation and achievements by both faculty members & students in various events are maintained by the respective departments.
6. Awards and Prizes by the faculty through best teacher award and other events are much appreciated.
7. Awards and Prizes by the students through hackathons, academic performance and other events are much appreciated.
8. Remedial classes are conducted and given additional material for below average students
9. Number of extension and outreach programmes in collaboration with industry/organization to be improved.
10. The Number of events held at the college is satisfactory. Nevertheless, they should emphasize practical trainings. Therefore, the number of hands-on training programmes should be increased.

### **Observations from the Departments:**

#### **Civil Engineering:**

1. More focus towards research & development activities is expected.
2. Industry collaboration & immersion to be improved.
3. The student's progression to be taken care of.
4. To encourage faculty members to attend FDPs/Seminars & to obtain online certifications.
5. Consultancy to be enhanced.
6. Admissions to be improved.

#### **Mechanical Engineering:**

1. Student and Faculty Paper Publications are good.
2. Faculty members to be motivated to apply for funded projects
3. Participation of faculty members in FDPs/workshops to be improved.
4. Students could be motivated to take part in Hackathons.
5. Admissions to be improved.

#### Computer Science & Engineering:

1. The activities of Centre of Excellence are much appreciated.
2. To enhance Alumni network and make use of the same.
3. To improve international Collaborations and publications are to be encouraged.
4. Corporate training to be enhanced

#### Information & Technology:

1. To conduct various events for the benefit of faculty members and students
2. Industrial Consultancy activities to be improved.
3. Research funding to be obtained.
4. Collaborative publications are to be encouraged.
5. IT department was advised to develop information management systems

#### Cyber Security and Data Science:

1. To conduct various events for the benefit of faculty members and students.
2. Publications to be improved.
3. Collaborate with Industries for the benefit of the students.

#### Electronics & Communication Engineering:

1. Highly motivated faculty members
2. IPR activities to be encouraged.
3. Interaction with outside world to be improved.
4. Students to be encouraged to take part in the Hackathons & similar other events.
5. Collaborative research to be enhanced.
6. Corporate training to be enhanced

#### Electrical & Electronics Engineering:

1. Faculty participation in FDPs/Seminars/workshops is much appreciated.
2. Online Certifications obtained by Faculty members & Students are remarkable.
3. Department should work closely to wards research funding from Government and other agencies.
4. Faculty should be motivated for quality publications.

#### Electronics & Instrumentation Engineering:

1. To conduct various events for the benefit of faculty members and students
2. Publications to be improved.
3. Research funding from government agencies has to be improved.



### MCA & M.Sc. (CS)

1. Need to concentrate on Publications
2. MoUs with relevant industries to be increased
3. Workshop / conferences report to need to be improved

### Mathematics

1. Faculty are advised to apply UGC / AICTE research funding projects
2. Faculty is to be motivated to register SWAYAM courses..etc
3. Orientation classes are to be conducted to cover the Fundamentals.

### Physics

1. Faculty should be motivated for quality publications and patents
2. Professional development activities needs to be improved.

### Chemistry

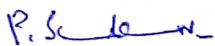
1. Faculty should be motivated for quality publications and patents
2. Professional development activities needs to be improved.

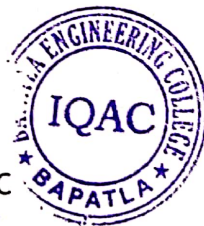
### English


1. Since the college is situated in the rural area, More training programs/events on communication , soft skills are to be conducted.
2. Paper Publications need to be improved.
3. Faculty is to be motivated to register SWAYAM courses.

Signatures of the External Expert members

<p>Dr. Ramakrishna.M Professor and Dean IQAC, Dean School of Conventional Engineering Vignan University dean_iqac@vignan.ac.in Ph.No.: 9346993999</p>	 <p>Dr. M. Ramakrishna, Ph.D Dean Internal Quality Assurance Cell <b>VIGNAN'S</b> Foundation for Science, Technology &amp; Research (Deemed to be University Estd. U/s. 3 of UGC Act 1956 Vadlamudi-Guntur-522 213, A.P.</p>
<p>Dr. Jyothi Yarlagadda Associate Dean IQAC Vignan University drjyothhi.yarlagaddaa@gmail.com Ph.No.: 9491505673</p>	 

  
 Dr.P.Sundara Kumar  
 Professor and Convener -IQAC  
**Dr. P. Sundara Kumar**  
 M.Tech.,Ph.D.,  
 Professor & Convener -IQAC  
 Bapatla Engineering College  
 Bapatla-522 102, (A.P.)



  
 Dr. Nazim Shaik  
 Chairperson -IQAC  
 Principal  
 Bapatla Engineering College  
 BAPATLA