



Bapatla Engineering College, Bapatla
(Autonomous)



Internal Quality Assurance Cell (IQAC)

Summary Report of Academic Audit 2022-2023

The internal academic audit for the academic year 2022-2023 was successfully completed as per the schedule given in circular dated January 4th and 5th, 2024. 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 were presented to the external peer team member. Dr. R. Suresh Kumar, Professor, BMS College of Engineering Bengaluru, visited the departments on 29th January 2024 and verified the audit related documents. The Peer Team Member appraised different aspects of the submitted documents and authenticated them with the supporting evidence as per the format. Principal, Convener - IQAC, Deans, Heads of Departments, and IQAC team members participated in a meeting with external auditor to conclude with the closing remarks. The following report consolidates the findings and puts forth the suggestions and area of improvements possible in the future.

P. Sundara Kumar

(Dr. P. Sundara Kumar)
Convener -IQAC

List of Internal Auditors



Bapatla Engineering College:: Bapatla
(Autonomous)
Internal Quality Assurance Cell (IQAC)



Ref.:- BEC/A6/2023/743

Date: December 30, 2023

C I R C U L A R

[ACADEMIC AUDIT SCHEDULE]

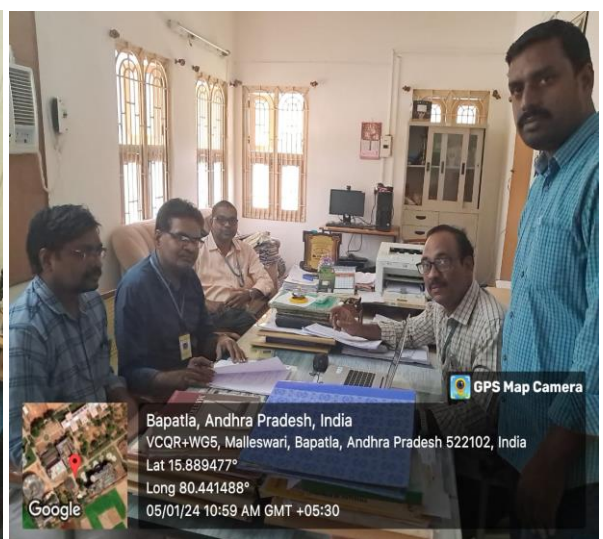
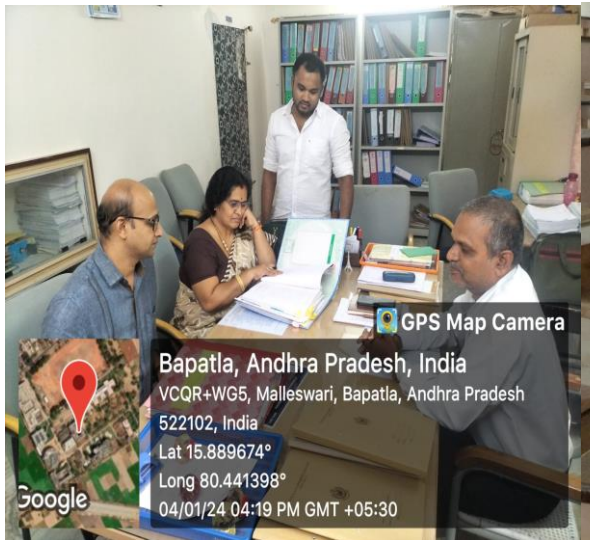
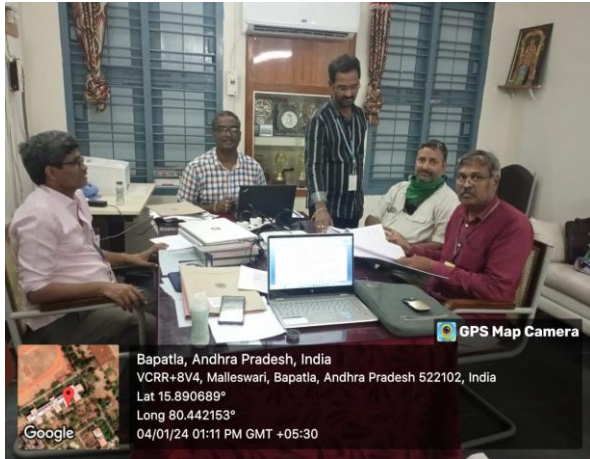
The following is the schedule of Academic audit for the year 2022-2023 to be conducted by IQAC of BEC. Hence, all the Heads of the departments are requested to instruct concerned coordinators to cooperate with the IQAC team members for smooth conduct of Academic Audit. IQAC convener will address the members of the audit committee regarding the methodology of the audit. The template of academic audit is already circulated to all the departments.

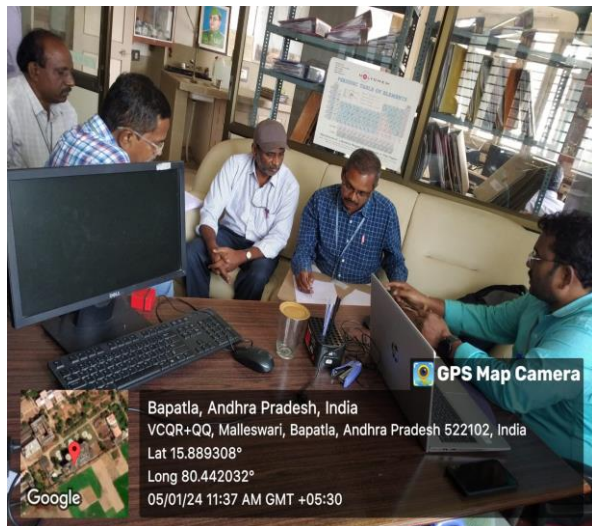
Date of Audit	Time	Departments	Members of Audit Committee
04.01.2024 (THU)	8:00 to 10:00 am	CE	1. Dr. P. Pardhasaradhi, Professor, CSE 2. Dr. A. Praveen, Assistant Professor, Mechanical
	8:00 to 10:00 am	CB&DS	1. Dr. B. Ratna Sunil, Associate Dean(R&D), 2. Dr. P. Vijaya Saradhi, Professor, Maths
	8:00 to 10:00 am	CSE	1. Dr. Ch. Maruthi Devi, Professor, CE 2. Dr. J. Ravindra, Assistant Professor, EEE
	8:00 to 10:00 am	ECE	1. Dr. P. S.V. Vachaspathi, Professor, CSE 2. Sri N. Karunakar, Assistant Professor, Maths
	8:00 to 10:00 am	EEE	1. Dr. D. Sameer Kumar, Associate Professor, ME 2. Dr. Ch. V.M.S.N. Pavan Kumar, Assistant Professor, ECE
	11:00 to 01:00 pm	EIE	1. Dr. V. Madhavarao, Associate Professor, Chemistry 2. Dr. M. Suneel, Assistant Professor, ECE
	11:00 to 01:00 pm	IT	1. Dr. K. Rama Krishna, Professor, Physics 2. Dr. N. Rafi, Assistant Professor, Maths
	11:00 to 01:00 pm	ME	1. Dr. P. Asha Madhavi, Assistant Professor, English 2. Dr. P. Ravi Kumar, Assistant Professor, IT
05.01.2024 (FRI)	11:00 to 01:00 pm	Chemistry	1. Sri. B. V. Kumara Swamy, Associate Professor, EIE 2. Dr. CH. Anjaneyulu, Assistant Professor, Physics
	8:00 to 10:00 am	Maths	1. Dr. M. Venkateswara Rao, Professor, ME 2. Mr. K. Jaya Sundar, Assistant Professor, CE
	8:00 to 10:00 am	Physics	1. Dr. T. Srinivasa Rao, Associate Professor, Maths 2. Dr. G. Ravi Kumar, Assistant Professor, English
	11:00 to 01:00 pm	English	1. Dr. N. Karthik, Associate Professor, EEE 2. Mrs K. Bharathi, Assistant Professor, MCA
	11:00 to 01:00 pm	MCA	Mr. K Sundeep, Saradhi, Assistant Professor, CB&DS


30/12/23
PRINCIPAL

To
All Deans & Associate Deans;
All HoDs;
All HoDs for Staff Circulation
Library for s/c;
Physical Education Department;
The T&P Cell;
Convener, IQAC;
The Office Superintendent;

Internal Auditor's Visit to the Departments (January 4th and 5th, 2024)





External Auditor



Bapatla Engineering College

(Autonomous)

Mahatmaji Puram, BAPATLA-522102, Guntur (Dt.), A.P., INDIA

Sponsored by the Bapatla Education Society

Approved by AICTE - Affiliated to Acharya Nagarjuna University

Estd.1981

Dr. NAZEER SHAIK, M.Tech., Ph.D.
PRINCIPAL

Ref: BEC/A/IQAC/2023/610A

Date: 23-Jan-2024

To,

Dr. Suresh Kumar
Dept. of Mechanical Engineering
BMS College of Engineering
Bengaluru
E-Mail: rsureshkumar.mech@bmsce.ac.in

Sir,

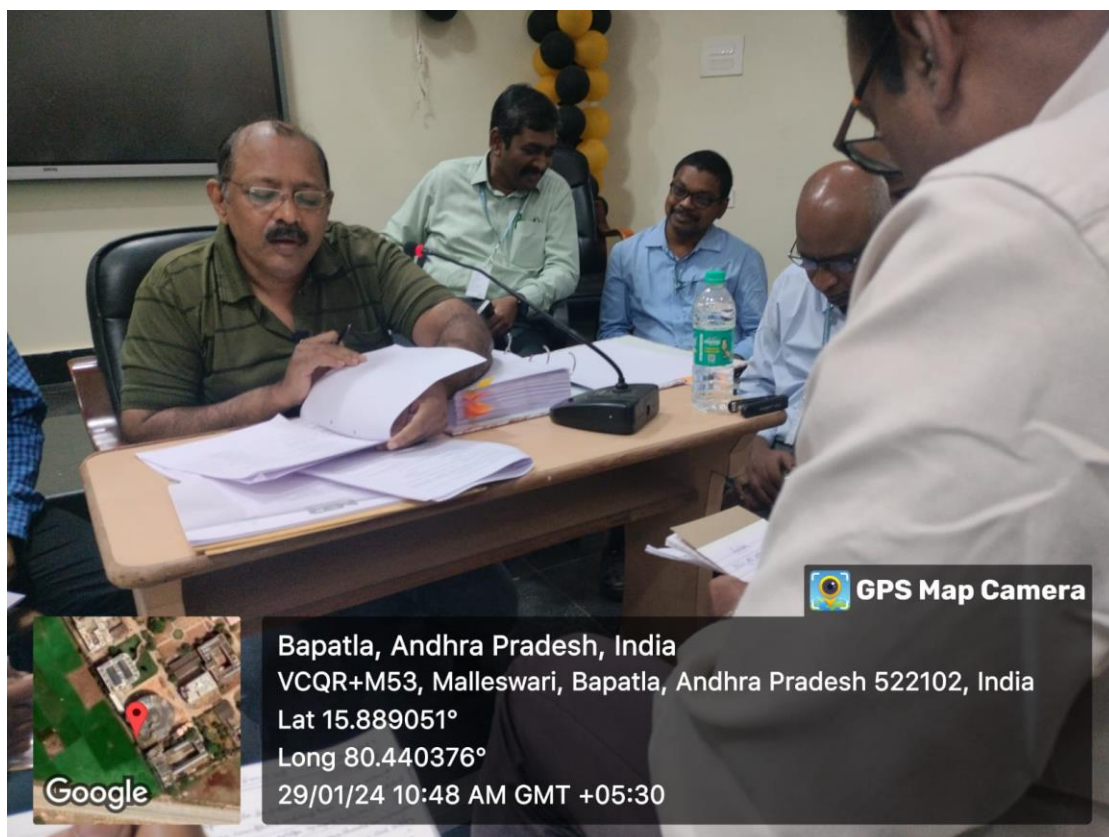
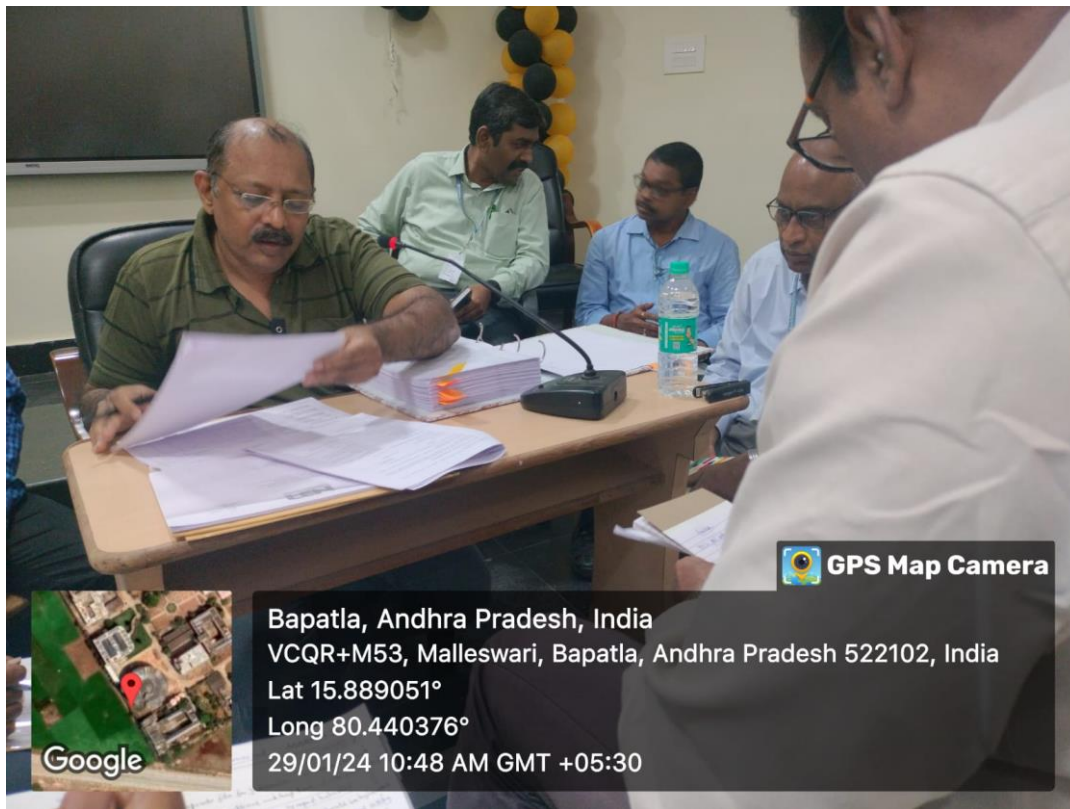
Sub: Appointment of Expert Member in Annual Academic Auditing. -Reg.

I am glad to inform you that you have been appointed as an external member for the annual academic audit in our Bapatla Engineering College, Bapatla. You are therefore requested to make it convenient to present on 29.01.2024 at 9.00 am. in the Principal chamber for evaluate the academic audit in our institution.

Thanking You

PRINCIPAL
Bapatla Engineering College
BAPATLA - 522 101.

External Auditor Visit to the Departments (29th January 2024)



Sample evaluation Form

Internal Quality Assurance Cell (IQAC)

BAPATLA ENGINEERING COLLEGE (A) :: BAPATLA – 522102.

INTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT

(AAA for the Departments)

DEPARTMENT:

AUDIT DATA

S.No	Particulars	Remarks by the Auditor																																							
I. Students Information																																									
1	<p>a) Programs Offered</p> <table border="1"> <thead> <tr> <th>S.No</th> <th>Name of the Program</th> <th>Sanctioned Intake</th> <th>Admitted</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	S.No	Name of the Program	Sanctioned Intake	Admitted																																				
S.No	Name of the Program	Sanctioned Intake	Admitted																																						
2	<p>Details of Students for the Current Academic Year</p> <p>a) No of Students Year Wise</p> <table border="1"> <thead> <tr> <th>Year</th> <th>UG</th> <th>PG</th> </tr> </thead> <tbody> <tr> <td>I</td> <td> </td> <td> </td> </tr> </tbody> </table> <p>Category Wise Admissions</p> <table border="1"> <thead> <tr> <th>Year</th> <th colspan="2">SC</th> <th colspan="2">ST</th> <th colspan="2">OBC</th> <th colspan="2">EWS</th> <th colspan="2">GEN</th> </tr> <tr> <td> </td> <th>Boys</th> <th>Girls</th> <th>Boys</th> <th>Girls</th> <th>Boys</th> <th>Girls</th> <th>Boys</th> <th>Girls</th> <th>Boys</th> <th>Girls</th> </tr> </thead> <tbody> <tr> <td>I</td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> <p>Best Rank EAPCET : ECET PGCET:</p> <p>Lowest Rank EAPCET : ECET PGCET:</p> <p>Average MPC Score (I Year) :</p>	Year	UG	PG	I			Year	SC		ST		OBC		EWS		GEN			Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	I											
Year	UG	PG																																							
I																																									
Year	SC		ST		OBC		EWS		GEN																																
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls																															
I																																									

3	<p>Results</p> <p>a) No of Graduates in UG and in PG for the academic Year</p> <table border="1"> <thead> <tr> <th colspan="3">UG</th> <th colspan="3">PG</th> </tr> <tr> <th>No of Students in that batch (including Laterals)</th> <th>No of students graduated</th> <th>Pass percentage</th> <th>No of Students in that batch</th> <th>No of out going students</th> <th>Pass percentage</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> <p>b) Results for the academic Year</p> <table border="1"> <thead> <tr> <th>Semester</th> <th>No of Students appeared the Exam</th> <th>No of Students Passed</th> <th>Pass Percentage</th> </tr> </thead> <tbody> <tr> <td>I</td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	UG			PG			No of Students in that batch (including Laterals)	No of students graduated	Pass percentage	No of Students in that batch	No of out going students	Pass percentage							Semester	No of Students appeared the Exam	No of Students Passed	Pass Percentage	I				
UG			PG																									
No of Students in that batch (including Laterals)	No of students graduated	Pass percentage	No of Students in that batch	No of out going students	Pass percentage																							
Semester	No of Students appeared the Exam	No of Students Passed	Pass Percentage																									
I																												
4	<p>Mentoring/ Counselling Process</p> <ul style="list-style-type: none"> List of Mentors and Mentees Proofs of Mentor and Mentee interactions and evidence of Success 																											
5	<p>Details of Student Projects and their outcomes i) UG ii)PG</p>																											
6	<p>Details of Placement, Internship and Training activities:</p> <p>(a) Placement Activities:</p> <p>(b) Internship Activities:</p> <p>(c) Details of Training Activities/coding school activities/soft skills / Skill Development Courses conducted for your Department students</p>																											
7	<p>Details on MoUs and Ongoing /Completed Activities</p>																											
8	<p>Particulars of Co-Curricular and Extra-Curricular Activities (with proofs)</p> <p>(i)Detailed list of Events conducted by College / Department</p> <p>(ii) Events attended by the students Inside/ outside the institute (Participation and won prizes) at the College Level / District Level / National / International Level</p> <p>(iii) Detailed list of Participants/ Prizes / Awards won by the students in NCC/NSS/Extension activities</p>																											
<p align="center">II Faculty Information</p>																												

S.No	Number	As per Requirement (1:20 based on sanctioned intake)	Present
1	Professors		
2	Associate Professors		
3	Assistant Professors		
4	Total		

(i) Ph.D qualification : _____

(ii) Post Graduation Qualification and Registered for Ph. D : _____

(iii) Post Graduation Qualification but Not registered for Ph.D. Faculty:

SFR - UG : PG:

List of Faculty

SFR - UG : PG:

[illegible]

Faculty with more than 15 years of Teaching Experience	
Faculty with more than 8 years of and less than 15 Years Teaching Experience	
Faculty with more than 1 years of and less than 8 Years Teaching Experience	
Faculty with less than 1 years of Teaching Experience	

S.No.	Name	Sex	Designation	Highest Qualification	Date of Joining	Experience in BEC	Experience outside BEC in Teaching	Industrial Experience	Total Experience
1									
2									

Total Non Teaching Staff : Male : Female

[illegible]

Total Non Teaching Staff : Male : Female

10	<p>Details on Faculty Improvement/Enrichment Programmes :</p> <p>(a) FDP /STTP/Workshops/Seminars organized by the Department :</p> <p>(b) Conferences organized by the Department:</p> <p>(c) FDP /STTP/Workshops/Seminars attended by the faculty:</p> <p>(d) Conferences attended by the Faculty:</p> <p>(e) Any Other relevant information _____</p>																									
11	<p>(a) Details of Research Publications:</p> <p>(i) No. of publications in Journals (National/International)</p> <p>(ii) No. of publications in Conferences (National/International)</p> <p>(iii) Books / Book Chapters</p> <p>(b) Details of Patents/ copyrights/Industrial Designs :</p>																									
12	<p>(a) Details on Ongoing Research/Sponsored Research Project Details:</p> <table border="1"> <thead> <tr> <th>S.No</th><th>Name of The Faculty</th><th>Project Proposal</th><th>Amount</th><th>Funding Agency</th><th>Status (Submitted / In Progress / Completed)</th></tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> <p>(b) Report on Consultancy Details:</p> <table border="1"> <thead> <tr> <th>S.No</th><th>Name of The Faculty</th><th>Nature / Title</th><th>Amount</th><th>Client</th><th>Status (Submitted / In Progress / Completed)</th></tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	S.No	Name of The Faculty	Project Proposal	Amount	Funding Agency	Status (Submitted / In Progress / Completed)							S.No	Name of The Faculty	Nature / Title	Amount	Client	Status (Submitted / In Progress / Completed)							
S.No	Name of The Faculty	Project Proposal	Amount	Funding Agency	Status (Submitted / In Progress / Completed)																					
S.No	Name of The Faculty	Nature / Title	Amount	Client	Status (Submitted / In Progress / Completed)																					
III Budget and Facilities																										
13	Details of Budget Proposals Submitted																									
14	<p>(a) Details on Laboratory-wise Facilities with the following data:</p> <p>(b) Details on Consolidated Computing facilities in the Department</p> <p>(c) Class rooms/Tutorial rooms/Drawing Halls/Laboratories/Department Library/ HoD Office /Faculty rooms/seminar halls/waiting halls etc</p> <table border="1"> <thead> <tr> <th>S.No</th><th>Description</th><th>Hall/Room Numbers</th><th>Area (inSq mts)</th></tr> </thead> <tbody> <tr> <td>1.</td><td>Class Room</td><td>CMB17</td><td>XXXX</td></tr> <tr> <td>2.</td><td>Seminar Hall</td><td>XXXX</td><td>XXXX</td></tr> </tbody> </table> <p>(d) Number of LCD Projectors/Digital Boards available in class</p> <p>(e) Information on any other Teaching Aids (ICT Facilities)</p>	S.No	Description	Hall/Room Numbers	Area (inSq mts)	1.	Class Room	CMB17	XXXX	2.	Seminar Hall	XXXX	XXXX													
S.No	Description	Hall/Room Numbers	Area (inSq mts)																							
1.	Class Room	CMB17	XXXX																							
2.	Seminar Hall	XXXX	XXXX																							
15	<p>Report on Library, Internet & other facilities:</p> <p>(a) Library and Information Centre (of Your Department in the central Library)</p> <p>(b) Department Library:</p> <p>(c) Internet Connectivity: _____</p>																									

	IV Administrative Data																																									
16	<p>The availability of Following Documents in the Department</p> <table><tr><td>(i) Class Time Tables</td><td>(YES/NO)</td></tr><tr><td>(ii) Individual Faculty Time Tables</td><td>(YES/NO)</td></tr><tr><td>(iii) Laboratory wise Time Tables</td><td>(YES/NO)</td></tr><tr><td>(iv) Individual Non-Teaching Time tables</td><td>(YES/NO)</td></tr><tr><td>(v) Academic Calendar</td><td>(YES/NO)</td></tr><tr><td>(iv) Board of Studies</td><td>(YES/NO)</td></tr><tr><td>(v) Department Advisory Board/DDC</td><td>(YES/NO)</td></tr><tr><td>(vi) Department Research Committee</td><td>(YES/NO)</td></tr><tr><td>(vii) Feedback on Faculty and action taken Reports</td><td>(YES/NO)</td></tr><tr><td>(viii) Reports on Stakeholders on Curriculum</td><td></td></tr><tr><td>(i) Course end survey</td><td>(YES/NO)</td></tr><tr><td>(ii) Graduate Exit Survey</td><td>(YES/NO)</td></tr><tr><td>(iii) Alumni</td><td>(YES/NO)</td></tr><tr><td>(iv) Employers</td><td>(YES/NO)</td></tr><tr><td>(v) Parents</td><td>(YES/NO)</td></tr><tr><td>(vi) Faculty</td><td>(YES/NO)</td></tr><tr><td>(ix) Lesson Plans and Course Files</td><td>(YES/NO)</td></tr><tr><td>(x) Completed Registers</td><td>(YES/NO)</td></tr><tr><td>(xi) Question Paper Verification Forms</td><td>(YES/NO)</td></tr><tr><td>(xii) Grievance Reports</td><td>(YES/NO)</td></tr></table>	(i) Class Time Tables	(YES/NO)	(ii) Individual Faculty Time Tables	(YES/NO)	(iii) Laboratory wise Time Tables	(YES/NO)	(iv) Individual Non-Teaching Time tables	(YES/NO)	(v) Academic Calendar	(YES/NO)	(iv) Board of Studies	(YES/NO)	(v) Department Advisory Board/DDC	(YES/NO)	(vi) Department Research Committee	(YES/NO)	(vii) Feedback on Faculty and action taken Reports	(YES/NO)	(viii) Reports on Stakeholders on Curriculum		(i) Course end survey	(YES/NO)	(ii) Graduate Exit Survey	(YES/NO)	(iii) Alumni	(YES/NO)	(iv) Employers	(YES/NO)	(v) Parents	(YES/NO)	(vi) Faculty	(YES/NO)	(ix) Lesson Plans and Course Files	(YES/NO)	(x) Completed Registers	(YES/NO)	(xi) Question Paper Verification Forms	(YES/NO)	(xii) Grievance Reports	(YES/NO)	
(i) Class Time Tables	(YES/NO)																																									
(ii) Individual Faculty Time Tables	(YES/NO)																																									
(iii) Laboratory wise Time Tables	(YES/NO)																																									
(iv) Individual Non-Teaching Time tables	(YES/NO)																																									
(v) Academic Calendar	(YES/NO)																																									
(iv) Board of Studies	(YES/NO)																																									
(v) Department Advisory Board/DDC	(YES/NO)																																									
(vi) Department Research Committee	(YES/NO)																																									
(vii) Feedback on Faculty and action taken Reports	(YES/NO)																																									
(viii) Reports on Stakeholders on Curriculum																																										
(i) Course end survey	(YES/NO)																																									
(ii) Graduate Exit Survey	(YES/NO)																																									
(iii) Alumni	(YES/NO)																																									
(iv) Employers	(YES/NO)																																									
(v) Parents	(YES/NO)																																									
(vi) Faculty	(YES/NO)																																									
(ix) Lesson Plans and Course Files	(YES/NO)																																									
(x) Completed Registers	(YES/NO)																																									
(xi) Question Paper Verification Forms	(YES/NO)																																									
(xii) Grievance Reports	(YES/NO)																																									
17	Action taken report of the previous year “Academic Audit” findings and the effectiveness of the same																																									
18	Action taken report of the previous year “Program Exit Survey Feedback” findings and effectiveness of the same:																																									
19	Any other relevant information / Significant achievements of the Department																																									

Signature of HOD


20	Auditor's Report/ Comments:
----	-----------------------------

Name of the Auditor and Designation	Signature	Date

Overall Observations:

1. Road Map of the departments were planned and executed appropriately
2. Faculty members may be motivated to publish more research papers in Indexed Journals
3. All faculty members actively participated in the audit.
4. Faculties are motivated to participate more FDPs'
5. Faculties with Ph.D. can be encouraged to register as supervisors
6. Encourage faculties for more patents
7. More workshops can be organized for students to motivate them to become entrepreneurs
8. Students can be motivated to participate in Project and coding competitions
9. Record of participation and achievements by both faculty members & students in various events are maintained by the respective departments.
10. Remedial classes are conducted and given additional material for below average students
11. Number of extension and outreach programmes in collaboration with industry/organization to be improved.
12. 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

Signature of the External Expert member

Dr. R.Suresh Kumar Assistant Professor Dept. of Mechanical Engineering BMS College of Engineering Bengaluru rsureshkumar.mech@bmsce.ac.in	
---	--



Dr.P.Sundara Kumar
Professor and Convener -IQAC



Dr. Nazzer Shaik
Chairperson -IQAC

PRINCIPAL
Bapatla Engineering College
BAPATLA - 522 101.