Bapatla Engineering College

(Autonomous)

Department of Civil Engineering

FEEDBACK and ACTION TAKEN REPORTS FOR A.Y 2023-2024

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Stake holder	Feedback/Suggestion	Action taken
Alumni	Current state of knowledge in industries to be imparted	Students are permitted to undergo Industry-Internships during 6th and 8th semesters
Alumni	Include courses like soft skills & technical communications	Soft skills & technical communication courses area included in the curriculum as credit course
Students	Certification Courses need to be encouraged	Students are encouraged to do more Certification Courses through SWAYAM
Students	Include Interdisciplinary Courses in Curriculum	The Interdisciplinary Courses are included as Open Electives
Students	Permit to do job in Final year without attending the classes	Allowed to do job in final year and have to complete their subjects through MOOCS course.
Students	Provide opportunity for greater self-study	Students allowed to utilize the library and laboratories beyond contact hours
Teacher	Improvement of laboratory courses	Laboratory courses were modified
Teacher	Need to provide MAT LAB	MAT lab will be introduced in second year 3rd sem as per R-20 regulations
Employer	Need to be updated with latest technologies	Latest courses are included in the curriculum with labs for practical knowledge.
Employer	Ethics and morality of students respectfully acknowledged to promote values, professionalism, a better culture among students and work related commitment.	In curriculum to incorporate ethics and moral values and commitment towards work, professional ethics and human values course is added.

T. Chandra Sekhar Rao.

Dr. T. CHANDRASEKHAR RAO
M.Tech., Ph.D.
Professor & HOD
Department of Civil Engineering
Bapatla Engineering College
BAPATLA - 522 102

Ref: CSE/2023-24/2024-4   **Date: 20/6/2024**

Feedback and Action Taken Report for A.Y: 2023-24

Feedback from	Points	Action Taken
Alumni	Latest technologies related /Advanced subjects must be developed to meet the needs of IT industries.	Job-oriented/Professional Elective courses are increased in the R-20 Curriculum.
Alumni	The syllabus must be designed to improve employability skills. Skill-oriented subjects must be developed to enhance specific domain knowledge.	Honors courses are added to R20 regulations so students can study the latest technology-related subjects. We also introduced and encouraged the students to take the two MOOC courses as part of their curriculum.
Teachers	Syllabus upgrades must be done regularly, and they should match the current needs.	After R-18 regulations , R-20 Regulations have been implemented
Teachers	Each Student should be free to choose the subjects that he/she wants to take as part of his/her curriculum.	CBCS system has been implemented and framed as per APSHE guidelines
Teachers	Staff members can attend FDP/Conferences/ Research training programs.	The management encouraged staff members to attend FDP programs during the semester based on the program's quality.
Students	Implement New Courses on the Latest Technologies	New courses like DevOps and block chain technologies are introduced based on the latest trends.
Students	They have suggested that more practical knowledge is necessary for real-time projects.	Seminars, training classes and workshops were conducted.

Professor & Head
Department of Coumputer Science & Engineering
Bapatla Engineering College
(Autonomous)

Bapatla Engineering College:: Bapatla

(Autonomous)

Department of Electronics and Communication Engineering

FEEDBACK and ACTION TAKEN REPORTS FOR A.Y 2023-2024

Stake holder	Feedback/Suggestion	Action taken
Alumni	Current state of industrial skills to be imparted	Students are required to complete Industry Internships during the 5th, 7th and 8th semesters.
Alumni	Include courses like soft skills & technical communications	Soft skills & technical communication courses area included in the curriculum as credit course
Students	Certification Courses need to be encouraged	It was decided that any two courses in the curriculum, starting from the third year can be replaced with equivalent NPTEL courses.
Students	Include Interdisciplinary Courses in Curriculum	The Interdisciplinary Courses are included as Open Electives
Students	Provide opportunity for greater self-study	Students allowed utilizing the library and laboratories beyond contact hours.
Students	Students requested to permit them to choose course teachers	Students are given privilege to choose their course teachers for all courses in 5th and 7th semesters.
Employer	Need to be updated with latest technologies	Latest courses are included in the curriculum with labs for practical knowledge.
Employer	Ethics and morality of students respectfully acknowledged promoting values, professionalism, a better culture among students and work related commitment.	To incorporate ethics, moral values, and a commitment to work, a course on professional ethics and human values has been added to the curriculum.

Head of the Department

HOD CE,

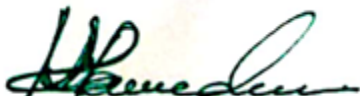Bapatla Engineering College.

BAPATLA-522 101.

Bapatla Engineering College
(Autonomous)
Department of Electrical and Electronics Engineering

FEEDBACK and ACTION TAKEN REPORTS FOR A.Y 2023-2024

Stake holder	Feedback/Suggestion	Action taken
Alumni	Industry training is needed for the students	Students are encouraged to attend various Internships and real time Projects off line mode
Students	Need more training on problem solving techniques	Technical training and CRT classes are being conducted to improve their skills
Students	Increase no. of field trips/site visits	Industrial tours were arranged for all students getting practical knowledge.
Students	Conduct GATE classes	GATE Exam materials circulated by in house faculty as per their Specialization wise.
Students	Improve placements	Introduced Industrial Automation Centre of Excellence Established Automotive Electronics Lab for getting employment in core sector.
Teacher	Inclusion of latest technologies in Curriculum	Job oriented Solar and Wind Course included in the curriculum
Teacher	Industry demand testing tools must be included in curriculum	Industrial Automation, VLSI courses has made mandatory
Employer	Need more focus on industrial training	Industry-Internship is through off line over aperiod of 1 Month or 3 Months after completion of first year.

Signature of HOD

Bapatla Engineering College: Bapatla

(Autonomous)

ACTIONS TAKEN REPORT FOR ACADEMIC YEAR 2023-24

S.No	Recommendations	Action Taken
Faculty		
1.	Value Added Programmes to enrich the employability skills and to focus on specific industry requirements time to time.	1.Students have got NPTEL certification as per the department recommendations 2.Verilog HDL programming was introduced
Students		
1.	Additional classes for poor performance students	Remedial classes were conducted
2.	Requested more books for issue on studies like GATE.	1.Books related to GATE were procured and are available in the library 2.Students have access NPTEL Videos in the department computer centre
3.	Lab facilities in all working days upto 4:30p.m.	Faculty are available in the department up to 4:30 pm to support students in afternoon session
4.	Interaction after class work	Students are encouraged to meet Faculty for clarifications of doubts
Alumni		
1.	Suggested to include advanced subjects in the curriculum	1.Included the subjects " Artificial intelligence, VLSI Design and Industrial Automation Lab"
Employers		
1.	Innovativeness, creativity	Awareness for creative ideas encouraged with mini projects and encouraging student to participate in inter college fests.
2.	Make students compatible with the industry needs.	"Strategic Training to Equip Professional Skills" Training was introduced.
AICTE		
1	Introduction of MOOCs	Students got NPTEL online certification
College Academic Council	Suggested to include Artificial Intellegence, Encourage students to do MOOCS	Included Artificial intellegence in the curriculum

HOD,EIE

Dr. M.V.N. CHAKRAVARTHI
HOD, EIE
BAPATLA ENGINEERING COLLEGE
BAPATLA - 522 101

Changes in R18 curriculum based on the feedback from stakeholders

Feedback From	Suggestions	Action Taken
Alumni	Our esteemed alumni suggested the inclusion of an additional course focused on Probability and Statistics	In response to the alumni's recommendation to include a course aimed at improving students' Analytical skills, the department has taken proactive measures and included "**Probability and Statistics**" subject in fourth semester of the R18 curriculum.
	Our esteemed alumni suggested the inclusion of additional courses focused on enhancing students' communication skills	In response to the alumni's recommendation to include course aimed at improving students' communication skills, the department has taken proactive measures and included '**Technical English**' subject in the curricula from the first year on wards.
	Strongly recommended the inclusion of contemporary subjects such as Machine Learning and Artificial Intelligence in the curriculum, along with dedicated laboratory sessions.	In response to the valuable suggestion from our esteemed alumni regarding the inclusion of "**Machine Learning and Artificial Intelligence**" subjects with dedicated lab sessions, the department has initiated steps to integrate these subjects into the curriculum.
Faculty	Our faculty and Alumni recommended the inclusion of hands-on lab courses such as Python Programming Lab in the curriculum.	In response to the faculties and Alumni recommendation for introducing hands-on lab courses such as "**Python Programming Lab**", the department has introduced the lab courses in the curriculum.
AICTE	AICTE recommends the introduction of MOOCs (Massive Open Online Courses) as part of the academic curriculum to encourage continuous skill development among students.	In response to the AICTE's recommendation to introduce **MOOCs** for continuous skill development, the department has begun integrating various MOOCs into the academic framework.
College Academic Council	The College Academic Council suggests the inclusion of mandatory courses based on the UGC (University Grants Commission) guidelines in the curriculum. These courses will ensure that the curriculum aligns with national educational standards and provides students with a well-rounded education.	In response to the College Academic Council's suggestion to include **Mandatory Courses** based on UGC guidelines, the institution has undertaken a comprehensive review of the curriculum. The necessary adjustments are being made to incorporate **UGC-recommended courses**, ensuring compliance with national educational standards.
Employer	As employers, we emphasize the importance of collaboration between academic institutions and industry professionals to bridge the gap between academia and real-world applications.	Establishing formal **Collaborations with industry** partners to offer students opportunities for **Internships**, live projects, and mentorships.

Head of IT Department

Head of the Department
Information Technology
Bapatla Engineering College

Department of Mechanical Engineering

Bapatla Engineering College:: Bapatla

Feedback and Action taken report for A.Y. 2023-2024

Stake holder	Feedback/ Suggestion	Action taken
Alumni	Include Interdisciplinary Courses in Curriculum	Open elective subjects have been added in the syllabus, also students has a provision to study Honour/Minor courses.
Alumni	More focus should be given on Employability/ Skill development	Professional Electives/ Skill oriented courses have been added in the curriculum.
Teachers	Need to Update the Syllabus for current needs	R-20 Regulations have been implemented.
Teachers	Emphasis should be given to Project work to get at least one Publication from project.	Complete eighth semester is provided for project work.
Teachers	Improve core Placements	Job oriented courses have been included in the curriculum, as a result students could find employment in either core or IT sectors.
Students	More Number of Field trips are needed	Field trips were arranged to various industries to gain practical knowledge.
Students	Need more knowledge related to Programming subjects	Programming subjects have been included in the curriculum as job oriented course which is a theory cum practical Course.
Students	Need more training for campus recruitment	Technical Training and CRT classes are being conducted to improve their skills.

Head of the Department

Mechanical Engineering

PROFESSOR & HEAD
Department of Mechanical Engineering
Bapatla Engineering College
Bapatla

Bapatla Engineering College
(Autonomous)
Department of CBDS&AIML

FEEDBACK and ACTION TAKEN REPORTS FOR A.Y 2023-2024

Stake holder	Feedback/Suggestion	Action taken
Alumni	Current state of knowledge in industries to be imparted	Students are permitted to undergo Industry-Internships during 6th and 8th semesters
Alumni	Include courses like soft skills & technical communications	Soft skills & technical communication courses area included in the curriculum as credit course
Students	Certification Courses need to be encouraged	Students are encouraged to do more Certification Courses through SWAYAM
Students	Include Interdisciplinary Courses in Curriculum	The Interdisciplinary Courses are included as Open Electives
Students	Permit to do job in Final year without attending the classes	Allowed to do job in final year and have to complete their subjects through MOOCS course.
Students	Provide opportunity for greater self-study	Students allowed to utilize the library and laboratories beyond contact hours
Teacher	Improvement of laboratory courses	Laboratory courses were modified
Employer	Need to be updated with latest technologies	Latest courses are included in the curriculum with labs for practical knowledge.
Employer	Ethics and morality of students respectfully acknowledged to promote values, professionalism, a better culture among students and work related commitment.	In curriculum to incorporate ethics and moral values and commitment towards work, professional ethics and human values course is added.

Head Of The Department

Ref: MCA/2023-24/2024-5   **Date: 23/4/2024**

Feedback and Action Taken Report for A.Y: 2023-24

Feedback from	Points	Action Taken
Alumni	Latest technologies related /Advanced subjects must be developed to meet the needs of IT industries	Job-oriented/Professional Elective courses are increased in R-20 Curriculum
Alumni	The syllabus must be designed for improving employability skills. Skill-oriented subjects must be developed to enhance the specific domain knowledge.	Honors coursed are newly added in R20 regulations for the students to study the latest technology related subjects and also introduced and encouraged the students to do the two MOOCs courses as the part of their curriculum.
Teachers	Syllabus up gradation must be done at regular basis and it should matches with the current needs.	After R-18 regulations , R-20 Regulations have been implemented
Teachers	Each Student should be given has freedom to choose the subjects that he/she want to take as part of their curriculum.	CBCS system has been Implemented and framed as per as per APSHE guidelines
Teachers	Staff members can be allowed to attend FDP/Workshops.	*The management encouraged staff members to attend FDP programs during semester based on thequality of the program.*
Students on	Implement New Courses / Latest technologies	*New Courses are introduced such as Introduction to R Programming, R Programming LAB,Web services and Web services lab as per the latest trends.*
Students	They have suggested to have more practical knowledge to do real time projects.	Seminars, training classes and workshops were conducted.

HOD, MCA Dept.

Stake Holder	Feedback/Suggestion	Action Taken
Students	It is difficult to follow theory papers. Include some Applied Mathematics papers.	Requested Head of the department and BOS chairman, ANU to make necessary changes in the next revision of the syllabi.
Students	Notations are very difficult in near rings paper. Please provide some reference books	Head of the department, ANU are requested to suggest some reference books in near rings.
Students	Requested to include some applications in partial differential equations.	Head of the department and BOS chairman, ANU are requested to include the applications in partial differential equations in the next revision of the syllabi.
Students	Some of the pure mathematics papers are to be replaced with problematic papers.	Head of the department and BOS chairman, ANU are requested to make necessary changes in the next revision of the syllabi.
Teacher	Modifications in some of the complicated courses in the syllabi as the students input is very low	Head of the department and BOS chairman, ANU are requested to make necessary changes in the next revision of the syllabi.
Teacher	It is required to include application oriented concepts for coping up the latest trends in the next revision of the syllabi.	Head of the department and BOS chairman, ANU are requested to make necessary changes in the next revision of the syllabi.
Teacher	It is advised to do some modifications in the syllabi in view of getting benefit to the students in CSIR, GATE examinations.	Head of the department and BOS chairman, ANU are requested to include Linear integral equations and Calculus of variations in the syllabi.
Alumni	It is suggested to include some papers related to CSIR/NET.	Head of the department and BOS chairman, ANU are requested to include Linear integral equations and Calculus of variations in the syllabi.
Alumni	Include Matlab in Numerical Methods	Head of the department and BOS chairman, ANU are requested to include matlab in Numerical methods paper.
Alumni	Include some problematic papers in place of some theory papers.	Head of the department and BOS chairman, ANU are requested to include Linear integral equations and Calculus of variations in the syllabi.

HOD, MATHEMATICS
Head, Department of Mathematics
Bapatla Engineering College
BAPATLA 522 102, A.P

Bapatla Engineering College::Bapatla
Department of CHEMISTRY
FEEDBACK and ACTION TAKEN REPORTS FOR A.Y 2023-2024

Stake holder	Feedback/Suggestion	Action taken
Alumni	Suggesting to make necessary changes in the % of pass marks in all subjects	Proposed to recommend to the Head of the department, ANU to take necessary steps to have action on the suggestion.
Alumni	Better to include Lab on software tools related to Chemistry	Recommended to the BOS chairman to include it in the revised syllabus.
Student	Suggested to include instrumental methods of analysis and concepts on batteries in the syllabus.	Proposed to recommend to the BOS chairman to make necessary action while doing revision of syllabus.
Student	Suggesting to include green chemical concepts and nanomaterials in the syllabus	Recommended to the BOS chairman to redesign the Syllabus with inclusion of green chemical concepts and nanomaterials in the syllabus.
Student	Suggesting to conduct CSIR classes to the students.	We are proposed to conduct coaching classes for NET & GATE to the students in the third sessions with the experts from reputed coaching centers from the next academic year onwards.
Student	Suggesting to provide practical knowledge on the software like Chemdraw, ISIS draw which help us for research	Faculty who are handling project lab are instructed to conduct few lab sessions on use of softwares like Chemdraw, ISIS draw with immediate effect.
Teacher	Suggesting to add open electives in the curriculum on computational chemistry.	Recommended to the BOS chairman to include computational chemistry related electives in the revised syllabus.
Teacher	Suggesting to include the synthesis of some latest drugs in the syllabus of practical organic chemistry	Recommended to the BOS chairman to add synthesis some latest drugs in the syllabus of practical organic chemistry

HOD, CHEMISTRY

Bapatla Engineering College(A):: Bapatla
Department of Physics
FEEDBACK and ACTION TAKEN REPORT AY. 2023-24

Stake holder	Feedback/Suggestions	Action Taken
Student	Lab manuals with possible viva-voce questions should be available.	New Lab manuals are prepared containing viva-voce questions at the end of each experiment and made available for each student.
Student	Request to implement some virtual lab experiments on advanced topics.	virtual lab experiments are demonstrated to students courtesy of IITKGP & AMRUTHA University etc.
Teacher	Research orientation projects to be carried	Faculty members are encouraged to apply for Research Projects
Teacher	Suggested the syllabus to cover topics for SLET, NET & GATE exams.	Informed to ANU, BOS Physics members according the suggestions
Alumni	Suggested to improve teaching and communication skills suited for employability.	Student seminars are arranged and included in the Time-Table.
Alumni	Suggested to increase more placements after completion of course.	Various colleges are invited for campus selection.

HOD, Physics