



DEPARTMENT OF BIOTECHNOLOGY

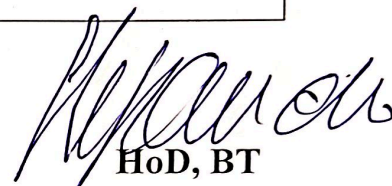
Action Taken Report on the feedback obtained in AY2019-20

(B.Tech. Biotechnology)

05/07/2020

Stakeholder	Comments/Suggestions	Action Taken or Suggested
Alumni	Include more professional electives to get expertise in a particular field	More number of electives will be added during the next curriculum revision.
	Courses must improve the chances of higher education to students.	In addition to CRT (Campus Recruitment Training), special classes for GATE exam will be conducted.
Student	Take steps to give more practical orientation to students to understand concepts clearly.	More number of workshops will be organized for better understanding of concepts clearly..
	Add design concepts to Bioprocess Engineering course	Bioreactor design concepts will be included in Bioprocess Engineering course during the next curriculum revision.
	It is better to provide option for students learning their choice of interested courses through online e-learning digital platforms	Flexibility is given to students to acquire credits through MOOCs/NPTEL-Swyam courses. During the next curriculum revision, we will consider enhancing weightage.
Employer	It is required to introduce advanced professional electives for solving health and food issues occurring due to exponential growth of population.	More number of electives will be offered in those specified areas during the next curriculum revision. In the mean time Value added courses and webinars will be organized.
	Introduce courses which make familiar with students on advanced research areas in the field of Biotechnology.	Though the three professional elective streams contain good many numbers of new courses which comprises of advanced research topics, webinars with eminent scientists from national research institutes will be organized.
Faculty	Professional electives and skill-based approaches should be strengthened to get expertise in particular field	This is in practice and more number of Add-on courses will be conducted.

Stakeholder	Comments/Suggestions	Action Taken or Suggested
	Projects and skill-based practices are required for industry demands	This is in practice and more number of projects will be offered.
Parents	Communication skills are very much required for graduate students	In addition to the courses such as English Proficiency and communication skills and Technical English communication, Subject-wise seminars will be introduced to improve communication skills.
	Practical experience is more important for engineers	In addition to Intra-disciplinary projects, Inter-department projects and workshops will be conducted to give exclusive hands-on experience.


HoD, BT

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Foundation for Science, Technology & Research

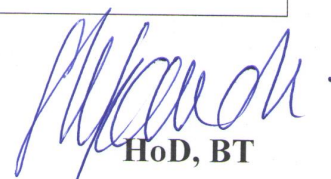
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DEPARTMENT OF BIOTECHNOLOGY**Action Taken Report on the feedback obtained in AY2019-20****(B.Tech Bioinformatics)****05/07/2020**

Stakeholder	Comments/Suggestions	Action Taken or Suggested
Alumni	Introduce courses that have intersection between Bioinformatics and Biotechnology	More weightage will be given to the courses which are having intersection between Bioinformatics and Biotechnology. In due course value added courses will be conducted.
	The curriculum must be suitable for attempting national competitive examinations and industry needs	In addition to CRT (Campus Recruitment Training), special classes for GATE exam will be conducted.
Student	Activities related to life skills and employability have to be included in the curriculum	Modular courses, Technical seminars, workshops by industrial experts will be conducted to improve employability skills.
Employer	Emphasis has to be given on computer-based courses to improve programming skills.	Webinars and Value-added courses will be conducted to give more emphasis on programming skills.
	More insights related to the subject namely structural bioinformatics has to be given for better understanding of biological processes and drug development for diseases.	Necessary action will be taken to conduct webinars on structural bioinformatics.
Faculty	Reduce the core biology/ biotech-oriented syllabi and they may be replaced with other bioinformatics related subjects	In the next revision, more importance will be given to core informatics courses and programming courses.

Stakeholder	Comments/Suggestions	Action Taken or Suggested
	To improve programming skills of students, the courses like Computer Programming, Object Oriented Programming and Unix Programming are essential in bioinformatics domain.	More number of webinars and Value-added courses will be conducted to give more emphasis on programming skills.
Parents	Communication skills are very much required for graduate students	In addition to the courses such as English Proficiency and communication skills and Technical English communication, Technical seminars and subject-wise seminars will be introduced to improve communication skills.
	Practical experience is more important for engineers	In addition to Intra-disciplinary projects, more number of workshops will be conducted to give exclusive hands-on experience.


HoD, BT



Department of Electronics and Communication engineering

B.Tech Biomedical engineering

Action Taken Report on the feedback obtained in AY 2019-20

26/06/2020

Stakeholder	Comments/Suggestions	Action Taken or Suggested
Student	Industrial visits are to be conducted	Industrial visits to core companies such as AMTZ Vishakhapatnam and hospitals such as Ramesh hospitals are identified and when the restrictions are removed they can visit the hospitals. More of these would be conducted at regular intervals.
	Regular workshops or extra courses needed.	Value added courses on medical devices compliance testing, product testing, EMC and EMI compliance testing will be offered.
Alumni	Core courses which are more inclined towards advances in recent technology are to be included	Courses on Machine vision in medical technology, programming courses on neuroimaging will be introduced during next curriculum revision.
	More emphasis should be given to simulation/ software based experiments	Value added courses on Python programming for medical applications and Comsol software will be introduced.
Employer	Motivation of students towards conducting research should be done.	Wide array of research problems will be identified for students and will be executed under the supervision of faculty.
	AMTZ facility should be visited	All batches of students regularly visit AMTZ as a regular practice.
Faculty	Credits should be given to NPTEL/ MIT open courseware	Interested students can acquire credits from online courses via NPTEL. Credits through

	courses.	MIT open courseware will be considered during next curriculum revision.
Parent	Communications skills need to be improved	To enrich the communication skills technical seminars will be given high importance.
	Hospital visits should be conducted.	Students will be taken to hospitals and industries. Students interested in pursuing career as biomedical engineer in hospitals will be encouraged to do internships in various specialized departments.


HOD, ECE

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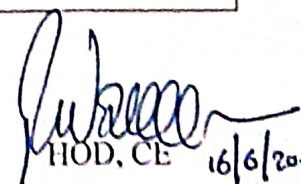


Action Taken Report on the feedback obtained in AY2019-20

B. Tech Civil Engineering

16/06/2020

Stakeholder	Comments/Suggestions	Action Taken
Alumni	Required experiments on loading frame testing machine	Workshops will be conducted on beams and columns testing experiments.
	Conduct extra tutorials	It is a regular practice of conducting slow learner classes after the university hours. These will be incorporated in the fourth coming academic year
	Conduct programming classes for civil students also.	Webinars and workshops will be conducted on coding.
Student	Conduct classes on software	As a part of this value added courses on software like Auto CAD, ETABS were conducted and more will be conducted.
	Conduct training program on Finite Element Modeling	As a part of this value added course was conducted on nonlinear modeling and more will be conducted on Software like ANSYS and ABAQUS.
	Introduce to practical projects for subjects	More practical exposure will be offered to students by involving them in on going live projects
Employer	Need separate lab for structures	This will be considered during the next curriculum revision.
Faculty	Conduct classes on software	As a part of this value added courses on software like Auto CAD, ETABS were conducted and more will be conducted.
	Give more classes on practicality rather than theory class	In addition to extensive laboratory sessions embedded in the curriculum students will be involved in In-house construction activities to enhance the practical knowledge.
Parent	Introduce practical projects for subjects	In addition to majority of theory courses amalgamated with practical labs students, will be exposed to wide array of live construction projects.


HOD, CE 16/6/2020

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Action Taken Report on the feedback obtained in AY 2019-20**B.Tech Chemical Engineering****Date: 24/06/2020**

Stakeholder	Comments/Suggestions	Action Taken
Alumni	Provide more field knowledge and industry oriented subject	In addition to several upstream and downstream industry oriented courses, field visits also will be conducted.
Student	Include more importance in problem solving skills and more practical knowledge related to industry in curriculum	Modular course, employability skills, webinars, value added courses, seminars and workshops will be organized inviting concerning and specific industrial experts.
Employer	Find the solutions for real time applications	More emphasis will be given to software related and problem solving skill oriented courses further in future curriculum revisions.
Faculty	Include some more industry oriented elective subjects	Several subjects are already incorporated and more numbers will be counted in future revisions.
Parent	The curriculum must improve the placements of the department.	Industry internship and industrial training for the students has been a regular practice. Further action will be taken to provide more placements in nearest industrial sector

Ramesh
Head of the Department

HEAD
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Department of Electronics and Communication Engineering
B.Tech Electronics and Communication Engineering
Action Taken Report on the feedback obtained in AY 2019-20

24/06/2020

Stakeholder	Comments/Suggestions	Action Taken
Alumni	Advanced courses in core engineering.	Core engineering courses such as IoT, ARM Controllers are already included in curriculum. More number of advanced courses will be incorporated during next major revision.
	More emphasis on simulation/software based experiments.	More number of value added courses will be offered during 2020-2021.
Student	More weightage for projects.	Students will be given wide choice of projects and will execute them successfully with the support of faculty. In addition, students will be encouraged to present their projects in various project expos.
	Improve the quantity of the courses conducted by industry persons.	Industry personnel involvement in value added courses, technical seminars, etc. will be further enhanced.
Employer	Train them initially at the campus before coming to industry.	Students will be encouraged to participate in value added courses, guest lectures, workshops delivered by industry personnel which will fulfill the requirements.
	Students has to equip with Additional skills.	Additional skills will be provided in terms of CRT training and with Value added courses from industry experts.

	Encourage the students to solve societal problems.	Students will be encouraged to solve technical challenges pertaining to societal centric projects. Students will be made into groups who will work under the supervision of faculty.
Faculty	Courses on Artificial Intelligence (AI) and Deep Learning (DL) should be included in the curriculum.	Students can acquire credits by choosing NPTEL courses pertaining to AI and DL. In addition, we will promote students to choose MOOCs courses such as Coursera in these lines.
	Course on smart antenna should be included.	The concept of smart antenna is included in the course titled "Antennas and Wave propagation". A value added course on smart antennas will also be offered.
Parent	Communications skills need to be improved.	Apart from the curriculum, university is offering training for PET and BEC in association with Cambridge University. Technical seminars will also be given priority in the curriculum.
	Students should also be made to participate in various co-curricular activities.	Students can attend the co-curricular and extra-curricular activities in various organizations, for that SAC at university level and VOICE in department level will enable the students to orient in that direction.


HOD, ECE



Action Taken Report on the feedback obtained in AY2019-20

B.Tech. Computer Science and Engineering

16/06/2020

Stakeholder	Comments/Suggestions	Action Taken
Alumni	Compared to previous regulations this regulation seems to be good because of more time being provided for coding	Weekly time slots will be allotted to Coding Practice.
	Students should be credited for Co-curricular, like curricular so as to motivate students by encouraging them to utilize part of their time in research and development.	These features will be discussed and added during the next curriculum revision.
Student	Need online evaluation for all labs	In addition to C Programming, DS, DAA and Python lab Course components will be evaluated through VUMOODLE and the work is in progress
	Need time for self-learning and time for online courses	Flexibility is given to acquire 9 credits through NPTEL/ MOOC/ EDX.
	Provide time for hacker earth	Weekly time slot is given
	Remove lab CLA's	In the view of Active Learning, this suggestion is given low priority at the moment.
Employer	programming skills need to be improved	Weekly time slot is given
Faculty	Add more case studies for every laboratory course to enable the skills in students	Suggested to include additional problems as annexure.
	Introduce Technical seminars with industrial person	Already this is in practice and more will be conducted.
Parent	Academics is excellent and all the staff are very helpful and supportive	----



HOD, CSE

HOD

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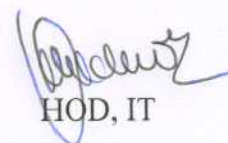
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Action Taken Report on the feedback obtained in AY 2019-20
B.Tech. Information Technology

08/06/2020

Stakeholder	Comments/Suggestions	Action Taken or Suggested
Alumni	Strengthen the students in industrial oriented technologies like Java Script, React JS, PHP & MySQL, Cloud computing, Big data and AI	Workshops, Value-added courses, and modular courses will be conducted during semester breaks
	Motivate the students to improve their practical knowledge in industrial oriented courses	In industrial oriented courses, we will offer more practical problems so that students can gain hands on experience
	Compared to previous regulations this regulation seems to be good because of more time being provided for coding	We thank the stake holder for suggestions, and we will further enhance it
	Improve the end-to-end application development knowledge among students in Web development projects	More emphasis will be placed on societal centric and industry-oriented projects
Student	Provide the environment to practice the lab experiments after class work	Our labs will be kept open for students to work after hours. Faculty will also stay after hours to clarify their doubts
	Include the choice for learning courses from MOOC platform and interdisciplinary	Already flexibility is given to carry out three courses of 9 credits through NPTEL. More of these will be added during next curriculum revision
	Provide time for hacker earth	Weekly time slot will be given
	It is better to offer the integrated course-based project development	intra-disciplinary, inter-departmental projects are already placed in the curriculum. In addition, we will encourage student to undergo wide array of technical projects apart from curriculum
Employer	Motivate the students towards coding skills	Weekly time slot will be given
Faculty	Add more case studies for every laboratory course to enable the skills in students	Suggested to include additional problems as annexure.
	Introduce Technical seminars with industrial person	Already this is in practice and more number will be conducted by leading industry experts
Parent	Department is supporting to improve the knowledge of students in curricular and co-curriculum activities.	----


HOD, IT

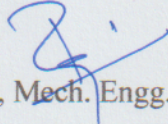
HEAD
Department of IT
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Vignansar, A.P. India,



Action Taken Report on the feedback obtained in AY 2019-20
B.Tech - Mechanical Engineering

12/06/2020

Stakeholder	Comments/Suggestions	Action Taken
Alumni	More open electives needed	Already large number of open electives are being offered. Some of the credits can be acquired through NPTEL. In addition to these more number of open electives will be offered in during the next curriculum revision
	In house training needed for competitive exams	Special classes for interested students will be conducted
	Before going to intern there must be knowledge of basic software tools	Already knowledge is being imparted to the students on basic software tools such as CAD, CATIA etc. in addition to it we will also conduct workshops and Value added courses
Student	None	Not Applicable
Employer	None	Not Applicable
Faculty	To have prior knowledge CFD should be learned before appearing internship in industries.	CFD will be offered through guest lectures in third year second semester
	Need more case studies on advanced manufacturing processes	Guest lectures will be offered in the areas of Advance Manufacturing processes by Industry personnel
	Non-Destructive testing in their curriculum which is useful for industrial applications	Workshop on Non Destructive Testing will be conducted
Parent	Core companies recruitment is required	Due to our continuous efforts and close association with companies we were able to place 60% of students in core companies during the AY: 2019-20. We will further strengthen this by inviting companies for offering internship cum placements to our students. Modular course by Industry personnel is already being offered to our students which helps them to gain industrial exposure. We will invite leading experts from industries to deliver technical seminars dealing with industrial problems.


HOD, Mech. Engg.



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Action Taken Report on the feedback obtained in AY 2019-20

B. Tech Petroleum Engineering

10/06/2020

Stakeholder	Comments/Suggestions	Action Taken or Suggested
Alumni	Add minor projects with subjects	More emphasis will be provided to enable hands on experience for the students
	Provide GATE coaching class	As usual GATE classes will be conducted
Student	Industrial visits should be organized at least once in a semester	Students will be provided the opportunity to visit industry at periodic intervals
Employer	Syllabus is well designed	-----
Faculty	New Lab equipment required for Drilling fluids and Reservoir lab	Will accomplish it in the next 6 months

HoD, Chemical Engg.

HEAD
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Action Taken Report on the feedback obtained in AY 2019-20**B.Tech Food Technology****19/06/2020**

Stakeholder	Comments / Suggestions	Action Taken
Alumni	Core Engineering subjects should be incorporated in curriculum	Food Processing Operations subject has been modified in R-19 Curriculum. Subjects like advanced Food Engineering can be considered for the next syllabus revision.
	Curriculum is well balanced and useful	Action not required.
Student	The new regulation seems to be very good comparative previous regulations due to importance given for skill (projects) based learning	Action not required.
Employer	Advances in courses like, Biotechnology, Food Safety and Quality and Nanotechnology must added to the curriculum	Topics will be discussed through modular courses, guest lectures and seminars.
	Biochemistry and Nutrition towards food perspective might be considered for the addition	Already this area is included in the subject entitled 'Biochemistry and Nutrition' and 'Food Chemistry and Toxicology' in R 19 curriculum. Based on need, further modification can be considered for future.
	Minor project in the core subject could be introduced to inculcate deep learning of the subjects, which gives practical exposure to the students as well	Intra departmental project system was already implemented in R 19 curriculum. Further improvements will be incorporated to do more projects on core areas for inculcating research interest among students.
Faculty	Departmental elective pool should be included	Elective pool system is already established in all B. Tech Regulations. The system can be strengthened with recent and advanced courses in upcoming regulations.
Parent	Provide more practical knowledge	In addition to project based learning, Industry internship leading to student placements has been focus and ensured that students will be availed with more exposure to industry sector. Students will be also motivated to attend workshops, project expo and national and international conferences.

HoD, Chemical Engg.

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Action Taken Report on the feedback obtained in AY 2019-20**B.Tech – Textile Technology**

Date: 27/06/2020

Stakeholder	Comments/Suggestions	Action Taken or Suggested
Alumni	Students to be made aware on Sustainability.	A seminar / conference on “Emerging trends in Sustainability” will be conducted.
Student	Need to add more Industry orientation	Webinars, Value added courses, Seminars and Workshops will be organized with technical experts.
Employer	Suggested to add more Leadership related subjects.	Good number of Leadership related courses will be offered during future Curriculum revisions.
Faculty	To provide More Courses in Fashion/ Apparel field.	Already Courses are included and more courses will be considered in future revisions.
Parent	More Importance to Coding and Computing classes.	Technical sessions on coding will be arranged based on choice of study.

Head of the Department**HEAD****Department of Chemical Engineering
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Action Taken Report on the feedback obtained in AY2019-20**B.Tech Agriculture Engineering****17/03/2020**

Stakeholder	Comments/Suggestions	Action Taken or Suggested
Alumni	Farm Machinery Training Required	Farm Machinery Training / workshops will be arranged during semester break.
Student	ICAR accreditation is required	Current curriculum is following ICAR Regulation. After completion of one batch, we will be eligible to get accreditation
	Remove Elective courses	Department elective course will offer in-depth knowledge in specific areas. Open electives will enhance knowledge in interdisciplinary areas. This is the reason for placing electives. 9 credits can be acquired for elective course via NPTEL. Students are encouraged to choose elective courses via Coursera, Tedex etc for enhancing their subject knowledge as well as knowledge in interdisciplinary areas.
Employer	None	Not Applicable
Faculty	Introduce Technical seminars with industrial person	More of technical seminars will be delivered by leading experts in the field.
Parent	Need practical experience	Students will be introduced with more number of technical challenges and under supervision of faculty will explore solution to the problems

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HOD, AE

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Andhra Pradesh-522 213.



Action Taken Report on the feedback obtained in AY2019-20

B.Tech Automobile Engineering

15/06/2020

Stakeholder	Comments/Suggestions	Action Taken or Suggested
Alumni	1. Add employability courses in curriculum	More number of workshops / seminars will be arranged
	2. Curriculum need to be enriched with current Industrial trends	As suggested, industrial related courses will be introduced during next major revision
	3. Activities related to lifelong learning are to be imparted	9 credits for MOOCS courses are already given in the revised R19 curriculum and this would be further enhanced during the major revision.
Student	1. Courses on current trends are to be offered	As suggested, courses in current trends will be offered as workshops, seminar and in value added courses
	2. More emphasis on communication and technical terminologies	More emphasis is given for communication like technical English, communication and technical seminar etc. in the current curriculum.
Employer	1. Students need to be work on real time problems faced by current industry and society	Students will be exposed to more number of technical projects offered by industry.
	2. Awareness on machine maintenance should be given to the students	As suggested, workshop on vehicle maintenance will be arranged.
Faculty	1. Special focus need to be given to slow learners	It is regular practice to conduct slow learner classes. In addition we will pay more attention to slow learners.
	2. Concept of Modular course has been continued from previous regulations	Already this is in practice and more number would be conducted.
Parent	1. In-house training to be provided for facing competitive exams	Training programs like GATE is already in practice and more number would be conducted.

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Action Taken Report on the feedback obtained in AY 2019-20

B.Tech Electrical and Electronics Engineering

18/06/2020

Stakeholder	Comments/Suggestions	Action Taken or Suggested
Alumni	Improve more practical sessions	Project based learning is already implemented and in addition to it more number of hands on workshops will be conducted.
	Add advanced core courses	Advanced core courses like Grid connected renewable systems, Embedded Systems Design for Power Applications etc. will be consider during the next curriculum revision.
Student	Strengthen programming skills	Additional coding classes will be offered to strengthen programming skills.
	Add industry based courses and offer add on courses on emerging technologies	More number of modular courses will be offered to have hands-on knowledge in emerging technologies used in industry in addition to value added courses.
Employer	Add Machine learning basics as core course	Hands on workshops and value added courses will be offered to get more exposure on machine learning in addition to existing Machine learning courses.
	Need to get practical exposure on ML	
Faculty	Introduce Technical seminars with the enhanced practical sessions	Leading experts from the industries will be invited to deliver workshops and Technical seminars.
	Assignments have to be given such that students focus on additional skills more focus on skill oriented programs	Self-learning through swayam and MOOCS platforms will improve their additional skills. During the next major revision of curriculum, more weightage would be given.
Parent	More weightage for the projects.	Students will be encouraged to design and execute technical projects in various project expos, symposiums etc.


HOD, EEE
Department of

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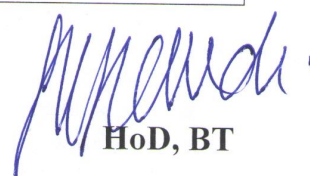
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DEPARTMENT OF BIOTECHNOLOGY**Action Taken Report on the feedback obtained in AY2019-20****(M.Tech. Biotechnology)****06/07/2020**

Stakeholder	Comments/Suggestions	Action Taken or Suggested
Alumni	Take steps to give more practical orientation to students to understand the concept clearly.	Integration of theory courses with laboratory will give more understanding of concept. Moreover, in R-20 intera and inter disciplinary projects were introduced which will provide more opportunities in understanding the concept.
	Addition of industrial orientation courses are more beneficial in getting placements.	Courses like Upstream and downstream processing, Natural Product Technology, Advanced Biochemical Reaction Technology and Industrial Biotechnology and Metabolic Engineering are having industrial orientation.
Student	It is essential to add basics principles of reactor design which are helpful for design of various bioreactors	It will be discussed in the ensuing BoS and necessary action will be taken to include the principals of reactor design concepts to Advanced Bioprocess Engineering course.
	Introduce courses which make familiar with students on advanced research areas in the field of Biotechnology.	The professional elective courses contain good many numbers of new courses which comprises of advanced research topics.
Employer	More courses associated with industrial technologies need to be introduced as these courses are grabbing highest percentage of job market in biotechnology industries.	Courses like Upstream and downstream processing, Natural Product Technology, Advanced Biochemical Reaction Technology and Industrial Biotechnology and Metabolic Engineering are having industrial orientation.

Stakeholder	Comments/Suggestions	Action Taken or Suggested
	Introduce more courses highlighting health issues and curb of diseases due to the exponential growth of population	In R-20 curriculum new professional electives such as 'Biomedical and health informatics, cancer biology Therapy and Cheminformatics and pharmacogenomics were introduced to give more exposure on advanced areas so as to have awareness on societal issues.
Faculty	It is necessary to add the course related to Bioprocess development and optimization through statistical tools for manufacturing of various bioproducts economically.	It will be discussed in the ensuing BoS and necessary action will be taken to include professional elective course on Bioprocess Optimization using statistical tools.
	Introduction of open elective subjects in the curriculum for the student industrial ready is advisable.	The courses included in professional electives of R-20 curriculum are having good potential of job market.
Parents	Communication skills are very much required for graduate students	In addition to the courses such as English Proficiency and communication skills and Technical English communication, Technical seminars and subject-wise seminars were introduced to improve communication skills.
	Practical experience is more important for engineers	Integration of theory with laboratory and minor projects were introduced in R-17 curriculum to facilitate more understanding of concepts. Further in R-20 curriculum, Interdisciplinary projects were introduced which will further improve chances of better understanding of concept.


HoD, BT

**VIGNAN'S**

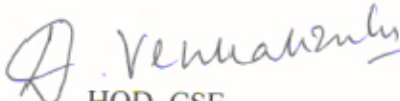
Foundation for Science, Technology & Research

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Department of Computer Science & Engineering**M.Tech Computer Science & Engineering****AY 2019-20 Action Taken Report****18/08/2020**

Stakeholder	Suggestion	Action Taken
Student	If possible reduce the number of Courses/ Credits	In comparison with R17, 12 credits are reduced.
	Need high end machines	Requests were submitted to the Registrar, for the arrangement of central-level computing facility in addition to the GPU machines at the department-level.
Employer	Concentrate on research	To impart the research orientation among the students, major emphasis is placed on Project based learning. In addition year-long Project work/internship have become part of curriculum
	Include the courses which improve the employability	Year-long internship in industries, courses in emerging areas such as Advanced data mining, web and database security, cyber security and laws, etc are introduced in R20 Curriculum which tend to promote employability.
Faculty	Give the opportunity to learn some courses through online	To promote self-learning, every student is mandatorily needed to pursue at least two courses of 6 credits through NPTEL.
	Inclusion of courses to enhance employability	Project based learning, Employment orientation program, courses in frontier areas are included in revised R20 curriculum.
	Reduce the number of courses in first year	The revised R20 Curriculum comprises of reduction in courses during the first year.
Parent	Curriculum imparts required Skills	***
Alumni	Include Machine Learning as Core Course based on the Industry Demands	As per the feedback and in the views of industry needs, Machine Learning is moved to professional Core stream and also Lab Component is added to Cloud Computing.
	If possible, include Lab component for Cloud Computing	


HOD, CSE
HOD**Dept. of Computer Science & Engineering**
VFSTR Deemed to be University
VADLAMDI - 522 213
Guntur Dist., A.P. India



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Department of Electronics and Communication engineering
MTech -Embedded Systems
Action Taken Report on the feedback obtained in AY 2019-20

31/07/2020

Stakeholder	Comments/Suggestions	Action Taken or Suggested
Alumni	Product development is to be introduced.	Internet of things course can provide the skills to students to carry out product development.
Student	Improve the project based learning in the curriculum	Mini project and societal centric/industry standard projects in sem-1 and sem-2 respectively improves the project based learning
Employer	More focus on Programming Courses	The following courses are included in curriculum to improve the programming skills among the students like, Data structures and algorithms for embedded programming, programmable logic embedded system design, IoT etc...
Faculty	Introduce application oriented courses in the curriculum	IoT in Core courses and elective courses like Industrial IoT, Smart sensors and Actuators are application oriented in R20 curriculum
	Introduce Technical seminars with the enhanced practical sessions	Credits allocated to Employment Orientation Program (EOP) which covers technical seminars.
	Offer some courses on online platform which promote self-learning	Students has to undergo two MOOCS Courses In Second year.
Parent	Introduce industry oriented courses	The courses like industrial IoT, RTOS are introduced in the curriculum.

HOD, ECE

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Action Taken Report on the feedback obtained in AY2019-20**M.Tech- Farm Machinery**

17/06/2020

Stakeholder	Comments/Suggestions	Action Taken or Suggested
Alumni	Add Course on Machinery for Precision Agriculture	Machinery for Precision Agriculture is incorporated in R20 regulation
Student	Add more courses in Electives	Sufficient care is taken to incorporate more Electives in R20 regulation
Employer	None	Not Applicable
Faculty	MOOCS courses need to be offered	As suggested the information will be shared and check the feasibility
	To have prior knowledge on Farm Machinery Equipment before appearing internship in industries	Already flexibility is given offer as many courses
Parent	Add Subject related to Design of Farm Machinery Systems	Design of Farm Machinery Systems subject is added in R20 regulation and made it as a core course

Narayan
HOD, AE

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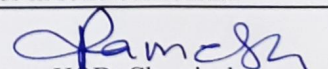
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Action Taken Report on the feedback obtained in AY2019-20**M.Tech Food Processing Technology****30/07/2020**

Stake holder	Comments/ Suggestions	Action Taken
Alumni	Elective subjects need to be modified	Several new elective courses has been added in R 20 regulation such as Advanced Food Engineering, Novel Separation Techniques, Fermented and Non-Fermented Beverages, Food Process Automation
	Arrange interaction with industry persons is more helpful to students	More industrial experts from food industries will be invited to deliver lectures in their expertise areas.
Student	More emphasis should be given to Food Microbiology	A new subject on Advanced Food Microbiology has been introduced. An elective course on Basic Food Microbiology has been provided for students from non-food background in R 20 curriculum
Employer	Provide more practical knowledge related to industry	Experts from the different process industries will be invited to conduct value added courses and workshops to impart knowledge related to industry
	Focus on Deterioration Engineering (about food spoilage including chemical, physical and microbiological) has to highlighted in the curriculum	The topic is included (about food spoilage including chemical, physical and microbiological) in FQSM in R 20 regulation
Faculty	Food Engineering related subject should be included.	Advances in Food Engineering subject has been introduced in R 20 regulation
	FQSM subject need to change in depth	The following concepts has been incorporated to syllabus considering revision on laws and regulations- ISO 17205, FSMS, ISO, BRC, HACCP (VACCP, TACCP) in R 20 regulation.
Parent	Placement cell should emphasis more on addressing job related to core field	Industry internship and industrial training for students has been ensured the more placement in nearest industrial sector in R 20 curriculum


HOD, Chemical

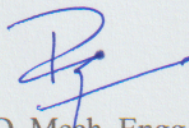


Action Taken Report on the feedback obtained in AY 2019-20

M.Tech – Machine Design

23/07/2020

Stakeholder	Comments/Suggestions	Action Taken or Suggested
Alumni	Add course on robotics and automation	Robotics and Automation course is incorporated in R20 Curriculum
Student	Add courses related to automation and shape memory analysis	Robotics and Automation is incorporated in R20 Curriculum as mandatory course and some of the automation topics are covered in elective course Mechanisms for Automation Systems. Design of Shape memory alloy actuators is offered as elective course in R20 curriculum.
Employer	MOOCS courses need to be offered	6 Credits have been allocated for MOOCS courses in R20 Curriculum
Faculty	Case study based learning need to be implemented	More case studies are incorporated in the courses for R20 curriculum
	To have prior knowledge on softwares before appearing internship in industries	These will be offered as value added courses
Parent	Add course related to design and analysis package.	Application oriented design and analysis courses are introduced in the R20 Curriculum namely Failure Analysis, Computer Aided Simulation, Design for Reliability, Design of Shape memory alloy actuators, Mechanisms for Automation Systems.


HOD, Mech. Engg.

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Action Taken Report on the feedback obtained in AY2019-20**M.Tech Power Electronics and Drives****31/07/2020**

Stakeholder	Comments/Suggestions	Action Taken or Suggested
Alumni	Advanced courses with real time exposure	Courses like digital control of power electronics and drive control, processor applications in electrical engineering, Electric Vehicles, Smart grid are introduced in revised curriculum R20 regulations.
Student	Improve the project based learning in the curriculum.	Introduced Minor project and industry oriented project in addition to the regular project in revised curriculum R20 regulations.
Employer	Concentrate on AI based applications	Artificial Intelligent systems course is introduced in revised curriculum R20 regulations.
	Need industry oriented skills	Industry oriented project course is introduced in revised curriculum R20 regulations.
Faculty	Introduce Technical seminars for understanding the basic concepts.	Seminars on each course are made compulsory.
	Add more reality concepts for better understanding the students	Value added course on the real-time applications will be offered
Parent	Include Employability and skill-oriented courses	Advanced courses like digital control of power electronics and drive control, processor applications in electrical engineering, Electric Vehicles, Smart grid are introduced in revised curriculum R20 regulations to improve employability and skills.

HOD, EEE

Department of
Electrical and Electronics Engineering
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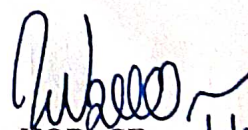
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Action Taken Report on the feedback obtained in AY2019-20**M. Tech Structural Engineering****16/06/2020**

Stakeholder	Comments/Suggestions	Action Taken or Suggested
Alumni	Upgrade laboratories with advanced equipment	ACT, RCPT equipment has been purchased in the Structural Engineering Laboratory.
	Require more topics on MATLAB for structural dynamics	MATLAB is included for the courses like Structural Dynamics and Theory of Elasticity and Plasticity in R20 curriculum.
	Include more elective courses	Electives related to emerging areas like Environmental Engineering, Construction Technology and Management have been incorporated in R20 curriculum.
Student	Conduct classes on software	As a part of this value added courses on software like Auto CAD, ETABS were conducted and more will be conducted.
	Introduce to practical projects for subjects	Mini and Socio centric Projects have been introduced in the curriculum
Employer	Please improve the structural engineering lab with advanced equipment	Loading frame testing machine, ACT, RCPT, Rebound Hammer equipment were arranged in Structural Engineering Laboratory and more will be arranged based on the research and consultancy needs.
Faculty	Please introduce software in the laboratory	MAT LAB, ANSYS and ABAQUS software have been included in the syllabus.
	Provide trainings on finite element analysis lab	As a part of this, value added course was conducted on nonlinear modeling and also planning to conduct software training on Finite Element Software like ANSYS and ABAQUS.
Parent	Introduce practical projects for subjects	Students are allowed to take one-year long Industry Oriented/ Sociocentric Project as an Inhouse Project or internship to gain the practical knowledge.


HOD, CE 16/6/2020



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Department of Electronics and Communication engineering

MTech -VLSI Design

Action Taken Report on the feedback obtained in AY2019-20

31/07/2020

Stakeholder	Comments/Suggestions	Action Taken or Suggested
Alumni	Need some more emphasis on Communication and Soft Skills to improve the placements	Employability Orientation is offered as a course with two credits in II Semester.
	Need to increase the complexity and toughness in Digital design lab programs. Need to add more FSM related designs with real time example.	More emphasis given on simulation/software-based experiments for real time examples.
Student	Programming languages/Scripting Languages should be strengthened.	Strengthened the Programming languages/Scripting Languages by adding practical.
	They suggested to increase core industry internships	Provision is given for one year industry internships
Employers	Instead of only Python, they suggested to include TCL/TK in scripting languages.	Strengthened scripting languages course by adding Python and TCL/TK.
Faculty	Suggested to have system level projects which supports society.	Mini projects and Societal Centric/ Industry standard Project is added.
	Suggested to include course on imparting research culture among the students.	To impart research orientation among students, Research Methods is offered as a three-credit course.
Parent	Include CRT for MTech students also.	It is already available and interested students can attend.
	Courses on emerging skills are highly needed	As per the suggestion, we have included very good number of courses on emerging fields of VLSI Testing and Verification.

HOD-ECE

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Action Taken Report on the feedback obtained in AY2020-21
BACHELOR OF BUSINESS ADMINISTRATION

16/06/2020

Stakeholder	Comments/Suggestions	Action Taken or Suggested
Alumni	Suggested to offer internship for full semester	Increased internship period from 4 weeks to 8 weeks during revised R20 curriculum
	Offer TALLY, MS OFFICE	Planning to Offer TALLY, MS OFFICE as value added courses
Student	Introduce operations specialization	Understanding the importance of operations course it was introduced in R20 curriculum
	Need skill development courses	Strengthened skill oriented courses by revising contents in Essential Skills for Managers and Analytical Skills for Managers course
Employer	New specializations can be introduced	E-commerce and usage of analytics in business is increasing hence operations and analytics course was introduced.
	Introduce courses like predictive analytics for managers	In R17 curriculum only focus is on ANOVA, Regression but forecasting techniques like Logistic Regression, Dummy variable Regression, Time Series Analysis etc are on demand hence introduced predictive analytics for managers course
	Introduce Online course	Introduced MOOCS Course
Faculty	Monitoring of internship and evaluation process should be strengthened	Already monitoring of internship and evaluation process is in practice
	Suggested to offer Accounting Lab, BEC classes	In R20 curriculum Accounting Lab was introduced
	Proposed to introduce SPSS, taxation for data analysis	Planning to introduce SPSS as Value Added Course
Parent	Strengthen counseling system	Counseling System is already in practice
	Offer certification courses	Planning to offer value added courses like MS OFFICE, Advanced Excel, SPSS, TALLY

Kelpa...
HOD, MBA

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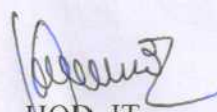
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Action Taken Report on the feedback obtained in AY 2019-20
Bachelor of Computer Applications (BCA)

10/06/2020

Stakeholder	Comments/Suggestions	Action Taken or Suggested
Alumni	Software development frameworks and tools better to offer from 2nd year onwards in the curriculum	Will be offered in the form of value-added courses
	The curriculum must be suitable for writing national competitive examinations and industry needs	Special classes in these lines will be conducted for interested students
Student	Improve the project-based learning in the curriculum	Students will be exposed to a wide array of projects and will work under supervision of faculty
	Include more importance in problem-solving skills in curriculum	Students will be involved in live projects
	Minimize the number of evaluation schemes and include the courses based on the feedback from industry experts	Will be considered during next curriculum revision
Employer	Suggested to have courses for exclusive IoT technologies related courses with the concepts like network programming, embedded systems, IoT with cloud and IoT with web	In addition to courses embedded in the curriculum, workshops and value-added course will be offered by leading experts in the field
Faculty	It is better to include more practical oriented topics instead of theoretical issues in the Big Data Analytics course.	Will conduct value added course on big data analytics
	Freedom to select advanced courses from electives courses	Already this is in practice and more will be considered during next revision
Parent	The curriculum must improve the placements of the department	The department is inviting leading experts from industry for delivering guest lectures and technical seminars to throw light on industrial projects


HOD, IT
HEAD

Department of IT
VIGNAN'S FOUNDATION FOR SCIENCE,
TECHNOLOGY AND RESEARCH
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Action Taken Report on the feedback obtained in AY 2019-20**Master of Computer Applications****22/07/2020**

Stakeholder	Comments/Suggestions	Action Taken or Suggested
Alumni	Strengthen the coding skills by allocating at least 50% of course to laboratories in the curriculum	Introduced integrated theory and laboratory courses. More than 50% of core courses are designed in this mode
	Organize workshops on emerging technologies in the field of computer science and information technology	Informed to workshops coordinator to organize hands on workshop in data science, data analytics, and cloud computing
Student	Include more courses on Web technologies and rapid software development tools	Planned to organize workshops on web development and software tools to develop web applications
	Include the choice for learning courses from MOOC platform and interdisciplinary	Already flexibility is given to carry out three courses of 1 credit through NPTEL.
Employer	Motivate the students towards coding skills	Planned to add extra worksheets on core laboratories of the programme
Faculty	Database design, data retrieval, and backup related issues need to discuss in the courses. Many industries are concentrating on database operations and backup issues.	Intimated to DBMS course coordinator to make sure that all the suggested topics must cover during course
	Include more importance in problem solving skills in curriculum	Introduced skills and activities for each course to get the real-time/industry usage of each course
Parent	Department is supporting to improve the knowledge of students in curriculum and co-curriculum activities.	----


HOD, IT

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Department of IT

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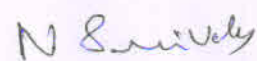
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Department of Sciences and Humanities**B. Sc(Mathematics, Statistics & Computers)****Action Taken Report on the feedback obtained in AY 2019-20****24/06/2020**

Stakeholder	Comments/Suggestions	Action Taken or Suggested
Student	Communication skills need to improve	English communication class with improved laboratory facility is included in R20 curriculum.
Employer	Add industry related courses	Artificial intelligence and Machine learning courses are introduced in revised R20 curriculum.
Faculty	Instead of distributed computing some recent advanced courses can be implemented.	Data Science, Big Data and Machine learning courses have been introduced as electives in R20 curriculum
Parent	Foreign language may be introduced from first year onwards	We ascertain through various modes that students communicate effectively in English. Also in future we have planned to offer other foreign languages.


Coordinator
HOD, S & H

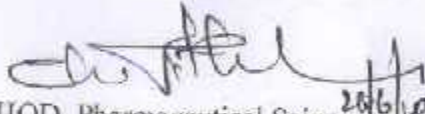


**ACTION TAKEN REPORT ON FEEDBACK OBTAINED DURING
2019-20**

BACHELOR OF PHARMACY

26/06/2020

Stakeholder	Comments/Suggestions	Action Taken or Suggested
Student	Computer skills should be enhanced for digitalizing the patient treatment data.	Course such as Python programming is included in the curriculum. More number of value added courses will be conducted to enhance computer skills in students
Employer	Hospital visits should be included.	Students will be taken to the hospitals to orient them towards the system. In addition course such as "Health Care Management" is included in the revised R20 curriculum for better understanding of the needs.
	The curriculum should be good and fulfills all the necessities of the student of B. Pharmacy.	Optional Credit less Electives Courses are also introduced in the revised R20 curriculum to promote interdisciplinary nature among courses thereby generating more awareness to the students in all areas.
Faculty	Patient counseling should be a part of additional activities to the curriculum.	Students will be encouraged for hospital visits at appropriate levels of learning so that they will have better understanding of patient counseling system.
	Students should have a broad understanding of hospital visits, patients counseling and computer skills.	We have revised our curriculum to incorporate all the said features. In addition, we will conduct workshops in these lines.


HOD, Pharmaceutical Sciences

HOD, Pharmaceutical Sciences
VFSTR, VADLAMUDI.



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Action Taken Report on the feedback obtained in AY 2019-20

MASTER OF BUSINESS ADMINISTRATION

17/06/2020

Stakeholder	Comments/Suggestions	Action Taken or Suggested
Alumni	Provide Internship for full semester	Already internship is offered for 12 weeks and we will explore the possibility of offering it for full semester during the next major revision
	Students should be given campus recruitment training	This is already being in practice and we will provide more CRT training
	Organize Guest Lectures	Guest lectures will be delivered by eminent persons from industry and academia.
Student	Offer analytics course	Analytics course was introduced in R19 MBA curriculum and its contents are strengthened by including forecasting techniques. We will also conduct value added courses.
	Need case studies	Case study based teaching is in practice and more case studies will be given to students.
	Strengthen skill oriented courses	Revised skill oriented courses and improved practical approach was embedded in the revised R19 curriculum. More number of valued added courses and workshops will be conducted in this line
Employer	New specializations can be offered	Earlier, focus was on statistics with excel. Introduced R with statistics in R19 regulation. In addition during the next curriculum revision we will add more specializations.
	Introduce credits for online course	Credits for MOOCS course was introduced in curriculum. More weightage for online courses will be considered during next curriculum revision.
Faculty	In the course Essential Skills for Manager I & II, external valuation can be introduced where 20 marks for internal evaluation and 30 for external evaluation.	Suggestion is being actively considered
	Replace Industrial & Organization Psychology with General Psychology	Considering the importance of Industrial & Organization Psychology it is given great importance. Contents of general psychology will be delivered as value added course
Parent	Revise Business Communication course	The contents to be incorporated in the course will be offered as value added course. During the next curriculum revision the course will be revised.

K. P. S. S.
HOD, MBA