



# ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES

(UGC AUTONOMOUS)

(Affiliated to AU, Approved by AICTE & Accredited by NBA & NAAC)  
Sangivalasa 531 162, Bheemunipatnam Mandal, Visakhapatnam Dist

## DEPARTMENT OF CHEMICAL ENGINEERING

### Action taken report on the feedback collected on curriculum for the academic year 2021-22

Stakeholder	Suggestions	Action taken
<b>Students</b>	<ol style="list-style-type: none"><li>1. Economics topics can be increased in CPEED course</li><li>2. Nanotechnology course can be included in curriculum</li><li>3. Softwares like ASPEN and MATLAB to be included in curriculum</li><li>4. More industrial visits and trainings need to be provided</li></ol>	<ol style="list-style-type: none"><li>1. It is placed in BoS 2023 for approval</li><li>2. It is included in curriculum as an elective</li><li>3. Python and DWSIM are included in the curriculum. ASPEN and MATLAB are being implemented as value added courses</li><li>4. Industrial trainings are included after 2nd year 2nd semester and 3rd year 2nd semester from R-20 regulations</li></ol>
<b>Faculty</b>	<ol style="list-style-type: none"><li>1. Faculty suggested to add fuel cell topic in CETD course</li><li>2. Insurance topic can be included in CPEED course</li><li>3. Drying and leeching equipment may be reduced in Mass Transfer - II course</li></ol>	<ol style="list-style-type: none"><li>1. It will be placed in BoS 2023 for approval</li><li>2. It will be placed in BoS 2023 for approval</li><li>3. The syllabus can be reduced and will be placed for approval in BoS 2023</li></ol>
<b>Alumni</b>	<ol style="list-style-type: none"><li>1. A few Alumni suggested to include simulation tools</li><li>2. A few Alumni suggested to include pharmaceutical related courses</li></ol>	<ol style="list-style-type: none"><li>1. Simulation tool DWSIM is added to curriculum from 2018-19 onwards and python course is added from 2019-20 onwards. Aspen and MATLAB are implemented as value added courses.</li></ol>

<b>Employers</b>	1. Softskills and communication skills need to be improved	1. Measures are taken to improve soft and communication skills for students as a part of curriculum by organizing course presentations, JAM sessions, presentations in conferences and project presentations. From 2021-22, seminar course in 2nd year 2nd semester is included in the curriculum to focus on these skill sets.
------------------	--	---

*R. Srikanth*

Prof. R. Srikanth  
HOD  
Chemical Engineering

**HEAD,  
DEPARTMENT OF CHEMICAL  
ENGINEERING**



## Anil Neerukonda Institute of Technology & Sciences (Autonomous)

(Affiliated to AU, Approved by AICTE & Accredited by NBA & NAAC with 'A' Grade)

Sangivalasa-531 162, Bheemūnīpātṇam Mandal, Visakhapatnam District

Phone: 08933-225083/84/87

Fax: 226395

Website: [www.anits.edu.in](http://www.anits.edu.in)

email: [principal@anits.edu.in](mailto:principal@anits.edu.in)

### Department of Chemical Engineering

#### Consolidated report on feedback and action taken on syllabus/curriculum for the academic year 2020-21

Stakeholder	Suggestions	Action Taken
Students	1. Students are requested for computer related courses.	1. Python is introduced in Computational Lab in R19 regulation.
Faculty	1. Some topics are available in more than one unit in Process dynamics and Control. 2. Few calculations and derivatives may be Engineering. in Material Science Engineering. 3. Suggested to inculcate medical applications of nanotechnology	1. Repeated topics are skipped and organized syllabus in R19 2. calculations and derivations are included in curriculum and omitted from assessment. 3. It is placed in R19 IV year BOS for approval
Alumni	1. Alumni requested to allow students to choose electives from other departments,	1. Open electives were offered in R15 an R19 curriculum
Employers	1. Industrial Safety and fire fighting techniques to be included. 2. Simulation techniques like Aspen, Pro-II, MATLAB etc.	1. Industrial safety course is included in 3 <sup>rd</sup> year R19 syllabus. 2. DWSIM software is being used in 4-1 for simulating equipment.

*A. Anil*  
Head of the department

HEAD,  
DEPARTMENT OF CHEMICAL  
ENGINEERING



## Anil Neerukonda Institute of Technology & Sciences (Autonomous)

(Affiliated to AU, Approved by AICTE & Accredited by NBA & NAAC with 'A' Grade)

Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District

Phone: 08933-225083/84/87

Fax: 226395

Website: [www.anits.edu.in](http://www.anits.edu.in)

email: [principal@anits.edu.in](mailto:principal@anits.edu.in)

### Department of Chemical Engineering

#### Action taken report on Students feedback on syllabus/curriculum (2019-20)

Suggestions	Action Taken
1. More Industrial trainings to be done	1. Industrial training from second year is introduced in R-20 regulations and is approved in the BoS meeting held on 6 <sup>th</sup> July 2020.
2. Adding a computer language course can help in cracking software jobs	2. Computational lab using Python is introduced in R-19 regulations and is approved in BoS meeting on 10 <sup>th</sup> December 2020.

Head of the department

HEAD,  
DEPARTMENT OF CHEMICAL  
ENGINEERING



## Anil Neerukonda Institute of Technology & Sciences (Autonomous)

(Affiliated to AU, Approved by AICTE & Accredited by NBA & NAAC with 'A' Grade)

Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District

Phone: 08933-225083/84/87

Fax: 226395

Website: [www.anits.edu.in](http://www.anits.edu.in)

email: [principal@anits.edu.in](mailto:principal@anits.edu.in)

### Department of Chemical Engineering

#### Action taken report on students feedback on syllabus/curriculum (2018-19)

Suggestions	Action Taken
1. Add Industrial training from 2 <sup>nd</sup> year onwards	1. Industrial training from second year is introduced in R-20 regulations approved in the BoS meeting held on 10 <sup>th</sup> December 2020.
2. Add Pharmaceutical Engineering subject if possible	2. Pharmaceutical Technology course is already included as an elective course in III year I-semester in R-15 regulations and is approved in BoS held on 25 <sup>th</sup> March 2017.

Head of the department

HEAD,  
DEPARTMENT OF CHEMICAL  
ENGINEERING



## Anil Neerukonda Institute of Technology & Sciences (Autonomous)

(Affiliated to AU, Approved by AICTE & Accredited by NBA & NAAC with 'A' Grade)

Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District

Phone: 08933-225083/84/87

Fax: 226395

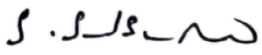
Website: [www.anits.edu.in](http://www.anits.edu.in)

email: [principal@anits.edu.in](mailto:principal@anits.edu.in)

### Department of Chemical Engineering

#### Action taken report on student feedback on syllabus/curriculum (2017-18)

Suggestions	Action Taken
1. Mechanical Engineering syllabus is less	1. Mechanical Engineering syllabus is increased to the needs of chemical engineering in R-19 regulations and is approved in the BoS meeting held on 30 <sup>th</sup> March 2019.

  
Head of the department  
HEAD,  
DEPARTMENT OF CHEMICAL  
ENGINEERING



## Anil Neerukonda Institute of Technology & Sciences (Autonomous)

(Affiliated to AU, Approved by AICTE & Accredited by NBA & NAAC with 'A' Grade)

Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District

Phone: 08933-225083/84/87

Fax: 226395

Website: [www.anits.edu.in](http://www.anits.edu.in)

email: [principal@anits.edu.in](mailto:principal@anits.edu.in)

### Department of Chemical Engineering

#### Action taken report on student feedback on syllabus/curriculum (2016-17)

Suggestions	Action Taken
1. Add Pharmaceutical and Membrane Technology courses.	1. Pharmaceutical Technology and Membrane Technology courses are included in R-15 regulations as an elective courses and are approved in BoS held on 25 <sup>th</sup> March 2017.

  
Head of the department  
HEAD,  
DEPARTMENT OF CHEMICAL  
ENGINEERING