



हरकोर्ट बटलर प्राविधिक विश्वविद्यालय

नवाबगंज, कानपुर - 208002, उ.प्र., भारत

HARCOURT BUTLER TECHNICAL UNIVERSITY

NAWABGANJ, KANPUR - 208002, U.P., INDIA

(Formerly Harcourt Butler Technological Institute, Kanpur)

Phone : +91-0512-2534001-5, 2533812, website : <http://www.hbtu.ac.in>, Email : vc@hbtu.ac.in



Department: PL

1.1.3 Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the University

1.1.3.1: Number of courses having focus on employability/ entrepreneurship/ skill development year-wise during the last five years

| <p>1.1.3</p> <p>Q_nM</p> | <p>Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the University</p> <p>Response= 100%</p> <p>1.1.3.1: Number of courses having focus on employability/ entrepreneurship/ skill development year-wise during the last five years</p> <table border="1" data-bbox="339 1350 1197 1825"><thead><tr><th>Year</th><th>2021-22</th><th>2020-21</th><th>2019-20</th><th>2018-19</th><th>2017-18</th></tr></thead><tbody><tr><td>No. of courses having focus on employability/ entrepreneurship / skill development</td><td>54</td><td>49</td><td>43</td><td>46</td><td>48</td></tr><tr><td>Total No. of courses in all programmes</td><td>54</td><td>49</td><td>43</td><td>46</td><td>48</td></tr><tr><td>Percentage per Year</td><td>100%</td><td>100%</td><td>100%</td><td>100%</td><td>100%</td></tr></tbody></table> <p>Average % = 100%</p> | Year | 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 | No. of courses having focus on employability/ entrepreneurship / skill development | 54 | 49 | 43 | 46 | 48 | Total No. of courses in all programmes | 54 | 49 | 43 | 46 | 48 | Percentage per Year | 100% | 100% | 100% | 100% | 100% | <p>10</p> |
|--|--|---------|---------|---------|---------|---------|---------|--|----|----|----|----|----|--|----|----|----|----|----|---------------------|------|------|------|------|------|-----------|
| Year | 2021-22 | 2020-21 | 2019-20 | 2018-19 | 2017-18 | | | | | | | | | | | | | | | | | | | | | |
| No. of courses having focus on employability/ entrepreneurship / skill development | 54 | 49 | 43 | 46 | 48 | | | | | | | | | | | | | | | | | | | | | |
| Total No. of courses in all programmes | 54 | 49 | 43 | 46 | 48 | | | | | | | | | | | | | | | | | | | | | |
| Percentage per Year | 100% | 100% | 100% | 100% | 100% | | | | | | | | | | | | | | | | | | | | | |



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HARCOURT BUTLER TECHNICAL UNIVERSITY

NAWABGANJ, KANPUR - 208002, U.P., INDIA

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100 YEARS
1921 - 2021

Phone : +91-0512-2534001-5, 2533812, website : <http://www.hbtu.ac.in>, Email : vc@hbtu.ac.in

3.1 List of courses offered across all programs during last five years

| Session 2021-22 | | | | | |
|-----------------|------------------------------|-------------|----------------------------------|----------------------|---|
| Program code | Program name | Course code | Name of the course | Year of introduction | Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development |
| 12 | B.Tech. (Plastic Technology) | TPL 251 | Polymer Chemistry | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 253 | Polymer Chemistry Lab | 2020-2021 | Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials, Practicals and reports |
| 12 | B.Tech. (Plastic Technology) | TPL 252 | Polymerization Engineering I | 2020-2021 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 351 | Polymer Processing I | 2020-2021 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 353 | Rheology and Testing of Polymers | 2020-2021 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 355 | Polymer Testing Lab | 2020-2021 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials, Practicals and reports |
| 12 | B.Tech. (Plastic Technology) | TPL 352 | Polymer Processing II | 2020-2021 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 354 | Structure & Property of Polymers | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 356 | Polymerization Engineering II | 2020-2021 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |

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|----|------------------------------------|----------------|------------------------------------|-----------|--|
| 12 | B.Tech. (Plastic Technology) | TPL 358 | Plastic Product and Mold Design | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 360 | Polymer Composite | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 401 | Advanced Polymer Materials | 2020-2021 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 403/405 | Programme Elective Course I | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 403 | Plastic Product &Mould Design | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 405 | Polymer Product Technology | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 407/409 | Programme Elective Course II | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 407 | Technology of Elastomers | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 409 | Technology of Fibers | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 411/413 | Programme Elective Course III | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 411 | Polymer Composite | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 413 | Polymer Blends & Alloys | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |

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| 12 | B.Tech. (Plastic Technology) | TPL 415 | Introduction to Polymer Technology (Elective) | 2020-2021 | Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 417 | Educational Tour | 2020-2021 | Entrepreneurship: Related Activities: Assignments, Quiz, Group discussions, Tutorials, Trip to Industries |
| 12 | B.Tech. (Plastic Technology) | TCH 402/404 | Programme Elective Course IV | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TCH 404 | Process Equipment Design | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 402/404 | Programme Elective Course V | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 402 | Plastic Packaging & waste Management | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 404 | Polymer Coating Technology | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 406/408 | Programme Elective Course VI | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 406 | Polymeric Adhesives & Foams | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 408 | Polymer Nanocomposites | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 551 | Advanced Polymer Chemistry | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 553 | Advanced Polymer Processing | 2020-2021 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials, practicals, report |

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| 15 | M.Tech. (Plastic Technology) | TPL 555 | Advances in Modelling and Simulation of Chemical Processes | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 557 | Advanced Chemical Reaction Engineering | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 559 | Advanced Polymer Rheology | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 561 | High Polymer Chemistry | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 563 | Polymer Processing | 2020-2021 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 567 | Industrial Stoichiometry | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 552 | Advanced Polymerization Engineering | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 554 | Advanced Plastic Product and Mould Design | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 556 | Polymer Testing and Characterization | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 558 | Advances in Polymer Composites | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 560 | Advances in Rubber Technology | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 562 | Audit Course Critical review of research publication on one relevant Topic | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 564 | Audit Course Research Methodology and IPR | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |

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| 15 | M.Tech. (Plastic Technology) | TPL 651 | Technology of Polymer Blends & Alloys | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 653 | Biodegradable Polymers, Packaging and Waste Management | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 655 | Polymer Nano Technology | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 611 | Audit Course Critical Review of Research Publications on one Relevant Topic | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 613 | Audit Course Research Methodology and IPR | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 697 | Seminar | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials, Seminar, report |
| 15 | M.Tech. (Plastic Technology) | TPL 695 | Dissertation/Project | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials, Seminar, report |
| 15 | M.Tech. (Plastic Technology) | TPL 698 | Dissertation/ Project | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials, Seminar , report |
| 2020-21 | | | | | |
| Program code | Program name | Course code | Course name | Year of offering the course | Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development |
| 12 | B.Tech. (Plastic Technology) | TPL 251 | Polymer Chemistry | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 253 | Polymer Chemistry Lab | 2020-2021 | Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 252 | Polymerization Engineering I | 2020-2021 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |

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|----|------------------------------------|----------------|---------------------------------------|-----------|--|
| 12 | B.Tech. (Plastic Technology) | TPL 301 | Polymer Processing I | 2019-2020 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 303 | Rheology & Testing of Polymers | 2019-2020 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 302 | Structure & Property of Polymer | 2019-2020 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 304 | Polymer Processing II | 2019-2020 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 306 | Polymerization Engineering II | 2019-2020 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 401 | Advanced Polymer Materials | 2020-2021 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials, practicals, report |
| 12 | B.Tech. (Plastic Technology) | TPL 403/405 | Programme Elective Course I | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 403 | Plastic Product &Mould Design | 2020-2021 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 405 | Polymer Product Technology | 2020-2021 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 407/409 | Programme Elective Course II | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 407 | Technology of Elastomers | 2020-2021 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 409 | Technology of Fibers | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 411/413 | Programme Elective Course III | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |

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| 12 | B.Tech. (Plastic Technology) | TPL 411 | Polymer Composite | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 413 | Polymer Blends & Alloys | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 415 | Introduction to Polymer Technology (Elective) | 2020-2021 | Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TCH 402/404 | Programme Elective Course IV | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 402/404 | Programme Elective Course V | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 402 | Plastic Packaging & waste Management | 2020-2021 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 404 | Polymer Coating Technology | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 406/408 | Programme Elective Course VI | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 406 | Polymeric Adhesives & Foams | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 408 | Polymer Nanocomposites | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 551 | Advanced Polymer Chemistry | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 553 | Advanced Polymer Processing | 2020-2021 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |

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|----|------------------------------------|---------|--|-----------|--|
| 15 | M.Tech. (Plastic Technology) | TPL 555 | Advances in Modelling and Simulation of Chemical Processes | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 557 | Advanced Chemical Reaction Engineering | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 559 | Advanced Polymer Rheology | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 561 | High Polymer Chemistry | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 563 | Polymer Processing | 2020-2021 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 567 | Industrial Stoichiometry | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 552 | Advanced Polymerization Engineering | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 554 | Advanced Plastic Product and Mould Design | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 556 | Polymer Testing and Characterization | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 558 | Advances in Polymer Composites | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 560 | Advances in Rubber Technology | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 562 | Audit Course Critical review of research publication on one relevant Topic | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 564 | Audit Course Research Methodology and IPR | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |

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|---------------------|---------------------------------|--------------------|--|------------------------------------|---|
| 15 | M.Tech. (Plastic Technology) | TPL 651 | Technology of Polymer Blends & Alloys | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 653 | Biodegradable Polymers, Packaging and Waste Management | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 655 | Polymer Nano Technology | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 611 | Audit Course Critical Review of Research Publications on one Relevant Topic | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 613 | Audit Course Research Methodology and IPR | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 697 | Seminar | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 695 | Dissertation/Project | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 15 | M.Tech. (Plastic Technology) | TPL 698 | Dissertation/ Project | 2020-2021 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 2019-20 | | | | | |
| Program code | Program name | Course code | Course name | Year of offering the course | Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development |
| 12 | B.Tech. (Plastic Technology) | TCH 201 | Fluid Flow & Unit operation | 2018-2019 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TCH 203 | Polymer Chemistry | 2018-2019 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TCH 204 | Polymerization Engineering I | 2018-2019 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |

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|----|------------------------------------|-------------------|---------------------------------------|-----------|---|
| 12 | B.Tech. (Plastic Technology) | TCH 303 | Polymer Processing I | 2018-2019 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 301 | Rheology & Testing of Polymers | 2018-2019 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TCH 302 | Structure & Property of Polymer | 2018-2019 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 302 | Polymer Processing II | 2018-2019 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 304 | Polymerization Engineering II | 2018-2019 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 306 | Equipment Design | 2018-2019 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | CH-701 | Technology of Elastomers | 2018-2019 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | PL – 701 | Plastic Product &Mould Design | 2018-2019 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | PL – 702 | Polymeric Adhesives & Sealants | 2018-2019 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | PL-703 | Plastic Technology | 2018-2019 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | Open Elective* | Polymer Characterization Lab | 2018-2019 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | CH-801 | Polymer Composites | 2018-2019 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | PL – 801 | Advanced Polymer Materials | 2018-2019 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials, practicals, report |

| 12 | B.Tech. (Plastic Technology) | PL – 802 | Plastics Packaging And Foam | 2018-2019 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
|-------------------------|------------------------------------|------------------------|--|--|--|
| 12 | B.Tech. (Plastic Technology) | PL-011 (Elective) | Plastic Waste Management | 2018-2019 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | PL-012 (Elective) | Fiber Technology | 2018-2019 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | PL-013 (Elective) | Polymeric Coatings | 2018-2019 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 2018-2019 | | | | | |
| Program code | Program name | Course code | Course name | Year of offering the course | Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development |
| 12 | B.Tech. (Plastic Technology) | TPL 201 | Polymer Chemistry | 2018-2019 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | TPL 202 | Polymerization Engineering I | 2018-2019 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | PL – 501 | Rheology & Testing of Polymers | 2017-2018 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | PL – 502 | Polymer Processing I | 2017-2018 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | PL – 551 | Polymer Testing Lab - I | 2017-2018 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | PL-552 | Synthesis and Modification of Polymers and Resins Lab | 2017-2018 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | CH-551 | Chemical Engg Unit Operation Lab | 2017-2018 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |

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| 12 | B.Tech. (Plastic Technology) | PL-601 | Structure & Property of Polymers | 2017-2018 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | PL-602 | Polymer Processing - II | 2017-2018 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | PL-603 | Polymerization Engg - II | 2017-2018 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | PL-651 | Polymer Processing Lab | 2017-2018 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | PL-652 | Polymer Testing - II | 2017-2018 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | PL – 701 | Technology of Elastomers | 2018-2019 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | PL – 702 | Plastic Product &Mould Design | 2018-2019 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | PL-703 | Polymeric Adhesives & Sealants | 2018-2019 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | Open Elective* | Plastic Technology | 2018-2019 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | PL – 751 | Polymer Characterization Lab | 2018-2019 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials, practicals, report |
| 12 | B.Tech. (Plastic Technology) | PL – 801 | Polymer Composites | 2018-2019 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | PL – 802 | Advanced Polymer Materials | 2018-2019 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |

| 12 | B.Tech. (Plastic Technology) | PL-011 (Elective) | Plastics Packaging And Foam | 2018-2019 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
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| 12 | B.Tech. (Plastic Technology) | PL-012 (Elective) | Plastic Waste Management | 2018-2019 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | PL-013 (Elective) | Fiber Technology | 2018-2019 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | PL-014 (Elective) | Polymeric Coatings | 2018-2019 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 2017-18 | | | | | |
| Program code | Program name | Course code | Course name | Year of offering the course | Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development |
| 12 | B.Tech. (Plastic Technology) | HPL 301 | Polymer Chemistry | 2016-2017 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | HPL 351 | Analysis and Identification of Polymers | 2016-2017 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | HPL 401 | Polymerization Engineering - I | 2016-2017 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | HPL 451 | Synthesis of Polymers and Resins Lab | 2016-2017 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials, practicals, reports |
| 12 | B.Tech. (Plastic Technology) | PL 501 | Rheology & Testing of Polymers | 2016-2017 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | PL 502 | Polymer Processing I | 2017-2018 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | PL 551 | Polymer Testing Lab - I | 2017-2018 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials, practicals, reports |

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| 12 | B.Tech. (Plastic Technology) | PL 552 | Synthesis and Modification of Polymers and Resins Lab | 2017-2018 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials, practicals, reports |
| 12 | B.Tech. (Plastic Technology) | CH 551 | Chemical Engg Unit Operation Lab | 2017-2018 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials, practicals, reports |
| 12 | B.Tech. (Plastic Technology) | PL 601 | Structure & Property of Polymers | 2017-2018 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | PL 602 | Polymer Processing - II | 2017-2018 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | PL 603 | Polymerization Engg - II | 2017-2018 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | PL 651 | Polymer Processing Lab | 2017-2018 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | PL 652 | Polymer Testing - II | 2017-2018 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | PL 701 | Technology of Elastomers | 2018-2019 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | PL 702 | Plastic Product &Mould Design | 2017-2018 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | PL 703 | Polymeric Adhesives & Sealants | 2018-2019 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | Open Elective | Plastic Technology | 2018-2019 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |

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| 12 | B.Tech. (Plastic Technology) | PL 751 | Polymer Characterization Lab | 2018-2019 | Employability/Skill Development: Related Activities: Assignments, Quiz, Group discussions, Tutorials, practicals, reports |
| 12 | B.Tech. (Plastic Technology) | PL 801 | Polymer Composites | 2018-2019 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | PL 802 | Advanced Polymer Materials | 2018-2019 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | PL 011 (Elective) | Plastics Packaging And Foam | 2018-2019 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | PL 012 (Elective) | Plastic Waste Management | 2018-2019 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | PL 013 (Elective) | Fiber Technology | 2018-2019 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |
| 12 | B.Tech. (Plastic Technology) | PL 014 (Elective) | Polymeric Coatings | 2018-2019 | Employability: Related Activities: Assignments, Quiz, Group discussions, Tutorials |