VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY BURLA ବୀର ସୁରେନ୍ଦ୍ର ସାଏ ବୈଷୟିକ ବିଶ୍ୱବିଦ୍ୟାଳୟ



(A UGC Recognized State Government University by an Act of Assembly, Estd. -1956)
P.O. Engineering College, Burla, Dist: Sambalpur, Odisha, (India) -768 018

www.vssut.ac.in. e-mail: vc@vssut.ac.in

Student Exit Survey for B.Tech.

| Registration Number | |
|--------------------------------------|------------------------------|
| Name | |
| Email | |
| Mobile No. | |
| Gender | |
| Branch | |
| Immediate Career Goals | |
| Qualifying Examination (GATE etc) | |
| Please provide details like year of | |
| exam, rank, score etc (if qualified, | |
| else write NA) | |
| Please provide institute name and | |
| program if joined higher studies | |
| (else write NA) | |
| | |
| Do you have any opinion on design an | d improvement of curriculum? |
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Please put a $(\sqrt{})$ in the box provided based on your opinion on acquiring the below mentioned capabilities after completion of four years of B.Tech.

(1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High))

| Program Outcomes (POs)/ Program Specific Outcomes (PSOs) | 0 | 1 | 2 | 3 |
|---|---|---|---|---|
| Knowledge of mathematics, science and engineering fundamentals | | | | |
| Ability to identify, formulate, review research literature, and analyze | | | | |
| complex engineering problems | | | | |
| Ability to design solutions for complex engineering problems and design | | | | |
| system components or processes that meet the specified needs | | | | |
| Design of experiments, analysis and interpretation of data, and synthesis of | | | | |
| the information to provide valid conclusions | | | | |
| Ability of modern engineering and IT tools usage | | | | |
| Apply knowledge to assess societal, health, safety, legal and cultural issues | | | | |
| Understand the impact of the professional engineering solutions on | | | | |
| environment and sustainable development. | | | | |
| Apply ethical principles and commit to professional ethics and | | | | |
| responsibilities and norms of the engineering practice. | | | | |
| Function effectively as an individual, and as a member or leader in diverse | | | | |
| teams, and in multidisciplinary settings. | | | | |
| Communication skills | | | | |
| Project management capability and financial knowledge | | | | |
| Recognize the need for and ability to engage in independent and life-long | | | | |
| learning | | | | |
| Please refer vssut.ac.in to know the PSO1 of your discipline | | | | |
| Please refer vssut.ac.in to know the PSO2 of your discipline | | | | |
| Please refer vssut.ac.in to know the PSO3 of your discipline | | | | |
| | Knowledge of mathematics, science and engineering fundamentals Ability to identify, formulate, review research literature, and analyze complex engineering problems Ability to design solutions for complex engineering problems and design system components or processes that meet the specified needs Design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions Ability of modern engineering and IT tools usage Apply knowledge to assess societal, health, safety, legal and cultural issues Understand the impact of the professional engineering solutions on environment and sustainable development. Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice. Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings. Communication skills Project management capability and financial knowledge Recognize the need for and ability to engage in independent and life-long learning Please refer vssut.ac.in to know the PSO1 of your discipline | Knowledge of mathematics, science and engineering fundamentals Ability to identify, formulate, review research literature, and analyze complex engineering problems Ability to design solutions for complex engineering problems and design system components or processes that meet the specified needs Design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions Ability of modern engineering and IT tools usage Apply knowledge to assess societal, health, safety, legal and cultural issues Understand the impact of the professional engineering solutions on environment and sustainable development. Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice. Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings. Communication skills Project management capability and financial knowledge Recognize the need for and ability to engage in independent and life-long learning Please refer vssut.ac.in to know the PSO1 of your discipline Please refer vssut.ac.in to know the PSO2 of your discipline | Knowledge of mathematics, science and engineering fundamentals Ability to identify, formulate, review research literature, and analyze complex engineering problems Ability to design solutions for complex engineering problems and design system components or processes that meet the specified needs Design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions Ability of modern engineering and IT tools usage Apply knowledge to assess societal, health, safety, legal and cultural issues Understand the impact of the professional engineering solutions on environment and sustainable development. Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice. Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings. Communication skills Project management capability and financial knowledge Recognize the need for and ability to engage in independent and life-long learning Please refer vssut.ac.in to know the PSO1 of your discipline Please refer vssut.ac.in to know the PSO2 of your discipline | Knowledge of mathematics, science and engineering fundamentals Ability to identify, formulate, review research literature, and analyze complex engineering problems Ability to design solutions for complex engineering problems and design system components or processes that meet the specified needs Design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions Ability of modern engineering and IT tools usage Apply knowledge to assess societal, health, safety, legal and cultural issues Understand the impact of the professional engineering solutions on environment and sustainable development. Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice. Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings. Communication skills Project management capability and financial knowledge Recognize the need for and ability to engage in independent and life-long learning Please refer vssut.ac.in to know the PSO1 of your discipline Please refer vssut.ac.in to know the PSO2 of your discipline |

| Date. | Signature |
|-------|-----------|
| Date. | Digitat |

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Student Exit Survey for M.Tech./M.Sc.

| Registration Number | |
|--------------------------------------|------------------------------|
| Name | |
| Email | |
| Mobile No. | |
| Gender | |
| Branch | |
| Immediate Career Goals | |
| Qualifying Examination (GATE etc) | |
| Please provide details like year of | |
| exam, rank, score etc (if qualified, | |
| else write NA) | |
| Please provide institute name and | |
| program if joined higher studies | |
| (else write NA) | |
| | |
| Do you have any opinion on design an | d improvement of curriculum? |
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Please put a $(\sqrt{})$ in the box provided based on your opinion on acquiring the below mentioned capabilities after completion of M. Tech./M.Sc.

(1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High))

| # | Program Outcomes (POs)/Program Specific Outcomes (PSOs) | | 1 | 2 | 3 |
|------|--|--|---|---|---|
| PO1 | An ability to independently carry out research/investigation and | | | | |
| | development work to solve practical problems | | | | |
| PO2 | An ability to write and present a substantial technical report/document | | | | |
| PO3 | An ability to demonstrate a degree of mastery over your discipline which | | | | |
| | is at a level higher than the requirements in the undergraduate program in | | | | |
| | the same discipline. | | | | |
| PO4 | An ability to create, select, learn and apply appropriate techniques, | | | | |
| | resources, and modern engineering/science and IT tools, including | | | | |
| | prediction and modeling, to complex problems in your specialization with | | | | |
| | an understanding of the limitations. | | | | |
| PO5 | An ability to understand of group dynamics, recognize opportunities and | | | | |
| | contribute positively to collaborative-multidisciplinary scientific research | | | | |
| | involving your specialization in order to achieve common goals. | | | | |
| PO6 | Demonstrate a capacity for self-management and teamwork, decision- | | | | |
| | making based on open-mindedness, objectivity and rational analysis to | | | | |
| | further the learning of themselves as well as others. | | | | |
| PSO1 | Please refer vssut.ac.in to know the PSO1 of your discipline | | | | |
| PSO2 | Please refer vssut.ac.in to know the PSO2 of your discipline | | | | |

Date Signature