

## Credit Definition:

1 hour lecture (L) per week = $\mathbf{1}$ Credit; 2 hour tutorial (T) per week $=\mathbf{1}$ Credit
1 hour tutorial (T)/Practical (P) per week = $\mathbf{0 . 5}$ credit; 2 hour Practical/Laboratory/Drawing ( $\mathbf{P}$ ) per week = $\mathbf{1}$ Credit

| Component |  | Marks | Average Marks | Total Marks |
| :---: | :---: | :---: | :---: | :---: |
| CIE | Internal - 1 | Conducted for 50 M and Reduced to 25 M | 25 | 50 |
|  | Internal - 2 | Conducted for 50 M and Reduced to 25 M |  |  |
|  | Internal - 3 | Conducted for 50 M and Reduced to 25 M |  |  |
|  | Compensatory Test | Conducted for 50 M and Reduced to 25 M |  |  |
|  | AAT | Conducted for 50 M and Reduced to 25 M . <br> Note: minimum 03 AATs/course shall be used by the course coordinators. The program assessment committee (PAC) and HoD will play the advisory role in deciding the AAT. | 25 |  |
| SEE | Semester End Examination | Conducted for 100 M and Reduced to 50 M Comprises Part - A : 20 M of MCQ <br> Part - B: 80 M, 05 Descriptive Questions of 16 marks each with an internal choice | - | 50 |
| Total Marks: CIE and SEE |  |  |  | 100 |

Note: There will be no SEE for the AEC course of Yoga, Sports, NCC, Music, Design Thinking $\&$ Innovation. It will be a Continuous Internal evaluation with 2 CIE's being conducted during the semester.

AICTE Activity points to be earned by students admitted to BE/B.Tech.,/B.Plan day college programme (For more details refer to Chapter6, AICTE activity point programme, Model Internship Guidelines):
Over and above the academic grades, every Day College regular student admitted to the 4 years Degree programme and every student entering 4 years Degree programme through lateral entry, shall earn 100 and 75 Activity Points respectively for the award of degree through AICTE Activity Point Programme. Students transferred from other Universities to the fifth semester are required to earn 50 Activity Points from the year of entry to VTU. The Activity Points earned shall be reflected on the student's either semester Grade Card.
The activities can be spread over the years, anytime during the semester weekends and holidays, as per the liking and convenience of the student from the year of entry to the programme. However, the minimum hours' requirement should be fulfilled. Activity Points (non-credit) do not affect SGPA/CGPA and shall not be considered for vertical progression.
In case students fail to earn the prescribed activity points, an Eight semester Grade Card shall be issued only after earning the required activity points. Students shall be admitted for the award of the degree only after the release of the Eight semester Grade Card.

| BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT <br> (Autonomous Institute affiliated to VTU) <br> Scheme of Teaching and Examination: Effective from AY 2021-22 Outcome Based Education (OBE) and Choice Based Credit System (CBCS) |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| UG PROGRAM: BE (PHYSICS GROUP) |  |  |  |  |  |  |  | Semester: II |  |  |  |  |
| $\begin{aligned} & \text { S1. } \\ & \text { No. } \end{aligned}$ | Course category | Course Code | Course Title | Teaching Dept. | Teaching Hours/Week |  |  |  | Examination |  |  |  |
|  |  |  |  |  |  |  |  | Duration | CIE <br> Marks | SEE Marks | Total Marks |
|  |  |  |  |  | L | T | P |  |  |  |  |
| 1 | BS | 21MA21 | Advanced Calculus, Laplace Transforms and Linear Algebra | Mathematics | 2 | 1 | 1 | 3 | 3 | 50 | 50 | 100 |
| 2 | BS | 21PY22 | Engineering Physics | Physics | 3 | 0 | 0 | 3 | 3 | 50 | 50 | 100 |
| 3 | ES | 21EE23 | Elements of Electrical Engineering | EEE | 2 | 2 | 0 | 3 | 3 | 50 | 50 | 100 |
| 4 | ES | 21ME24 | Engineering Graphics | ME | 2 | 0 | 2 | 3 | 3 | 50 | 50 | 100 |
| 5 | ES | 21CV25 | Elements of Civil Engineering | CV | 2 | 2 | 0 | 3 | 3 | 50 | 50 | 100 |
| 6 | BS (LB) | 21PYL26 | Engineering Physics Laboratory | Physics | 0 | 1 | 2 | 1 | 3 | 50 | 50 | 100 |
| 7 | ES (LB) | 21EEL27 | Electrical Engineering Laboratory | EEE | 0 | 0 | 2 | 1 | 3 | 50 | 50 | 100 |
| 8 | HSS | 21HS28 | Technical English-II | HSS | 0 | 1 | 1 | 1 | 2 | 50 | 50 | 100 |
| 9 | AEC | $\begin{aligned} & \hline 21 \mathrm{AE} 29 \mathrm{Y} / \\ & 21 \mathrm{AE} 29 \mathrm{~S} / \\ & 21 \mathrm{AE} 29 \mathrm{~N} / \\ & 21 \mathrm{AE} 29 \mathrm{M} \end{aligned}$ | Yoga/Sports/NCC/Music | HSS | 0 | 1 | 1 | 1 | - | 100 | - | 100 |
| 10 | AEC | 21AE210 | Design Thinking \& Innovation | All Engg. Depts. | 0 | 2 | 0 | 1 | - | 100 | - | 100 |
| TOTAL |  |  |  |  | 11 | 10 | 9 | 20 | - | 600 | 400 | 1000 |
|  |  |  |  |  | 30 |  |  |  |  |  |  |  |
| Note: BS: Basic Science; ES: Engineering Science; HSS: Humanities and Social Sciences; AEC: Ability Enhancement Courses, LB: Laboratory Course |  |  |  |  |  |  |  |  |  |  |  |  |
| L-Lecture, T-Tutorial, P-Practical/Drawing, CIE-Continuous Internal Evaluation, SEE-Semester End Examination |  |  |  |  |  |  |  |  |  |  |  |  |


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| 1 hour tutorial (T)/Practical (P) per week $=\mathbf{0 . 5}$ credit; 2 hour Practical/Laboratory/Drawing (P) per week $=\mathbf{1} \mathbf{C r e d i t}$ |  |  |  |  |
| Component |  | Marks | Average Marks | Total Marks |
| CIE | Internal - 1 | Conducted for 50 M and Reduced to 25 M | 25 | 50 |
|  | Internal - 2 | Conducted for 50 M and Reduced to 25 M |  |  |
|  | Internal-3 | Conducted for 50 M and Reduced to 25 M |  |  |
|  | Compensatory Test | Conducted for 50 M and Reduced to 25 M |  |  |
|  | AAT | Conducted for 50 M and Reduced to 25 M . <br> Note: minimum 03 AATs/course shall be used by the course coordinators. The program assessment committee (PAC) and HoD will play the advisory role in deciding the AAT. | 25 |  |
| SEE | Semester End Examination | Conducted for 100 M and Reduced to 50 M Comprises Part - A : 20 M of MCQ <br> Part - B: 80 M, 05 Descriptive Questions of 16 marks each with an internal choice | - | 50 |
| Total Marks: CIE and SEE |  |  |  | 100 |

Note: There will be no SEE for the AEC course of Yoga, Sports, NCC, Music, Design Thinking $8 \mathbb{C}$ Innovation. It will be a Continuous Internal evaluation with 2 CIE's being conducted during the semester.

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| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| UG PROGRAM: BE (CHEMISTRY GROUP) |  |  |  |  |  |  |  | Semester: I |  |  |  |  |
| $\begin{aligned} & \text { S1. } \\ & \text { No. } \end{aligned}$ | Course category | Course Code | Course Title | Teaching Dept. | Teaching Hours/Week |  |  |  | Examination |  |  |  |
|  |  |  |  |  |  |  |  | Duration | CIE Marks | SEE Marks | Total Marks |
|  |  |  |  |  | L | T | P |  |  |  |  |
| 1 | BS | 21MA11 | Calculus and Differential Equations | Mathematics | 2 | 1 | 1 | 3 | 3 | 50 | 50 | 100 |
| 2 | BS | 21 CH 12 | Engineering Chemistry | Chemistry | 3 | 0 | 0 | 3 | 3 | 50 | 50 | 100 |
| 3 | ES | 21CS13 | C Programming for Engineers | CSE/ISE/AIML | 2 | 0 | 4 | 4 | 3 | 50 | 50 | 100 |
| 4 | ES | 21EC14 | Basic Electronics Engineering | ECE/ETE | 2 | 2 | 0 | 3 | 3 | 50 | 50 | 100 |
| 5 | ES | 21ME15 | Elements of Mechanical Engineering | ME | 2 | 2 | 0 | 3 | 3 | 50 | 50 | 100 |
| 6 | BS (LB) | 21CHL16 | Engineering Chemistry Laboratory | Chemistry | 0 | 1 | 2 | 1 | 3 | 50 | 50 | 100 |
| 7 | AEC | 21AE17 | Indian Knowledge System | HSS | 0 | 2 | 0 | 1 | 2 | 50 | 50 | 100 |
| 8 | HSS | 21HS18 | Technical English-I | HSS | 0 | 1 | 1 | 1 | 2 | 50 | 50 | 100 |
| 9 | AEC | $\begin{aligned} & 21 \mathrm{AE} 19 \mathrm{Y} / \\ & 21 \mathrm{AE} 19 \mathrm{~S} / \\ & 21 \mathrm{AE} 19 \mathrm{~N} / \\ & 21 \mathrm{AE} 19 \mathrm{M} \\ & \hline \end{aligned}$ | Yoga/Sports/NCC/Music | HSS | 0 | 1 | 1 | 1 | - | 100 | - | 100 |
| TOTAL |  |  |  |  | 11 | 10 | 9 | 20 | - | 500 | 400 | 900 |
|  |  |  |  |  | 30 |  |  |  |  |  |  |  |
| Note: BS: Basic Science; ES: Engineering Science; HSS: Humanities and Social Sciences; AEC: Ability Enhancement Courses, LB: Laboratory Course |  |  |  |  |  |  |  |  |  |  |  |  |
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Note: There will be no SEE for the AEC course of Yoga, Sports, NCC, Music. It will be a Continuous Internal evaluation with 2 CIE's being conducted during the semester.
 point programme, Model Internship Guidelines):


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|  |  |  |  |  |  |  |  |  | CIE | SEE |  |
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