

Third Year B.Tech (Non NEP to NEP-2020)
Proposed Bridge Course Structure

Government College of Engineering, Karad

SCHEME OF INSTRUCTION & SYLLABI

Programme: All Under Graduate (UG) Programme

Proposed Scheme of Instructions: Bridge Course

Semester-V (w.e.f.2025-26)

| Sr. No. | Course Category | Course Code | Course Title | L | T | P | Contact Hrs/Wk | Course Credits | EXAM SCHEME | | | |
|---------|-----------------|-------------|-----------------------------|-----------|-----------|-----------|----------------|----------------|-------------|-----------|-----------|------------|
| | | | | | | | | | MSE | ISE | ESE | TOTAL |
| 1 | BC | BC** | Multi-disciplinary Minor 01 | 02 | -- | -- | 02 | 02 | 20 | 20 | 60 | 100 |
| 2 | BC | BC3502 | Yoga | -- | -- | 04 | 04 | 02 | -- | 50 | -- | 50 |
| | | | Total | 02 | 00 | 04 | 06 | 04 | 20 | 70 | 60 | 150 |

Semester – VI (w.e.f. 2025-26)

| Sr. No. | Course Category | Course Code | Course Title | L | T | P | Contact Hrs/Wk | Course Credits | EXAM SCHEME | | | |
|---------|-----------------|-------------|--|-----------|-----------|-----------|----------------|----------------|-------------|------------|-----------|------------|
| | | | | | | | | | MSE | ISE | ESE | TOTAL |
| 1 | BC | BC** | Multi-disciplinary Minor 02 | 02 | -- | -- | 02 | 02 | 20 | 20 | 60 | 100 |
| 2 | BC | BC3602 | Indian Knowledge Systems (MOOC/Spoken Tutorials) | -- | -- | -- | -- | 05 | -- | 100 | -- | 100 |
| | | | Total | 02 | 00 | 00 | 02 | 07 | 20 | 120 | 60 | 200 |

Note:

- 1) ** Any Bridge Course offered by Department.

L- Lecture

T-Tutorial

P-Practical

MSE- Mid Semester Examination

ISE-In Semester Evaluation

ESE-End Semester Examination (For Laboratory End Semester performance)

TOTAL CREDITS: 11

Semester–V Bridge Course Multi-Disciplinary Minor 01 Bucket List

| Department | Course Code | Course Name |
|-------------------|--------------------|------------------------------|
| Civil | BCCE3511 | Basic Civil Engineering |
| Mechanical | BCME3511 | Material Science |
| Electrical | BCEE3511 | DC Machines and Transformers |
| IT | BCIT3511 | Basics of Data Structure |
| ENTC | BCEX3511 | Electronic Circuit |

Semester–VI Bridge Course Multi-Disciplinary Minor 02 Bucket List

| Department | Course Code | Course Name |
|-------------------|--------------------|---------------------------------|
| Civil | BCCE3611 | Building Materials |
| Mechanical | BCME3611 | Analysis of Mechanical Elements |
| Electrical | BCEE3611 | AC Machines |
| IT | BCIT3611 | Software Essentials |
| ENTC | BCEX3611 | Digital Electronics |