

## **DCET – Karnataka Diploma CET Exam Information**

### **1. What is DCET?**

DCET (Diploma Common Entrance Test) is conducted by KEA for diploma students to join:

- B.E. / B.Tech 2nd Year (Lateral Entry)
- Architecture Courses (Based on DCET + NATA Score)

### **2. Eligibility Criteria**

- 3-year Diploma completed.
- Minimum 45% aggregate (40% for SC/ST/OBC).
- Diploma must be AICTE-approved.

### **3. DCET Exam Pattern**

- 50 questions – Engineering Mathematics
- 50 questions – Diploma Technical Paper
- 50 questions – Applied Science / Engineering

Total: 150 questions | Duration: 3 hours | MCQ

### **4. Marking Scheme**

+1 marks for correct answer

No negative marking.

### **5. DCET Syllabus**

Engineering Mathematics:

- Algebra, Matrices, Calculus, Trigonometry
- Probability, Vectors, Differential equations

Diploma Subjects:

- Based on branch (CSE/ECE/MECH/CIVIL)
- Basics of programming, digital electronics, engineering drawing

### **6. Counseling Process**

1. Write DCET
2. KEA publishes rank
3. Option entry
4. Seat allotment
5. Document verification
6. Report to college

### **7. Documents Required**

- Diploma marks cards
- SSLC marks card
- Study certificate
- DCET hall ticket
- DCET score card
- Caste & income certificate (if applicable)

## 8. Top DCET Colleges

- BMSCE
- RVCE
- MSRIT
- SJCE
- RNSIT
- PES University
- Dayananda Sagar

## 9. Common Cutoff Ranges

CSE (Bangalore top colleges): Rank 1–300

ECE: Rank 100–500

MECH: Rank 500–1500

CIVIL: Rank 500–2000

AI/ML: Rank 50–400

## 10. Common DCET Doubts

- "How much rank for CSE at BMSCE?" → Rank 1–150
- "Is 45 marks enough?" → Depends on difficulty
- "Can diploma CSE join AI/ML?" → Yes
- "Do we need NATA?" → Only for architecture