



NATIONAL INSTITUTE OF TECHNOLOGY CALICUT
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

RESULTS OF V SEMESTER B.TECH DEGREE EXAMINATION, NOVEMBER 2018

V Semester B.Tech in Computer Science And Engineering

| SI No | Reg. No. | CS3003 | | CS3002 | | CS3001 | | CS4021 | | CS4050 | | CS4043 | | CS4022 | | CS4023 | | CS4093 | | CS3096 | | CS3092 | | CS4042 | | CS3095 | | SGPA |
|-------|-----------|-----------------------|-----|---------------------------------|-----|---------------------------|-----|------------------------------------|-----|---------------------------------------|-----|----------------------|-----|---|-----|--------------------------------|-----|---------------------------------|-----|---|-----|----------------------------------|-----|---------------------|-----|--|-----|------|
| | | OPERATING SYSTEMS (4) | | DATABASE MANAGEMENT SYSTEMS (4) | | THEORY OF COMPUTATION (4) | | NUMBER THEORY AND CRYPTOGRAPHY (4) | | DESIGN AND ANALYSIS OF ALGORITHMS (4) | | IMAGE PROCESSING (4) | | PRINCIPLES OF PROGRAMMING LANGUAGES (4) | | COMPUTATIONAL INTELLIGENCE (4) | | IMAGE PROCESSING LABORATORY (3) | | COMPUTATIONAL INTELLIGENCE LABORATORY (3) | | OPERATING SYSTEMS LABORATORY (3) | | WEB PROGRAMMING (4) | | DATABASE MANAGEMENT SYSTEMS LABORATORY (3) | | |
| | | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | |
| 1 | B160345CS | B | H | B | H | B | H | | | C | H | | | | | A | H | | | | | S | H | | | | | 8.26 |
| 2 | B160230CS | D | H | C | N | C | H | E | H | | | A | H | | | | | A | H | | | | | | | | | 7.09 |
| 3 | B160488CS | A | H | B | N | S | H | S | H | | | | | | | S | H | | | S | H | | | | | | | 9.48 |
| 4 | B160275CS | E | N | E | N | E | N | | | | | D | N | | | | | C | H | | | | | | | | | 5.53 |
| 5 | B160356CS | C | H | A | N | B | H | B | H | C | H | | | | | | | | | | | | | A | H | | | 7.96 |
| 6 | B160148CS | B | H | C | N | B | N | | | B | H | | | | | A | H | | | A | H | | | | | | | 8.13 |
| 7 | B160470CS | D | H | E | N | D | N | F | H | | | | | F | N | | | | | | | | | D | N | | | 3.74 |
| 8 | B160852CS | B | H | B | N | A | H | B | H | | | A | H | | | | | B | H | | | | | | | | | 8.35 |
| 9 | B160865CS | C | H | A | N | C | N | C | H | | | | | | | | | | | | | | | S | N | S | H | 8.26 |
| 10 | B160087CS | C | H | A | N | D | N | | | | | B | H | B | H | | | B | H | | | | | | | | | 7.65 |
| 11 | B160581CS | B | H | B | H | B | H | C | H | | | | | B | H | | | | | | | | | A | H | | | 7.96 |
| 12 | B160376CS | D | N | C | N | D | N | | | | | | | | | D | H | | | | | | | B | N | C | H | 6.65 |
| 13 | B160116CS | S | H | A | H | S | H | | | A | H | | | S | H | | | | | | | | | A | N | | | 9.52 |
| 14 | B160479CS | B | H | A | H | S | H | | | C | H | | | S | H | | | | | | | | | D | N | | | 8.43 |
| 15 | B160139CS | C | H | B | H | C | N | | | | | B | H | | | | | A | H | | | | | S | H | | | 8.13 |



NATIONAL INSTITUTE OF TECHNOLOGY CALICUT
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

RESULTS OF V SEMESTER B.TECH DEGREE EXAMINATION, NOVEMBER 2018

V Semester B.Tech in Computer Science And Engineering

| SI No | Reg. No. | CS3003 | | CS3002 | | CS3001 | | CS4021 | | CS4050 | | CS4043 | | CS4022 | | CS4023 | | CS4093 | | CS3096 | | CS3092 | | CS4042 | | CS3095 | | SGPA | |
|-------|-----------|-----------------------|-----|---------------------------------|-----|---------------------------|-----|------------------------------------|-----|---------------------------------------|-----|----------------------|-----|---|-----|--------------------------------|-----|---------------------------------|-----|---|-----|----------------------------------|-----|---------------------|-----|--|------|------|-------|
| | | OPERATING SYSTEMS (4) | | DATABASE MANAGEMENT SYSTEMS (4) | | THEORY OF COMPUTATION (4) | | NUMBER THEORY AND CRYPTOGRAPHY (4) | | DESIGN AND ANALYSIS OF ALGORITHMS (4) | | IMAGE PROCESSING (4) | | PRINCIPLES OF PROGRAMMING LANGUAGES (4) | | COMPUTATIONAL INTELLIGENCE (4) | | IMAGE PROCESSING LABORATORY (3) | | COMPUTATIONAL INTELLIGENCE LABORATORY (3) | | OPERATING SYSTEMS LABORATORY (3) | | WEB PROGRAMMING (4) | | DATABASE MANAGEMENT SYSTEMS LABORATORY (3) | | | |
| | | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | | Grade |
| 16 | B160226CS | S | H | A | N | A | H | A | H | | | | | S | H | | | | | | | S | H | | | | | 9.48 | |
| 17 | B160834CS | C | H | C | H | D | N | E | H | | | | | C | H | | | | | | | C | N | | | | | 6.48 | |
| 18 | B160253CS | E | N | C | N | E | N | | | | | D | N | | | | | D | H | | | | | D | N | | | 5.83 | |
| 19 | B160642CS | E | H | C | N | D | N | E | H | | | | | | D | H | | | | | | | | | D | H | 5.83 | | |
| 20 | B160349CS | D | H | B | N | C | N | C | H | | | | | | | | | | | | | | | B | H | B | H | 7.3 | |
| 21 | B160606CS | S | H | A | H | B | H | A | H | | | S | H | | | | | | | | | B | N | | | | | 9.04 | |
| 22 | B160258CS | E | N | E | N | D | N | | | | | C | N | | | | | D | H | | | | | C | N | | | 6 | |
| 23 | B160671CS | A | H | B | H | A | H | C | H | B | H | | | | | | | | | | | S | H | | | | | 8.43 | |
| 24 | B160547CS | C | H | A | H | C | N | D | H | | | | | | | | | | | | | | | A | H | B | H | 7.65 | |
| 25 | B160335CS | E | H | C | N | C | N | D | H | | | | | | | | | | | | | | | B | N | B | H | 6.78 | |
| 26 | B160143CS | A | H | A | N | B | H | | | C | H | | | | | | | | | | | | A | N | A | N | | | 8.48 |
| 27 | B160555CS | B | H | B | H | C | N | C | H | | | | | | | B | H | | | | | | | B | H | | | 7.65 | |
| 28 | B160373CS | A | H | A | N | B | H | B | H | | | | | A | H | | | | | | | | | A | H | | | 8.65 | |
| 29 | B160791CS | C | H | B | H | D | N | | | | | | | C | H | C | H | | | | | C | H | | | | | 7 | |



NATIONAL INSTITUTE OF TECHNOLOGY CALICUT
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

RESULTS OF V SEMESTER B.TECH DEGREE EXAMINATION, NOVEMBER 2018

V Semester B.Tech in Computer Science And Engineering

| SI No | Reg. No. | CS3003 | | CS3002 | | CS3001 | | CS4021 | | CS4050 | | CS4043 | | CS4022 | | CS4023 | | CS4093 | | CS3096 | | CS3092 | | CS4042 | | CS3095 | | SGPA | | |
|-------|-----------|-----------------------|-----|---------------------------------|-----|---------------------------|-----|------------------------------------|-----|---------------------------------------|-----|----------------------|-----|---|-----|--------------------------------|-----|---------------------------------|-----|---|-----|----------------------------------|-----|---------------------|-----|--|-----|------|-------|------|
| | | OPERATING SYSTEMS (4) | | DATABASE MANAGEMENT SYSTEMS (4) | | THEORY OF COMPUTATION (4) | | NUMBER THEORY AND CRYPTOGRAPHY (4) | | DESIGN AND ANALYSIS OF ALGORITHMS (4) | | IMAGE PROCESSING (4) | | PRINCIPLES OF PROGRAMMING LANGUAGES (4) | | COMPUTATIONAL INTELLIGENCE (4) | | IMAGE PROCESSING LABORATORY (3) | | COMPUTATIONAL INTELLIGENCE LABORATORY (3) | | OPERATING SYSTEMS LABORATORY (3) | | WEB PROGRAMMING (4) | | DATABASE MANAGEMENT SYSTEMS LABORATORY (3) | | | | |
| | | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | | Grade | Att |
| 30 | B160471CS | S | H | A | H | B | H | | | B | H | | | A | H | | | | | | | B | N | | | | | 8.7 | | |
| 31 | B160932CS | B | H | A | H | B | H | B | H | | | | | A | H | | | | | | | | | A | H | | | 8.48 | | |
| 32 | B160262CS | S | H | A | N | A | H | A | H | | | | | S | H | | | | | | | | | A | H | | | 9.35 | | |
| 33 | B160747CS | C | H | A | H | B | H | C | H | | | | | | | B | H | | | | | | | C | H | | | 7.7 | | |
| 34 | B160497CS | B | H | A | H | B | H | C | H | C | H | | | | | | | | | | | | | | | S | H | 8.09 | | |
| 35 | B160653CS | B | H | B | H | A | H | B | H | A | H | | | | | | | | | | | | | S | H | | | 8.61 | | |
| 36 | B160517CS | A | H | B | H | A | H | C | H | C | H | | | | | | | | | | | | | B | H | | | 8 | | |
| 37 | B160210CS | C | H | B | N | C | N | C | H | | | | | | | | | | | | | | | | | A | H | B | H | 7.65 |
| 38 | B160277CS | B | H | C | N | C | N | A | H | | | | | | | A | H | | | | | B | H | | | | | 8 | | |
| 39 | B160282CS | B | N | B | N | C | N | B | H | | | | | | | | | | | | | | | A | N | S | H | 8.3 | | |
| 40 | B160246CS | B | N | C | N | B | N | A | H | | | | | | | | | | | | | | | A | H | A | N | 8.3 | | |
| 41 | B160829CS | B | H | B | H | B | H | B | H | | | A | H | | | | | | | | | | | B | H | | | 8.17 | | |
| 42 | B160510CS | A | H | C | N | C | N | C | H | C | H | | | | | | | | | | | | | A | H | | | 7.61 | | |
| 43 | B160204CS | B | H | C | N | C | N | | | C | H | | | | | | | | | | | | | C | N | A | N | 7.52 | | |
| 44 | B160769CS | B | H | B | H | A | H | A | H | C | H | | | | | | | | | | | | | A | H | | | 8.3 | | |



NATIONAL INSTITUTE OF TECHNOLOGY CALICUT
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

RESULTS OF V SEMESTER B.TECH DEGREE EXAMINATION, NOVEMBER 2018

V Semester B.Tech in Computer Science And Engineering

| SI No | Reg. No. | CS3003 | | CS3002 | | CS3001 | | CS4021 | | CS4050 | | CS4043 | | CS4022 | | CS4023 | | CS4093 | | CS3096 | | CS3092 | | CS4042 | | CS3095 | | SGPA | |
|-------|-----------|-----------------------|-----|---------------------------------|-----|---------------------------|-----|------------------------------------|-----|---------------------------------------|-----|----------------------|-----|---|-----|--------------------------------|-----|---------------------------------|-----|---|-----|----------------------------------|-----|---------------------|-----|--|------|------|-------|
| | | OPERATING SYSTEMS (4) | | DATABASE MANAGEMENT SYSTEMS (4) | | THEORY OF COMPUTATION (4) | | NUMBER THEORY AND CRYPTOGRAPHY (4) | | DESIGN AND ANALYSIS OF ALGORITHMS (4) | | IMAGE PROCESSING (4) | | PRINCIPLES OF PROGRAMMING LANGUAGES (4) | | COMPUTATIONAL INTELLIGENCE (4) | | IMAGE PROCESSING LABORATORY (3) | | COMPUTATIONAL INTELLIGENCE LABORATORY (3) | | OPERATING SYSTEMS LABORATORY (3) | | WEB PROGRAMMING (4) | | DATABASE MANAGEMENT SYSTEMS LABORATORY (3) | | | |
| | | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | | Grade |
| 45 | B160881CS | C | N | D | N | C | N | | | | | C | N | | | | | C | H | | | | | B | N | | | 7 | |
| 46 | B160741CS | C | H | S | N | B | H | | | C | H | | | | | | | | | | | | | A | N | B | H | 8.17 | |
| 47 | B160733CS | B | H | B | H | B | N | C | H | | | | | | | C | H | | | | | | B | H | | | 7.65 | | |
| 48 | B160515CS | C | H | C | N | B | H | | | R | H | | | | | D | H | | | | B | H | | | | | 6.61 | | |
| 49 | B160072CS | C | N | B | N | D | N | D | H | | | C | N | | | | | | | | | | E | N | | | 6.57 | | |
| 50 | B160901CS | A | H | A | H | B | H | | | C | H | | | B | H | | | | | | | | A | H | | | 8.3 | | |
| 51 | B160809CS | C | H | B | H | C | N | C | H | C | H | | | | | | | | | | | | C | H | | | 7.17 | | |
| 52 | B160162CS | B | H | A | N | D | N | C | H | | | | | | | | | | | | | | B | H | S | N | 8 | | |
| 53 | B160779CS | B | H | A | N | B | H | D | H | | | | | B | N | | | | | | | | B | N | | | 7.83 | | |
| 54 | B160244CS | D | H | B | N | D | N | | | R | H | | | | | | | | | | | | D | N | S | H | 6.7 | | |
| 55 | B160886CS | D | H | A | H | D | N | D | H | | | B | H | | | | | | | | | | | | | C | H | 7 | |
| 56 | B160853CS | C | H | A | H | C | N | C | H | | | | | | | C | H | | | | | | | | | B | H | 7.48 | |
| 57 | B160536CS | D | H | B | H | D | N | D | H | | | | | | | | | | | | | | | | B | N | E | H | 6.57 |
| 58 | B160333CS | B | H | B | H | B | H | A | H | C | H | | | | | | | | | | | | B | H | | | 8 | | |
| 59 | B160723CS | D | H | B | N | C | N | D | H | | | | | | | | | | | | | | B | H | B | N | | | 7.13 |



NATIONAL INSTITUTE OF TECHNOLOGY CALICUT
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

RESULTS OF V SEMESTER B.TECH DEGREE EXAMINATION, NOVEMBER 2018

V Semester B.Tech in Computer Science And Engineering

| SI No | Reg. No. | CS3003 | | CS3002 | | CS3001 | | CS4021 | | CS4050 | | CS4043 | | CS4022 | | CS4023 | | CS4093 | | CS3096 | | CS3092 | | CS4042 | | CS3095 | | SGPA | | |
|-------|-----------|-----------------------|-----|---------------------------------|-----|---------------------------|-----|------------------------------------|-----|---------------------------------------|-----|----------------------|-----|---|-----|--------------------------------|-----|---------------------------------|-----|---|-----|----------------------------------|-----|---------------------|-----|--|-----|------|-------|------|
| | | OPERATING SYSTEMS (4) | | DATABASE MANAGEMENT SYSTEMS (4) | | THEORY OF COMPUTATION (4) | | NUMBER THEORY AND CRYPTOGRAPHY (4) | | DESIGN AND ANALYSIS OF ALGORITHMS (4) | | IMAGE PROCESSING (4) | | PRINCIPLES OF PROGRAMMING LANGUAGES (4) | | COMPUTATIONAL INTELLIGENCE (4) | | IMAGE PROCESSING LABORATORY (3) | | COMPUTATIONAL INTELLIGENCE LABORATORY (3) | | OPERATING SYSTEMS LABORATORY (3) | | WEB PROGRAMMING (4) | | DATABASE MANAGEMENT SYSTEMS LABORATORY (3) | | | | |
| | | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | | Grade | Att |
| 60 | B160633CS | E | H | C | N | C | N | D | H | | | | | | | | | | | | | | | | B | N | D | H | 6.52 | |
| 61 | B160270CS | A | H | S | H | A | H | | | A | H | | | S | H | | | | | | | | | A | H | | | | 9.35 | |
| 62 | B160745CS | D | H | B | H | C | N | | | | | | | | | B | H | | | | | | | A | H | B | H | 7.65 | | |
| 63 | B160668CS | A | H | A | H | A | H | C | H | | | | | | | A | H | | | | B | H | | | | | | | 8.52 | |
| 64 | B160850CS | C | H | B | N | D | N | | | | | D | N | | | | | | | | | | | | | B | N | D | H | 6.87 |
| 65 | B160124CS | A | H | S | H | C | N | C | H | | | | | | | | | | | | | | | B | H | S | N | | 8.52 | |
| 66 | B160158CS | B | H | A | N | B | H | B | H | B | H | | | | | | | | | | | | | | | | | S | H | 8.43 |
| 67 | B160428CS | C | H | A | N | C | H | | | | | | | | | C | H | | | | | | | | | A | H | A | H | 7.96 |
| 68 | B160445CS | A | H | A | N | A | H | S | H | B | H | | | | | | | | | | | | | | S | H | | | 9.13 | |
| 69 | B160008CS | B | H | B | N | C | N | D | H | | | | | | | A | H | | | | B | H | | | | | | | | 7.65 |
| 70 | B160855CS | D | N | C | N | D | N | E | H | | | D | N | | | | | | | | | | | | | | | D | H | 6 |
| 71 | B160589CS | C | H | B | N | C | N | B | H | | | | | | | D | H | | | | | | | | | A | H | | | 7.43 |
| 72 | B160061CS | A | H | B | H | S | H | A | H | S | H | | | | | | | | | | | | | | | | C | N | | 8.91 |
| 73 | B160656CS | B | H | C | N | D | N | D | H | | | | | C | H | | | | | | | | | | | | B | H | | 6.96 |



NATIONAL INSTITUTE OF TECHNOLOGY CALICUT
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

RESULTS OF V SEMESTER B.TECH DEGREE EXAMINATION, NOVEMBER 2018

V Semester B.Tech in Computer Science And Engineering

| SI No | Reg. No. | CS3003 | | CS3002 | | CS3001 | | CS4021 | | CS4050 | | CS4043 | | CS4022 | | CS4023 | | CS4093 | | CS3096 | | CS3092 | | CS4042 | | CS3095 | | SGPA | | |
|-------|-----------|-----------------------|-----|---------------------------------|-----|---------------------------|-----|------------------------------------|-----|---------------------------------------|-----|----------------------|-----|---|-----|--------------------------------|-----|---------------------------------|-----|---|-----|----------------------------------|-----|---------------------|-----|--|-----|------|-------|------|
| | | OPERATING SYSTEMS (4) | | DATABASE MANAGEMENT SYSTEMS (4) | | THEORY OF COMPUTATION (4) | | NUMBER THEORY AND CRYPTOGRAPHY (4) | | DESIGN AND ANALYSIS OF ALGORITHMS (4) | | IMAGE PROCESSING (4) | | PRINCIPLES OF PROGRAMMING LANGUAGES (4) | | COMPUTATIONAL INTELLIGENCE (4) | | IMAGE PROCESSING LABORATORY (3) | | COMPUTATIONAL INTELLIGENCE LABORATORY (3) | | OPERATING SYSTEMS LABORATORY (3) | | WEB PROGRAMMING (4) | | DATABASE MANAGEMENT SYSTEMS LABORATORY (3) | | | | |
| | | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | | Grade | Att |
| 74 | B160405CS | B | H | B | N | A | H | | | C | H | | | | | B | H | | | | | S | H | | | | | 8.26 | | |
| 75 | B160408CS | B | H | A | N | A | H | | | A | H | | | A | H | | | | | | | | | B | N | | | 8.7 | | |
| 76 | B160909CS | D | N | C | N | C | N | | | | | C | H | | | | | B | H | | | | | A | N | | | 7.3 | | |
| 77 | B160502CS | B | N | D | N | C | N | C | H | | | | | | | | | | | | | | C | N | S | N | | | 7.52 | |
| 78 | B160873CS | A | H | S | H | A | H | B | H | | | | | | | S | H | | | | | | | A | H | | | 9.17 | | |
| 79 | B160184CS | B | H | B | N | A | H | | | C | H | | | B | N | | | | | | | | | C | N | | | 7.87 | | |
| 80 | B160081CS | D | H | B | N | C | N | | | | | | | | | C | H | | | | | | | A | N | B | H | 7.48 | | |
| 81 | B160118CS | A | H | B | H | B | H | C | H | | | | | A | H | | | | | | | | | A | H | | | 8.3 | | |
| 82 | B160328CS | A | H | B | N | A | H | B | H | | | | | A | H | | | | | | | | | S | H | | | 8.78 | | |
| 83 | B160024CS | D | H | C | H | C | N | C | H | | | | | | | A | H | | | | A | H | | | | | | | 7.43 | |
| 84 | B160213CS | B | H | B | H | B | H | A | H | | | | | | | A | H | | | | | | | B | H | | | 8.35 | | |
| 85 | B160094CS | B | H | B | N | D | N | | | C | H | | | | | C | H | | | | | | | B | H | | | 7.3 | | |
| 86 | B160326CS | C | H | A | H | B | H | D | H | | | C | H | | | | | | | B | H | | | | | | | 7.48 | | |
| 87 | B160473CS | D | N | A | N | C | N | E | H | | | | | | | | | | | | | | | | | A | N | C | H | 7.17 |
| 88 | B160660CS | B | H | A | H | B | H | C | H | | | | | | | | | B | H | | | | | B | H | | | 8 | | |



NATIONAL INSTITUTE OF TECHNOLOGY CALICUT
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

RESULTS OF V SEMESTER B.TECH DEGREE EXAMINATION, NOVEMBER 2018

V Semester B.Tech in Computer Science And Engineering

| SI No | Reg. No. | CS3003 | | CS3002 | | CS3001 | | CS4021 | | CS4050 | | CS4043 | | CS4022 | | CS4023 | | CS4093 | | CS3096 | | CS3092 | | CS4042 | | CS3095 | | SGPA | |
|-------|-----------|-----------------------|-----|---------------------------------|-----|---------------------------|-----|------------------------------------|-----|---------------------------------------|-----|----------------------|-----|---|-----|--------------------------------|-----|---------------------------------|-----|---|-----|----------------------------------|-----|---------------------|-----|--|-----|------|-------|
| | | OPERATING SYSTEMS (4) | | DATABASE MANAGEMENT SYSTEMS (4) | | THEORY OF COMPUTATION (4) | | NUMBER THEORY AND CRYPTOGRAPHY (4) | | DESIGN AND ANALYSIS OF ALGORITHMS (4) | | IMAGE PROCESSING (4) | | PRINCIPLES OF PROGRAMMING LANGUAGES (4) | | COMPUTATIONAL INTELLIGENCE (4) | | IMAGE PROCESSING LABORATORY (3) | | COMPUTATIONAL INTELLIGENCE LABORATORY (3) | | OPERATING SYSTEMS LABORATORY (3) | | WEB PROGRAMMING (4) | | DATABASE MANAGEMENT SYSTEMS LABORATORY (3) | | | |
| | | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | | Grade |
| 89 | B160340CS | B | H | A | H | B | H | S | H | | | | | | | C | H | | | | | B | H | | | | | 8.35 | |
| 90 | B160891CS | C | H | C | H | C | N | B | H | | | | | | | B | H | | | B | H | | | | | | | 7.48 | |
| 91 | B160664CS | S | H | A | H | B | H | B | H | B | H | | | | | | | | | | | A | H | | | | | 8.65 | |
| 92 | B160286CS | B | H | B | N | A | H | B | H | | | | | A | H | | | | | | | B | H | | | | | 8.35 | |
| 93 | B160748CS | E | H | E | N | D | N | F | H | | | | | | | | | | | | | | | D | N | D | H | 4.61 | |
| 94 | B160195CS | B | N | A | N | B | H | B | H | C | H | | | | | | | | | | | B | N | | | | | 8 | |
| 95 | B160859CS | B | H | A | H | B | H | B | H | | | | | B | H | | | | | | | S | H | | | | | 8.43 | |
| 96 | B160146CS | D | H | C | H | D | N | | | | | C | H | | | | | B | H | | | | | C | H | | | 6.78 | |
| 97 | B160756CS | C | H | B | N | C | N | C | H | | | | | | | D | H | | | | | A | H | | | | | 7.26 | |
| 98 | B160278CS | E | N | D | N | E | N | | | | | D | N | | | | | D | H | | | | | C | N | | | 5.83 | |
| 99 | B160057CS | D | H | D | N | D | N | | | | | D | N | | | | | | | | | | | | B | N | D | H | 6.35 |
| 100 | B160607CS | B | H | B | H | B | H | B | H | | | C | N | | | | | | | | | B | N | | | | | 7.83 | |
| 101 | B160093CS | C | N | C | N | C | N | | | C | H | | | | | C | H | | | | | E | N | | | | | 6.74 | |
| 102 | B160710CS | B | H | A | H | B | N | A | H | C | H | | | | | | | | | | | B | H | | | | | 8.17 | |
| 103 | B160576CS | E | N | D | N | E | N | | | | | D | N | | | D | H | D | H | | | | | | | | | 5.65 | |



NATIONAL INSTITUTE OF TECHNOLOGY CALICUT
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

RESULTS OF V SEMESTER B.TECH DEGREE EXAMINATION, NOVEMBER 2018

V Semester B.Tech in Computer Science And Engineering

| SI No | Reg. No. | CS3003 | | CS3002 | | CS3001 | | CS4021 | | CS4050 | | CS4043 | | CS4022 | | CS4023 | | CS4093 | | CS3096 | | CS3092 | | CS4042 | | CS3095 | | SGPA | | |
|-------|-----------|-----------------------|-----|---------------------------------|-----|---------------------------|-----|------------------------------------|-----|---------------------------------------|-----|----------------------|-----|---|-----|--------------------------------|-----|---------------------------------|-----|---|-----|----------------------------------|-----|---------------------|-----|--|-----|------|-------|------|
| | | OPERATING SYSTEMS (4) | | DATABASE MANAGEMENT SYSTEMS (4) | | THEORY OF COMPUTATION (4) | | NUMBER THEORY AND CRYPTOGRAPHY (4) | | DESIGN AND ANALYSIS OF ALGORITHMS (4) | | IMAGE PROCESSING (4) | | PRINCIPLES OF PROGRAMMING LANGUAGES (4) | | COMPUTATIONAL INTELLIGENCE (4) | | IMAGE PROCESSING LABORATORY (3) | | COMPUTATIONAL INTELLIGENCE LABORATORY (3) | | OPERATING SYSTEMS LABORATORY (3) | | WEB PROGRAMMING (4) | | DATABASE MANAGEMENT SYSTEMS LABORATORY (3) | | | | |
| | | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | | Grade | Att |
| 104 | B160716CS | D | N | B | N | D | H | D | H | | | | | | | D | H | | | | | | | | | D | H | 6.35 | | |
| 105 | B160109CS | E | H | B | N | E | N | E | H | | | | | | | | | | | | | | | | C | N | D | H | 6 | |
| 106 | B160552CS | D | H | C | N | D | N | D | H | | | | | | | C | H | | | | | | | D | H | | | 6.35 | | |
| 107 | B160214CS | A | H | A | H | A | H | A | H | | | | | | | A | H | | | | B | H | | | | | | | 8.87 | |
| 108 | B160229CS | S | H | B | N | B | H | | | | | | | | | B | H | | | | | | | B | N | A | N | 8.52 | | |
| 109 | B160346CS | B | H | A | N | C | N | | | C | H | | | | | C | H | | | | | | | B | H | | | 7.65 | | |
| 110 | B160540CS | C | H | B | H | B | H | C | H | | | | | B | H | | | | | | | | | A | N | | | 7.78 | | |
| 111 | B160712CS | D | N | D | N | E | N | | | | | | | | | E | N | | | | | | | E | N | | B | H | 5.77 | |
| 112 | B160038CS | E | H | D | N | D | N | | | | | D | N | | | | | | | | | | | | | B | N | D | H | 6.17 |
| 113 | B160584CS | C | H | B | N | B | N | C | H | | | | | | | B | H | | | | C | H | | | | | | | 7.52 | |
| 114 | B160799CS | R | N | D | N | E | N | | | | | D | N | | | | | | | | | | | | | D | N | E | H | 5.35 |
| 115 | B160153CS | A | N | B | N | A | H | | | B | H | | | | B | N | | | | | | | | | D | N | | | 8.09 | |
| 116 | B160083CS | B | H | B | H | A | H | | | B | H | | | | A | H | | | | | | | | | B | H | | | 8.35 | |
| 117 | B160632CS | A | H | S | N | S | H | S | H | A | H | | | | | | | | | | | | | | S | H | | | 9.65 | |



NATIONAL INSTITUTE OF TECHNOLOGY CALICUT
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

RESULTS OF V SEMESTER B.TECH DEGREE EXAMINATION, NOVEMBER 2018

V Semester B.Tech in Computer Science And Engineering

| SI No | Reg. No. | CS3003 | | CS3002 | | CS3001 | | CS4021 | | CS4050 | | CS4043 | | CS4022 | | CS4023 | | CS4093 | | CS3096 | | CS3092 | | CS4042 | | CS3095 | | SGPA | | |
|-------|-----------|-----------------------|-----|---------------------------------|-----|---------------------------|-----|------------------------------------|-----|---------------------------------------|-----|----------------------|-----|---|-----|--------------------------------|-----|---------------------------------|-----|---|-----|----------------------------------|-----|---------------------|-----|--|-----|------|-------|------|
| | | OPERATING SYSTEMS (4) | | DATABASE MANAGEMENT SYSTEMS (4) | | THEORY OF COMPUTATION (4) | | NUMBER THEORY AND CRYPTOGRAPHY (4) | | DESIGN AND ANALYSIS OF ALGORITHMS (4) | | IMAGE PROCESSING (4) | | PRINCIPLES OF PROGRAMMING LANGUAGES (4) | | COMPUTATIONAL INTELLIGENCE (4) | | IMAGE PROCESSING LABORATORY (3) | | COMPUTATIONAL INTELLIGENCE LABORATORY (3) | | OPERATING SYSTEMS LABORATORY (3) | | WEB PROGRAMMING (4) | | DATABASE MANAGEMENT SYSTEMS LABORATORY (3) | | | | |
| | | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | | Grade | Att |
| 118 | B160943CS | C | H | C | N | B | H | | | B | H | | | | | B | H | | | B | H | | | | | | | | 7.65 | |
| 119 | B160506CS | C | N | A | N | B | N | E | H | | | C | H | | | | | | | | | | | | | | D | H | 7.04 | |
| 120 | B160135CS | A | N | C | N | S | H | S | H | A | H | | | | | | | | | | | S | N | | | | | | 9.13 | |
| 121 | B160613CS | C | H | B | N | B | H | A | H | | | | | | | S | H | | | C | H | | | | | | | | 8.22 | |
| 122 | B160232CS | D | H | C | N | C | H | C | H | | | | | A | H | | | | | | | B | N | | | | | | 7.3 | |
| 123 | B160739CS | C | H | B | N | C | N | C | H | | | | | | | D | H | | | | | | | | | S | H | | 7.39 | |
| 124 | B160511CS | B | H | A | H | B | N | A | H | C | H | | | | | | | | | | | | | S | H | | | | 8.43 | |
| 125 | B160268CS | R | H | D | N | E | N | | | | | E | N | | | | | D | H | | | | | E | N | | | | 5.13 | |
| 126 | B160185CS | B | H | B | N | B | N | | | C | H | | | B | H | | | | | | | | | D | N | | | | 7.57 | |
| 127 | B160175CS | B | H | B | H | B | H | | | A | H | | | A | H | | | | | | | | | S | H | | | | 8.61 | |
| 128 | B160598CS | D | H | C | N | C | N | C | H | | | | | | | C | H | | | | | | | D | N | | | | 6.7 | |
| 129 | B160154CS | R | N | E | N | E | N | F | H | | | | | | | E | H | | | | | | | R | N | | | | 3.83 | |
| 130 | B160198CS | S | H | B | H | S | H | A | H | A | H | | | | | | | | | | | | | S | H | | | | 9.3 | |
| 131 | B160683CS | E | H | C | N | | | E | H | | | | | | | | | | | | | | | | | C | N | E | H | 5.84 |
| 132 | B160046CS | C | H | B | N | B | N | D | H | | | | | A | N | | | | | | | | | C | N | | | | 7.52 | |



NATIONAL INSTITUTE OF TECHNOLOGY CALICUT
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

RESULTS OF V SEMESTER B.TECH DEGREE EXAMINATION, NOVEMBER 2018

V Semester B.Tech in Computer Science And Engineering

| SI No | Reg. No. | CS3003 | | CS3002 | | CS3001 | | CS4021 | | CS4050 | | CS4043 | | CS4022 | | CS4023 | | CS4093 | | CS3096 | | CS3092 | | CS4042 | | CS3095 | | SGPA | | |
|-------|-----------|-----------------------|-----|---------------------------------|-----|---------------------------|-----|------------------------------------|-----|---------------------------------------|-----|----------------------|-----|---|-----|--------------------------------|-----|---------------------------------|-----|---|-----|----------------------------------|-----|---------------------|-----|--|-----|------|-------|------|
| | | OPERATING SYSTEMS (4) | | DATABASE MANAGEMENT SYSTEMS (4) | | THEORY OF COMPUTATION (4) | | NUMBER THEORY AND CRYPTOGRAPHY (4) | | DESIGN AND ANALYSIS OF ALGORITHMS (4) | | IMAGE PROCESSING (4) | | PRINCIPLES OF PROGRAMMING LANGUAGES (4) | | COMPUTATIONAL INTELLIGENCE (4) | | IMAGE PROCESSING LABORATORY (3) | | COMPUTATIONAL INTELLIGENCE LABORATORY (3) | | OPERATING SYSTEMS LABORATORY (3) | | WEB PROGRAMMING (4) | | DATABASE MANAGEMENT SYSTEMS LABORATORY (3) | | | | |
| | | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | | Grade | Att |
| 133 | B160091CS | C | H | B | N | A | N | B | H | B | H | | | | | | | | | | | | D | N | | | | | 7.74 | |
| 134 | B160382CS | E | H | C | H | E | N | | | | | | | E | H | | | | | | | | | | C | N | D | H | 5.83 | |
| 135 | B160760CS | B | H | B | N | B | H | S | H | C | H | | | | | | | | | | | | S | H | | | | | 8.43 | |
| 136 | B160052CS | R | N | E | N | E | N | F | H | E | H | | | | | | | | | | | | R | N | | | | | 3.83 | |
| 137 | B160521CS | C | H | B | N | C | N | C | H | | | | | | | | | | | | | | C | H | A | N | | | 7.52 | |
| 138 | B160644CS | C | H | B | H | C | H | B | H | | | | | A | H | | | | | | | | B | H | | | | | 7.83 | |
| 139 | B160104CS | C | H | B | N | D | N | | | | | | | B | N | A | H | | | | | B | H | | | | | 7.65 | | |
| 140 | B160040CS | D | N | D | N | C | N | | | C | H | | | | | B | H | | | | | C | H | | | | | 6.83 | | |
| 141 | B160247CS | C | H | C | N | C | N | B | H | | | B | H | | | | | A | H | | | | | | | | | 7.61 | | |
| 142 | B160302CS | B | H | A | N | B | H | B | H | | | | | B | H | | | | | | | | C | H | | | | | 8.04 | |
| 143 | B160483CS | A | H | A | N | A | H | | | C | H | | | B | N | | | | | | | | B | N | | | | | 8.35 | |
| 144 | B160688CS | C | H | C | H | D | N | | | E | H | | | B | N | | | | | | | | D | N | | | | | 6.52 | |
| 145 | B160228CS | S | H | A | H | S | H | | | A | H | | | A | H | | | | | | | | A | N | | | | | 9.35 | |
| 146 | B160099CS | C | H | B | H | B | N | A | H | D | H | | | | | | | | | | | | B | H | | | | | 7.65 | |
| 147 | B160693CS | B | H | B | N | C | N | C | H | | | | | | | | | | | | | | | | | A | N | A | H | 7.96 |



NATIONAL INSTITUTE OF TECHNOLOGY CALICUT
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

RESULTS OF V SEMESTER B.TECH DEGREE EXAMINATION, NOVEMBER 2018

V Semester B.Tech in Computer Science And Engineering

| SI No | Reg. No. | CS3003 | | CS3002 | | CS3001 | | CS4021 | | CS4050 | | CS4043 | | CS4022 | | CS4023 | | CS4093 | | CS3096 | | CS3092 | | CS4042 | | CS3095 | | SGPA |
|-------|-----------|-----------------------|-----|---------------------------------|-----|---------------------------|-----|------------------------------------|-----|---------------------------------------|-----|----------------------|-----|---|-----|--------------------------------|-----|---------------------------------|-----|---|-----|----------------------------------|-----|---------------------|-----|--|-----|------|
| | | OPERATING SYSTEMS (4) | | DATABASE MANAGEMENT SYSTEMS (4) | | THEORY OF COMPUTATION (4) | | NUMBER THEORY AND CRYPTOGRAPHY (4) | | DESIGN AND ANALYSIS OF ALGORITHMS (4) | | IMAGE PROCESSING (4) | | PRINCIPLES OF PROGRAMMING LANGUAGES (4) | | COMPUTATIONAL INTELLIGENCE (4) | | IMAGE PROCESSING LABORATORY (3) | | COMPUTATIONAL INTELLIGENCE LABORATORY (3) | | OPERATING SYSTEMS LABORATORY (3) | | WEB PROGRAMMING (4) | | DATABASE MANAGEMENT SYSTEMS LABORATORY (3) | | |
| | | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | Grade | Att | |
| 148 | B140367CS | | | | | C | N | E | H | | | | | | | | | | | | | | | | | | | 6 |
| 149 | B110822CS | | | | | E | N | | | | | | | | | | | | | | | | | | | | | 5 |
| 150 | B140688CS | | | | | | | E | H | | | | | | | | | | | | | | | | | | | 5 |
| 151 | B150091CS | C | N | B | N | D | N | | | | | B | H | | | | | B | H | | | | | A | N | | | 7.65 |
| 152 | B150482CS | R | N | R | N | R | N | | | | | E | N | | | | | E | H | | | | | | | | | 4.37 |
| 153 | B120286CS | | | | | | | E | H | | | | | E | N | | | | | | | | | | | | | 5 |
| 154 | B150490CS | R | N | E | N | R | N | | | | | D | N | | | E | H | E | H | | | | | | | | | 4.83 |
| 155 | B140864CS | | | | | | | | | | | A | H | | | C | N | B | H | | | | | | | A | H | 8.21 |
| 156 | B130331CS | | | | | | | | | | | R | N | | | | | | | | | | | | | | | 4 |
| 157 | B140254CS | F | N | | | | | F | N | | | R | N | | | | | | | | | | | | E | N | | 2.25 |
| 158 | B150899CS | D | H | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| 159 | B150906CS | E | N | | | | | | | | | | | | | | | | | | | | C | H | | | | 5.86 |
| 160 | B150039CS | E | N | | | | | | | | | | | | | | | | | | | | | | | | | 5 |