

NATIONAL BOARD OF ACCREDITATION

Data Capturing Points of the Program Applied for NBA Accreditation - Tier I / II UG (Engineering) Institute Programs

PART-A: Profile of the Institute

Name of the Program Applied for:

| | | |
|------------|--|--|
| A1: | Name of the Institute: - | KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE, Warangal |
| | Year of Establishment: 1980 | Location of the Institute: YERRAGATTU HILLOCK, VILL- BHEEMARAM, MANDAL, HA SANPARTHY |
| A2: | Institute Address: - | |
| | City: Hanamkonda Pin Code: 506015 E-mail: principal@kitsw.ac.in | State: Telangana Website: www.kitsw.ac.in Phone No (with STD Code): +91 7382564888 |

A3: Name and Address of the Affiliating University (If any): -

Name of the University : Kakatiya University City : Hanamkonda
State : Telangana Pin Code: 506015

A4: Type of the Institution: - (Tick the applicable choice)

| | | | |
|----------------------------------|--------------------------|------------------------------|-------------------------------------|
| Institute of National Importance | <input type="checkbox"/> | Deemed University | <input type="checkbox"/> |
| University | <input type="checkbox"/> | Autonomous | <input checked="" type="checkbox"/> |
| Non-Autonomous (Affiliated) | <input type="checkbox"/> | Any other (Please specify) * | <input type="checkbox"/> |

***Provide Details:** _____

A5: Ownership Status: - (Tick the applicable choice)

| | | | |
|------------------------------|--------------------------|--------------------------------|-------------------------------------|
| Central Government | <input type="checkbox"/> | State Government | <input type="checkbox"/> |
| Government Aided | <input type="checkbox"/> | Self-financing | <input checked="" type="checkbox"/> |
| Any Other (Please specify) * | <input type="checkbox"/> | *Provide Details: _____ | |

A6: Details of all Programs being Offered by the Institution: -

- ❖ No. of UG programs: 11
- ❖ No. of PG programs: 08

Table No. A6.1: List of all programs offered by the Institute.

| S. No. | Level of program (UG/PG) | Name of the program | Year of start | Year of Close |
|--------|--------------------------|---|---------------|---------------|
| 1 | UG | Civil Engineering | 1980 | - |
| 2 | UG | Mechanical Engineering | 1980 | - |
| 3 | UG | Electrical & Electronics Engineering | 1994 | - |
| 4 | UG | Electronics Communication and Instrumentation Engineering | 2017 | - |
| 5 | UG | Computer Science and Engineering | 1994 | - |
| 6 | UG | Information Technology | 1999 | - |
| 7 | UG | Electronics and Communication Engineering | 2000 | - |
| 8 | UG | Computer Science and Engineering (Networks) | 2017 | - |
| 9 | UG | Computer Science and Engineering (Artificial Intelligence & Machine Learning) | 2020 | - |
| 10 | UG | Computer Science and Engineering (Internet of Things) | 2020 | - |
| 11 | UG | Computer Science and Engineering (Data Science) | 2022 | - |
| 12 | PG | Design Engineering | 2004 | - |
| 13 | PG | Power Electronics | 2013 | - |
| 14 | PG | Structural Engineering and Construction | 2004 | - |
| 15 | PG | Software Engineering | 2004 | - |
| 16 | PG | Data Science | 2020 | - |
| 17 | PG | Embedded System & VLSI | 2021 | - |
| 18 | PG | Communication Engineering & Signal Processing | 2020 | - |
| 19 | PG | Master of Business Administration | 2006 | - |

A7: Programs to be considered for Accreditation vide this Application:

Table No. A7.1: List of programs to be considered for accreditation.

| S.N. | Name of the Department | Name of the Program |
|------|--|---|
| 1 | Civil Engineering | B.Tech (Civil Engineering) |
| 2 | Mechanical Engineering | B.Tech (Mechanical Engineering) |
| 3 | Electrical and Electronics Engineering | B.Tech (Electrical and Electronics Engineering) |
| 4 | Information Technology | B.Tech (Information Technology) |

Table No. A7.2: Allied Department(s) to the Department of the program considered for accreditation as above.

| S.No | Name of the Department (in table no. A7.1) | Name of allied Departments/Cluster (for table no. A7.1) |
|------|---|---|
| 1 | Civil Engineering | - |
| 2 | Mechanical Engineering | - |
| 3 | Electrical and Electronics Engineering | - |
| 4 | Information Technology | B.Tech Computer Science and Engineering |
| 5 | | B.Tech Computer Science and Engineering (Artificial Intelligence & Machine Learning) |
| 6 | | B.Tech Computer Science and Engineering (Networks) |

PART-B: Program information

(Data to be filled in for the program applied for Accreditation)

B1: Provide the Required Information for the Program Applied For: -

Table No. B1: Program details.

| S. N. | Program Name | Year of start | Sanctioned Intake | Increase/ decrease in intake, if any | Year of increase/ decrease | AICTE Approval Details | Accreditation Status* | No. of times program accredited |
|-------|-------------------|---------------|-------------------|--------------------------------------|----------------------------|--------------------------------------|---|---------------------------------|
| 1. | Civil Engineering | 1980 | 40 | YES : 60 | 2022 | South-Central/1-10981206183/2022/EOA | Granted accreditation for 3 years for the period (2022-23 TO 2024-25) | 6 |

* Write applicable one:

- ❖ Applying first time
- ❖ Granted accreditation for 2/3 years for the period (specify period)
- ❖ Granted accreditation for 5/6 years for the period (specify period)
- ❖ Not accredited (specify visit dates, year).
- ❖ Withdrawn (specify visit dates, year)
- ❖ Not eligible for accreditation.

B2: Detail of Head of the Department for the program under consideration:

A. Name of the HoD : Dr. M. Srikanth

B. Nature of appointment: (Tick the applicable choice)

- ❖ Regular ☒
- ❖ Contract ☐
- ❖ Ad hoc ☐

C. Qualification: (Tick the applicable choice)

- ❖ Ph.D. ☒
- ❖ ME/M.Tech ☐
- ❖ Any other* ☐

***Please provide details:** _____

B3: Program Details**Table No.B3.1:** Admission details for the program excluding those admitted through multiple entry and exit points.

| Item (Information is to be provided cumulatively for all the shifts with explicit headings, wherever applicable) | CAY 2024-25 | CAYm1 2023-24 | CAYm2 2022-23 | CAYm3 2021-22 | CAYm4 (LYG) 2020-21 | CAYm5 (LYGm1) 2019-20 | CAYm6 (LYGm2) 2018-19 |
|---|----------------|------------------|------------------|------------------|------------------------|-----------------------------|-----------------------------|
| N= Sanctioned intake of the program (as per AICTE /Competent authority) | 60 | 60 | 60 | 120 | 120 | 120 | 120 |
| N1= Total no. of students admitted in the 1 st year minus the no. of students, who migrated to other programs/ institutions plus no. of students, who migrated to this program | 51 | 57 | 37 | 90 | 94 | 113 | 120 |
| N2= Number of students admitted in 2 nd year in the same batch via lateral entry including leftover seats | 0 | 10 | 29 | 30 | 33 | 19 | 12 |
| N3= Separate division if any | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| N4= Total no. of students admitted in the 1 st year via all supernumerary quotas | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total number of students admitted in the program (N1 + N2 + N3 + N4) - excluding those admitted through multiple entry and exit points. | 51 | 67 | 66 | 120 | 127 | 132 | 132 |

CAY= Current Academic Year.

CAYm1= Current Academic Year Minus 1 CAYm2= Current Academic Year Minus 2. LYG= Last Year Graduate.

LYGm1= Last Year Graduate Minus 1. LYGm2= Last Year Graduate Minus 2.

B4: Enrolment Ratio in the First Year**Table No. B4.1:** Student enrolment ratio in the 1st year.

| Item (Students enrolled in the First Year on average over 3 academic years (CAY, CAYm1, and CAYm2)) | CAY 2024-25 | CAYm1 2023-24 | CAYm2 2022-23 |
|---|----------------|------------------|------------------|
| N= Sanctioned intake of the program in the 1 st year (as per AICTE/Competent authority) | 60 | 60 | 60 |
| N1= Total no. of students admitted in the 1 st year minus the no. of students, who migrated to other programs/ institutions plus no. of students, who migrated to this program | 51 | 57 | 37 |
| N4= Total no. of students admitted in the 1 st year via all supernumerary quotas | 0 | 0 | 0 |
| Enrolment Ratio (ER)= (N1+N4)/N | ER_1 =85 | ER_2= 95 | ER_3 = 61 |
| Average ER= (ER_1+ ER_2+ ER_3)/3 | 80 % | | |

B5: Success Rate of the Students in the Stipulated Period of the Program**Table No. B5.1:** The success rate in the stipulated period of a program.

| Item | LYG 2020-21 | LYGm1 2019-20 | LYGm2 2018-19 |
|---|----------------|------------------|------------------|
| A* = (No. of students admitted in the 1 st year of that batch and those actually admitted in the 2 nd year via lateral entry, plus the number of students admitted through multiple entry (if any) and separate division if applicable, minus the number of students who exited through multiple entry (if any)). | 127 | 132 | 132 |
| B = No. of students who graduated from the program in the stipulated course duration | 113 | 123 | 131 |
| Success Rate (SR) = (B/A)*100 | SR_1 = 89 | SR_2 = 93 | SR_3 = 99 |
| Average SR of three batches ((SR_1+SR_2+ SR_3)/3) | 93 | | |

Note *: If the value of A in Table No. B5.1 is less than the sum of the sanctioned intake (N) and the lateral entry including leftover seats (N2), then the value of A in Table No.B5.1 should be the sum of the sanctioned intake (N) and the lateral entry including leftover seats (N2) of Table No.B3.1.

B6: Academic Performance of the First-Year Students of the Program**Table No. B6.1:** Academic Performance of the First-Year Students of the Program.

| Academic Performance | CAYm1 2023-24 | CAYm2 2022-23 | CAYm3 2021-22 |
|--|------------------|------------------|------------------|
| X = (Mean of 1 st year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 1 st year/10) | 4.28 | 6.41 | 5.75 |
| Y = Total no. of successful students | 54 | 33 | 88 |
| Z = Total no. of students appeared in the examination | 55 | 36 | 88 |
| API = X* (Y/Z) | AP1 = 4.20 | AP2 = 5.87 | AP3 = 5.75 |
| Average API = (API_1 + API_2 + API_3)/3 | 5.27 | | |

B7: Academic Performance of the Second Year Students of the Program**Table No. B7.1:** Academic Performance of the Second Year Students of the Program.

| Academic Performance | CAYm1 2023-24 | CAYm2 2022-23 | CAYm3 2021-22 |
|--|------------------|------------------|------------------|
| X = (Mean of 2 nd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 2 nd year/10) | 6.76 | 6.3 | 6.76 |
| Y = Total no. of successful students | 61 | 105 | 126 |
| Z = Total no. of students appeared in the examination | 64 | 113 | 126 |
| API = X* (Y/Z) | AP1 = 6.44 | AP2 = 5.85 | AP3 = 6.76 |
| Average API = (API_1 + API_2 + API_3)/3 | 6.35 | | |

B8: Academic Performance of the Third Year Students of the Program**Table No. B8.1:** Academic Performance of the Third Year Students of the Program

| Academic Performance | CAYm1 2023-24 | CAYm2 2022-23 | CAYm3 2021-22 |
|---|------------------|------------------|------------------|
| X= (Mean of 3 rd year grade point average of all successful students on a 10-point scale) or (Mean of the percentage of marks of all successful students in 3 rd year/10) | 6.68 | 6.97 | 7.42 |
| Y= Total no. of successful students | 101 | 121 | 130 |
| Z= Total no. of students appeared in the examination | 105 | 121 | 130 |
| API = X* (Y/Z) | AP1 = 6.42 | AP2 = 6.97 | AP3 = 7.42 |
| Average API = (API_1 + API_2 + API_3)/3 | 6.93 | | |

B9: Placement, Higher Studies, and Entrepreneurship**Table No. B9.1:** Placement, higher studies, and entrepreneurship details.

| Item | LYG 2020-21 | LYGm1 2019-20 | LYGm2 2018-19 |
|--|----------------|------------------|------------------|
| FS*=Total no. of final year students | 121 | 130 | 134 |
| X= No. of students placed | 30 | 66 | 78 |
| Y= No. of students admitted to higher studies | 10 | 7 | 11 |
| Z= No. of students taking up entrepreneurship | 3 | - | - |
| X + Y + Z = | 43 | 73 | 89 |
| Placement Index (P) = (((X + Y + Z)/FS) * 100) | P1 = 35.53 | P2=56.15 | P3=66.41 |
| Average placement index = (P_1 + P_2 + P_3)/3 | 52.69 | | |

Note *: If the value of FS in Table No. B9.1 is less than the sum of the sanctioned intake (N) and the lateral entry including leftover seats (N2), then the value of FS in Table No. B9.1 should be the sum of the sanctioned intake (N) and the lateral entry including leftover seats (N2) of Table No.B3.1.

PART C: Faculty Details in Department and Allied Departments(Data to be filled in for the **Department and Allied Departments**)**C1: Faculty details of Department and Allied Departments****Table No.C1:** Faculty details in the Department for the past 3 years including CAY

| Academic Year (CAY) 2024-25 | | | | | | | | | | | | | | | |
|-----------------------------|---------------------------|------------|---------------------------|----------------|----------------------|--------------------------------------|-------------------------------------|---|---|---------------------|--|---|---|----------------------------|--|
| S.N. | Name of the Faculty | PAN No. | APAAR faculty ID*(if any) | Highest degree | University | Area of Specialization | Date of joining in this Institution | Experience in years in current institute) | Designation at Time Joining in this Institution | Present Designation | The date on which Designated as/ professor /Associate/Professor if any | Nature of association (Regular Adhoc/ contract) | If contractual mention Full time or Part time | Currently Associated (Y/N) | date of leaving if any (In case currently associated "no") |
| 1 | Dr. M. Veera Reddy | AEZPM9551M | NA | Ph. D | JNTU, Hyderabad | Engineering Structures | 11.01.2002 | 23 | Assistant Professor | Professor | 01.04.2014 | Regular | NA | Yes | NA |
| 2 | Dr. L. Sudheer Reddy | ACSPL5993K | NA | Ph. D | JNTU, Hyderabad | Construction Technology & Management | 16.06.2003 | 21.4 | Assistant Professor | Professor | 12.06.2015 | Regular | NA | Yes | NA |
| 3 | Dr. M. Andal | AQKPM1591J | NA | Ph. D | JNTU, Hyderabad | Geotechnical Engineering | 30.09.2004 | 20.4 | Assistant Professor | Professor | 01.07.2017 | Regular | NA | Yes | NA |
| 4 | Dr. M. Srikanth | BHDPS5821A | NA | Ph. D | NIT, Warangal | Structural Engineering | 13.12.1999 | 25.1 | Assistant Professor | Professor | 16.07.2019 | Regular | NA | Yes | NA |
| 5 | Dr. D. HariKrishna | AJZPD0552C | NA | Ph. D | JNTU, Hyderabad | Structural Engineering | 16.06.2003 | 21.7 | Assistant Professor | Associate Professor | 01.07.2010 | Regular | NA | Yes | NA |
| 6 | Dr. S. Sunil Pratap Reddy | ARDPS7095M | NA | Ph. D | JNTU, Hyderabad | Structural Engineering | 02.08.2017 | 7.6 | Associate Professor | Associate Professor | 02.08.2017 | Regular | NA | Yes | NA |
| 7 | Dr. A. Suchith Reddy | ANDPA3333Q | NA | Ph. D | NIT, Warangal | Construction Management | 12.06.2014 | 10.7 | Assistant Professor | Associate Professor | 20.05.2022 | Regular | NA | Yes | NA |
| 8 | Dr. G. Shravan Kumar | AWIPG5306R | NA | Ph. D | NIT, Warangal | Transportation Engineering | 17.07.2010 | 14.6 | Assistant Professor | Assistant Professor | NA | Regular | NA | Yes | NA |
| 9 | Sri.Ch. Sridhar | DOLPS1955E | NA | M.E | Beaumont, Texas, USA | Water Resources | 03.06.2013 | 11.8 | Assistant Professor | Assistant Professor | NA | Regular | NA | Yes | NA |

| | | | | | | | | | | | | | | | |
|----|---------------------------|------------|----|---------|-------------------|---|------------|------|---------------------|---------------------|----|---------|----|-----|------------|
| 10 | Sri. K. Srujan Varma | BDAPK8583J | NA | M.Tech | KU, Warangal | Structural & construction Engineering | 10.12.2012 | 12.1 | Assistant Professor | Assistant Professor | NA | Regular | NA | Yes | NA |
| 11 | Dr. N. Srikanth | AHEPN6021D | NA | Ph. D | JNTU, Hyderabad | Structural Engineering | 13.06.2013 | 11.7 | Assistant Professor | Assistant Professor | NA | Regular | NA | Yes | NA |
| 12 | Dr. Md. Shakeel Abid | BXNPM3233L | NA | Ph. D | NIT, Warangal | Geotechnical Engineering | 10.06.2014 | 10.7 | Assistant Professor | Assistant Professor | NA | Regular | NA | Yes | NA |
| 13 | Sri. B. Sai Laxman | BNDPB9711J | NA | M.E | AU, Visakhapatnam | Soil Mechanics and Foundation Engineering | 03.07.2015 | 9.7 | Assistant Professor | Assistant Professor | NA | Regular | NA | Yes | NA |
| 14 | Mrs. K. Santosh Bhargavi | CVJPK6244G | NA | M.E | AU, Visakhapatnam | Structural & Natural Disaster Management | 04.07.2015 | 9.7 | Assistant Professor | Assistant Professor | NA | Regular | NA | Yes | NA |
| 15 | Sri. A. Bhaskar | AIJPA4833G | NA | M. Tech | KU, Warangal | Structural & construction Engineering | 10.06.2013 | 11.7 | Assistant Professor | Assistant Professor | NA | Regular | NA | Yes | NA |
| 16 | Mrs. Sree Laxmi Pavani. N | AHFPC9193E | NA | M. Tech | JNTU, Hyderabad | Geomatics | 04.07.2016 | 8.7 | Assistant Professor | Assistant Professor | NA | Regular | NA | Yes | NA |
| 17 | Mrs. B. Sravanthi Reddy | BUYPB3322F | NA | M. Tech | JNTU, Hyderabad | Transportation Engineering | 09.07.2018 | 6.6 | Assistant Professor | Assistant Professor | NA | Regular | NA | Yes | NA |
| 18 | Ms. K. Manasa | CFKPM3145M | NA | M. Tech | JNTU, Hyderabad | Structural Engineering | 06.09.2018 | 6 | Assistant Professor | Assistant Professor | NA | Regular | NA | NO | 19.09.2024 |
| 19 | Smt. M. Sowjanya Lakshmi | BFYPM6388H | NA | M.E | OU, Hyderabad | Structural Engineering | 28.08.2023 | 1.5 | Assistant Professor | Assistant Professor | NA | Regular | NA | Yes | NA |
| 20 | Smt. S. Bhavani | EKEPS9084J | NA | M. Tech | KU, Warangal | Structural & construction Engineering | 28.08.2023 | 1.5 | Assistant Professor | Assistant Professor | NA | Regular | NA | Yes | NA |

| Academic Year (CAYm1)2023-24 | | | | | | | | | | | | | | | |
|-------------------------------------|---------------------------|------------|---------------------------|----------------|-----------------|--------------------------------------|-------------------------------------|---|---|---------------------|--|---|---|----------------------------|--|
| S.N. | Name of the Faculty | PAN No. | APAAR faculty ID*(if any) | Highest degree | University | Area of Specialization | Date of Joining in this Institution | Experience in years in current institute) | Designation at Time Joining in this Institution | Present Designation | The date on which Designated as/ professor /Associate/Professor if any | Nature of association (Regular Adhoc/ contract) | If contractual mention Full time or Part time | Currently Associated (Y/N) | date of leaving if any (In case currently associated "no") |
| 1 | Dr. M. Veera Reddy | AEZPM9551M | NA | Ph. D | JNTU, Hyderabad | Engineering Structures | 11.01.2002 | 22 | Assistant Professor | Professor | 01.04.2014 | Regular | NA | Yes | NA |
| 2 | Dr. L. Sudheer Reddy | ACSPL5993K | NA | Ph. D | JNTU, Hyderabad | Construction Technology & Management | 16.06.2003 | 20.4 | Assistant Professor | Professor | 12.06.2015 | Regular | NA | Yes | NA |
| 3 | Dr. M. Andal | AQKPM1591J | NA | Ph. D | JNTU, Hyderabad | Geotechnical Engineering | 30.09.2004 | 19.4 | Assistant Professor | Professor | 01.07.2017 | Regular | NA | Yes | NA |
| 4 | Dr. M. Srikanth | BHDPS5821A | NA | Ph. D | NIT, Warangal | Structural Engineering | 13.12.1999 | 24.1 | Assistant Professor | Professor | 16.07.2019 | Regular | NA | Yes | NA |
| 5 | Dr. D. HariKrishna | AJZPD0552C | NA | Ph. D | JNTU, Hyderabad | Structural Engineering | 16.06.2003 | 20.7 | Assistant Professor | Associate Professor | 01.07.2010 | Regular | NA | Yes | NA |
| 6 | Dr. S. Sunil Pratap Reddy | ARDPS7095M | NA | Ph. D | JNTU, Hyderabad | Structural Engineering | 02.08.2017 | 6.6 | Associate Professor | Associate Professor | 02.08.2017 | Regular | NA | Yes | NA |
| 7 | Dr. A. Suchith Reddy | ANDPA3333Q | NA | Ph. D | NIT, Warangal | Construction Management | 12.06.2014 | 9.7 | Assistant Professor | Associate Professor | 20.05.2022 | Regular | NA | Yes | NA |
| 8 | Dr B. Sumanth Kumar | AHGPB4845F | NA | Ph. D | NIT, Warangal | Structural Engineering | 16.11.2016 | 7.3 | Assistant Professor | Associate Professor | 20.05.2022 | Regular | NA | No | 01.03.2024 |
| 9 | Dr. G. Shravan Kumar | AWIPG5306R | NA | Ph. D | NIT, Warangal | Transportation Engineering | 17.07.2010 | 13.6 | Assistant Professor | Assistant Professor | NA | Regular | NA | Yes | NA |

| | | | | | | | | | | | | | | | |
|----|---------------------------|------------|----|---------|----------------------|---|------------|------|---------------------|---------------------|----|---------|----|-----|------------|
| | | | | | | | | | or | | | | | | |
| 10 | Sri.Ch. Sridhar | DOLPS1955E | NA | M.E | Beaumont, Texas, USA | Water Resources | 03.06.2013 | 10.8 | Assistant Professor | Assistant Professor | NA | Regular | NA | Yes | NA |
| 11 | Sri. K. Srujan Varma | BDAPK8583J | NA | M. Tech | KU, Warangal | Structural & construction Engineering | 10.12.2012 | 11.1 | Assistant Professor | Assistant Professor | NA | Regular | NA | Yes | NA |
| 12 | Dr. N. Srikanth | AHEPN6021D | NA | Ph. D | JNTU, Hyderabad | Structural Engineering | 13.06.2013 | 10.7 | Assistant Professor | Assistant Professor | NA | Regular | NA | Yes | NA |
| 13 | Dr. Md. Shakeel Abid | BXNPM3233L | NA | Ph. D | NIT, Warangal | Geotechnical Engineering | 10.06.2014 | 9.7 | Assistant Professor | Assistant Professor | NA | Regular | NA | Yes | NA |
| 14 | Sri. B. Sai Laxman | BNDPB9711J | NA | M.E | AU, Visakhapatnam | Soil Mechanics and Foundation Engineering | 03.07.2015 | 8.7 | Assistant Professor | Assistant Professor | NA | Regular | NA | Yes | NA |
| 15 | Mrs. K. Santosh Bhargavi | CVJPK6244G | NA | M.E | AU, Visakhapatnam | Structural & Natural Disaster Management | 04.07.2015 | 8.7 | Assistant Professor | Assistant Professor | NA | Regular | NA | Yes | NA |
| 16 | Sri. A. Bhaskar | AIJPA4833G | NA | M. Tech | KU, Warangal | Structural & construction Engineering | 10.06.2013 | 10.7 | Assistant Professor | Assistant Professor | NA | Regular | NA | Yes | NA |
| 17 | Mrs. Sree Laxmi Pavani. N | AHFPC9193E | NA | M. Tech | JNTU, Hyderabad | Geomatics | 04.07.2016 | 7.7 | Assistant Professor | Assistant Professor | NA | Regular | NA | Yes | NA |
| 18 | Sri. P. Teja Abhilash | BISPP3882J | NA | M. Tech | BISPP3882J | Transportation Engineering | 07.07.2018 | 5.6 | Assistant Professor | Assistant Professor | NA | Regular | NA | NO | 06.04.2024 |
| 19 | Mrs. B. Sravanthi Reddy | BUYPB3322F | NA | M. Tech | JNTU, Hyderabad | Transportation Engineering | 09.07.2018 | 5.6 | Assistant Professor | Assistant Professor | NA | Regular | NA | Yes | NA |
| 20 | Ms. K. Manasa | CFKPM3145M | NA | M. Tech | JNTU, Hyderabad | Structural Engineering | 06.09.2018 | 5 | Assistant Professor | Assistant Professor | NA | Regular | NA | Yes | NA |

| | | | | | | | | | | | | | | | |
|----|--------------------------|------------|----|---------|--------------------|---------------------------------------|------------|-----|---------------------|---------------------|----|---------|----|-----|------------|
| 21 | Sri. G. Sankeerth | DKZPG7322K | NA | M.Tech | Osmania University | Structural Engineering | 21.07.2022 | 1.1 | Assistant Professor | Assistant Professor | NA | Regular | NA | NO | 31.08.2023 |
| 22 | Dr. N. Ganghadhara Reddy | ARHPN0308E | NA | Ph. D | IIT Bhuvaneshwar | Geotechnical Engineering | 29.08.2020 | 3.7 | Assistant Professor | Assistant Professor | NA | Regular | NA | NO | 06.04.2024 |
| 23 | Smt. M. Sowjanya Lakshmi | BFYPM6388H | NA | M.E | OU, Hyderabad | Structural Engineering | 28.08.2023 | 0.5 | Assistant Professor | Assistant Professor | NA | Regular | NA | Yes | NA |
| 24 | Smt. S. Bhavani | EKEPS9084J | NA | M. Tech | KU, Warangal | Structural & construction Engineering | 28.08.2023 | 0.5 | Assistant Professor | Assistant Professor | NA | Regular | NA | Yes | NA |

Academic Year (CAYm2) 2022-23

| S.N. | Name of the Faculty | PAN No. | APAAR faculty ID*(if any) | Highest degree | University | Area of Specialization | Date of Joining in this Institution | Experience in years in current institute) | Designation at Time Joining in this Institution | Present Designation | The date on which Designated as/ professor /Associate/Professor if any | Nature of association (Regular Adhoc/ contract) | If contractual mention Full time or Part time | Currently Associated (Y/N) | date of leaving if any (In case currently associated "no") |
|------|---------------------------|------------|---------------------------|----------------|-----------------|--------------------------------------|-------------------------------------|---|---|---------------------|--|---|---|----------------------------|--|
| 1 | Dr. M. Veera Reddy | AEZPM9551M | NA | Ph. D | JNTU, Hyderabad | Engineering Structures | 11.01.2002 | 21 | Assistant Professor | Professor | 01.04.2014 | Regular | N A | Ye s | NA |
| 2 | Dr. L. Sudheer Reddy | ACSPL5993K | NA | Ph. D | JNTU, Hyderabad | Construction Technology & Management | 16.06.2003 | 19.4 | Assistant Professor | Professor | 12.06.2015 | Regular | N A | Ye s | NA |
| 3 | Dr. M. Andal | AQKPM1591J | NA | Ph. D | JNTU, Hyderabad | Geotechnical Engineering | 30.09.2004 | 18.4 | Assistant Professor | Professor | 01.07.2017 | Regular | N A | Ye s | NA |
| 4 | Dr. M. Srikanth | BHDP55821A | NA | Ph. D | NIT, Warangal | Structural Engineering | 13.12.1999 | 23.1 | Assistant Professor | Professor | 16.07.2019 | Regular | N A | Ye s | NA |
| 5 | Dr. D. Hari Krishna | AJZPD0552C | NA | Ph. D | JNTU, Hyderabad | Structural Engineering | 16.06.2003 | 19.7 | Assistant Professor | Associate Professor | 01.07.2010 | Regular | N A | Ye s | NA |
| 6 | Dr. S. Sunil Pratap Reddy | ARDPS7095M | NA | Ph. D | JNTU, Hyderabad | Structural Engineering | 02.08.2017 | 5.6 | Associate Professor | Associate Professor | 02.08.2017 | Regular | N A | Ye s | NA |
| 7 | Dr. A. Suchith Reddy | ANDPA3333Q | NA | Ph. D | NIT, Warangal | Construction Management | 12.06.2014 | 8.7 | Assistant Professor | Associate Professor | 20.05.2022 | Regular | N A | Ye s | NA |
| 8 | Dr B. Sumanth Kumar | AHGPB4845F | NA | Ph. D | NIT, Warangal | Structural Engineering | 16.11.2016 | 6.3 | Assistant Professor | Associate Professor | 20.05.2022 | Regular | N A | Ye s | NA |
| 9 | Dr. G. Shravan Kumar | AWIPG5306R | NA | Ph. D | NIT, Warangal | Transportation Engineering | 17.07.2010 | 12.6 | Assistant Professor | Assistant Professor | NA | Regular | N A | Ye s | NA |

| | | | | | | | | | | | | | | | |
|----|---------------------------|------------|----|---------|----------------------|---|-------------|------|---------------------|---------------------|----|---------|--------|---------|------------|
| 10 | Sri.Ch. Sridhar | DOLPS1955E | NA | M.E | Beaumont, Texas, USA | Water Resources | 03.06.2013 | 9.8 | Assistant Professor | Assistant Professor | NA | Regular | N A | Ye s | NA |
| 11 | Sri. K. Srujan Varma | BDAPK8583J | NA | M. Tech | KU, Warangal | Structural & construction Engineering | 10.12.2012 | 10.1 | Assistant Professor | Assistant Professor | NA | Regular | N A | Ye s | NA |
| 12 | Dr. N. Srikanth | AHEPN6021D | NA | Ph. D | JNTU, Hyderabad | Structural Engineering | 13.06.2013 | 9.7 | Assistant Professor | Assistant Professor | NA | Regular | N A | Ye s | NA |
| 13 | Sri. Md. Shakeel Abid | BXNPM3233L | NA | M. Tech | NIT, Warangal | Geotechnical Engineering | 10.06.2014 | 8.7 | Assistant Professor | Assistant Professor | NA | Regular | N A | Ye s | NA |
| 14 | Sri. B. Sai Laxman | BNDPB9711J | NA | M.E | AU, Visakhapatnam | Soil Mechanics and Foundation Engineering | 03.07.2015 | 7.7 | Assistant Professor | Assistant Professor | NA | Regular | N A | Ye s | NA |
| 15 | Mrs. K. Santosh Bhargavi | CVJPK6244G | NA | M.E | AU, Visakhapatnam | Structural & Natural Disaster Management | 04.07.2015 | 7.7 | Assistant Professor | Assistant Professor | NA | Regular | N A | Ye s | NA |
| 16 | Sri. A. Bhaskar | AJJPA4833G | NA | M. Tech | KU, Warangal | Structural & construction Engineering | 10.06.2013 | 9.7 | Assistant Professor | Assistant Professor | NA | Regular | N A | Ye s | NA |
| 17 | Dr. D. Abhigna | AXVPD8959P | NA | Ph. D | NIT Warangal | Transportation Engineering | 10.07.2019 | 3.1 | Assistant Professor | Assistant Professor | NA | Regular | N A | No | 17.08.2022 |
| 18 | Mrs. Sree Laxmi Pavani. N | AHFPC9193E | NA | M. Tech | JNTU, Hyderabad | Geomatics | 04.07.2016 | 6.7 | Assistant Professor | Assistant Professor | NA | Regular | N A | Ye s | NA |
| 19 | Sri. P. Teja Abhilash | BISPP3882J | NA | M. Tech | BISPP3882J | Transportation Engineering | 07.07.2018 | 4.6 | Assistant Professor | Assistant Professor | NA | Regular | N A | Ye s | NA |
| 20 | Mrs. B. Sravanthi Reddy | BUYPB3322F | NA | M. Tech | JNTU, Hyderabad | Transportation Engineering | 09.07.2018 | 4.6 | Assistant Professor | Assistant Professor | NA | Regular | N A | Ye s | NA |
| 21 | Ms. K. Manasa | CFKPM3145M | NA | M. Tech | JNTU, Hyderabad | Structural Engineering | 06.09.2018 | 4 | Assistant Professor | Assistant Professor | NA | Regular | N A | Ye s | NA |
| 22 | Sri S. Raja Shekhar | FFJPS3971H | NA | M. Tech | Kakatiya University | Structural Engineering | 11.07.20219 | 3.1 | Assistant Professor | Assistant Professor | NA | Regular | N A | N O | 22.05.2023 |
| 23 | Sri B. Srikanth | BSKPB6920M | NA | M. Tech | JNTU, Hyderabad | Geotechnical Engineering | 20.01.2020 | 2.8 | Assistant Professor | Assistant Professor | NA | Regular | N A | N O | 04.10.2022 |
| 24 | Dr. N. Gangadhara Reddy | ARHPN0308E | NA | Ph. D | IIT Bhuvaneshwar | Geotechnical Engineering | 29.08.2020 | 2.7 | Assistant Professor | Assistant Professor | NA | Regular | N A | Ye s | NA |
| 25 | Dr. M. B. Sushma | DCFPS9648Q | NA | Ph. D | IIT Bombay | Transportation Engineering | 20.08.2020 | 2.7 | Assistant Professor | Assistant Professor | NA | Regular | N A | N O | 31.05.2023 |

| | | | | | | | | | | | | | | | |
|----|-----------------------|------------|----|---------|--------------------|--------------------------------------|------------|-----|---------------------|---------------------|----|---------|-----|-----|------------|
| 26 | Sri. G. Sankeerth | DKZPG7322K | NA | M. Tech | Osmania University | Structural Engineering | 21.07.2022 | 0.1 | Assistant Professor | Assistant Professor | NA | Regular | N A | Yes | NA |
| 27 | Sri. M. Shiva Shankar | COGPM7304K | NA | M. Tech | NIT Roorkela | Water Resources Engineering | 29.07.2022 | 0.6 | Assistant Professor | Assistant Professor | NA | Regular | N A | N O | 17.02.2023 |
| 28 | Sri. S. Ashok | EKPPS2290F | NA | M. Tech | IIT Kharagpur | Environmental Engineering Management | 04.08.2022 | 0.5 | Assistant Professor | Assistant Professor | NA | Regular | N A | N O | 31.05.2023 |
| 29 | Dr. J. Jithender | BADPJ9932J | NA | Ph. D | NIT Warangal | Transportation Engineering | 23.09.2022 | 0.8 | Assistant Professor | Assistant Professor | NA | Regular | N A | N O | 31.05.2023 |
| 30 | Sri. B. Sagar | CHOPB8987Q | NA | M. Tech | NIT Calicut | Structural Engineering | 05.09.2022 | 0.3 | Assistant Professor | Assistant Professor | NA | Regular | N A | N O | 31.12.2022 |

Student-Faculty Ratio (SFR)

C2: No. of UG(Engineering) programs in Department including allied departments/ clusters
Table No.C2.1: Student-faculty ratio.

| Year | CAY(2024-25) | CAYm1(2023-24) | CAYm2(2022-23) |
|---|--------------|----------------|----------------|
| UG1. B | 60+6 | 60+6 | 120+12 |
| UG1. C | 60+6 | 120+12 | 120+12 |
| UG1. D | 120+12 | 120+12 | 120+12 |
| Total | 264 | 330 | 396 |
| PG1. A | 12 | 24 | 24 |
| PG1. B | 24 | 24 | 30 |
| Total | 36 | 48 | 54 |
| DS=Total no. of students in all UG and PG programs in the Department | 300 | 378 | 450 |
| AS=Total no. of students of all UG and PG programs in allied departments | | | |
| S=Total no. of students in the Department (DS) and allied departments (AS) | 300 | 378 | 450 |
| DF=Total no. of faculty members in the Department | | | |
| AF= Total no. of faculty members in the allied Departments | | | |
| F=Total no. of faculty members in the Department (DF) and allied Departments (AF) | 19+0 | 20+0 | 25+0 |
| FF=The faculty members in F who have a 100% teaching load in the first-year courses | 2 | 2 | 2 |
| Student Faculty Ratio (SFR)=S/(F-FF) | 17.65 | 21.00 | 19.57 |
| Average SFR for 3 years | 19.41 | | |

C3: Faculty Qualification

- ❖ Faculty qualification index (FQI) = $2.5 * [(10X + 4Y)/RF]$ where
 - X=No. of faculty members with Ph.D. degree or equivalent as per AICTE/UGC norms.
 - Y=No. of faculty members with M. Tech. or ME degree or equivalent as per AICTE/ UGC norms.
 - RF=No. of required faculty in the Department including allied Departments to adhere to the 20:1 Student-Faculty ratio, with calculations based on both student numbers and faculty requirements as per section C2 of this documents: (RF=S/20).

Table No.C3.1: Faculty qualification.

| Year | X | Y | RF | FQI= $2.5 * [(10X + 4Y)/RF]$ |
|--------------------|----|---|----|------------------------------|
| CAY | 10 | 7 | 15 | 21.33 |
| CAYm1 | 10 | 8 | 19 | 17.37 |
| CAYm2 | 14 | 9 | 23 | 19.13 |
| Average Assessment | | | | 19.28 |

C4: Faculty Cadre Proportion

- ❖ Faculty Cadre Proportion is 1(RF1): 2(RF2): 6(RF3)
 - RF1= No. of Professors required = $1/9 * \text{No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per C2 of this documents:}$
 - RF2= No. of Associate Professors required = $2/9 * \text{No. of Faculty required to comply with 20:1 Student- Faculty ratio based on no. of students (S) as per section C2 of this documents:}$
 - RF3= No. of Assistant Professors required = $6/9 * \text{No. of Faculty required to comply with 20:1 Student- Faculty ratio based on no. of students (S) as per section C2 of this documents:}$
- ❖ Faculty cadre and qualification and experience should be as per AICTE/UGC norms.

Table No.C4.1: Faculty cadre proportion details.

| Year | Professors | | Associate Professors | | Assistant Professors | |
|-----------------|-----------------------|------------------------|-----------------------|------------------------|-----------------------|------------------------|
| | Required Faculty(RF1) | Available Faculty(AF1) | Required Faculty(RF2) | Available Faculty(AF2) | Required Faculty(RF3) | Available Faculty(AF3) |
| CAY | 2 | 4 | 3 | 3 | 10 | 10 |
| CAYm1 | 2 | 4 | 4 | 3 | 13 | 11 |
| CAYm2 | 3 | 4 | 5 | 4 | 15 | 15 |
| Average Numbers | RF1=2.33 | AF1=4 | RF2=4 | AF2=3.33 | RF3=12.66 | AF3=12 |

C5: Visiting/Adjunct Faculty/Professor of Practice**Table No. C5.1: List of visiting/adjunct faculty/professor of practice and their teaching and practical loads.**

| S.N. | Name of the Person | Designation & Organization | Name of the Course | No. of hours handled |
|-----------------------|----------------------------|--|---|----------------------|
| CAYm1(2023-24) | | | | |
| 1. | Sri. Girish Kumar Gopiseti | Chief Manager, Designs Irrigation NCC Limited Madapur Hyderabad 500081 INDIA | U18CE603B Ground improvement Techniques | 24 |
| 2. | Balakrishna | Executive Engineer, Polavaram | U18CE505: | 36 |

| | | | | |
|----------------------------|-----------------------|--|--|------------|
| | Murthy Katuri | Irrigation Project Head Works Division No.2. Polavaram Cell: 7013526558 Email: bkmurthyk69@gmail.com | Soil Mechanics | |
| 3. | Sri TVG Reddy, | former General Manager (Level-13) in National Council for Cement and Building Materials (NCCBM), | U18CE502A: Advanced Concrete Technology | 36 |
| Total no. of hours: | | | | 96 |
| CAYm2(2022-23) | | | | |
| 1. | Sri Arnab Sen | Engineer-Bridge, Mott Macdonald GDI, 5/6th Floor, Logix Techno Park Tower C, Plot 5, Sector 127, Noida Uttar Pradesh India - 201301 | U18CE606: Construction Management and Equipment | 40 |
| 2. | Sri P.V. Ramakumar | Senior Design Engineer, Asritha's Group, Hyderabad Cell: 9849215104 Email: ramakumar.ce@gmail.com | U18CE506 Design of Steel Structures | 36 |
| Total no. of hours: | | | | 76 |
| CAYm3(2021-22) | | | | |
| NIL | | | | |
| Total no. of hours: | | | | NIL |

C6: Academic Research

Table No. C6.1: Faculty publication details.

| S.N. | Item | CAYm1 | CAYm2 | CAYm3 |
|------|--|-------|-------|-------|
| 1 | No. of peer reviewed journal papers published | 10 | 22 | 18 |
| 2 | No. of peer reviewed conference papers published | 03 | 07 | 01 |
| 3 | No. of books/book chapters published | 06 | 02 | 11 |

C7: Sponsored Research Project

Table No. C7.1: List of sponsored research projects received from external agencies.

| S.N. | PI name | Co-PI names if any | Name of the Dept., where project is sanctioned | Project title* | Name of the Funding agency | Duration of the project | Amount (Lacs) |
|-----------------------|---------|--------------------|--|----------------|----------------------------|-------------------------|---------------|
| CAYm1(2023-24) | | | | | | | |
| Nil | | | | | | | |
| Amount received (Rs.) | | | | | | | |

| | |
|--|--|
| CAYm2(2022-23) | |
| Nil | |
| Amount received (Rs.) | |
| CAYm3(2021-22) | |
| Nil | |
| Amount received (Rs.) | |
| Total Amount (Lacs) Received for the Past 3 Years | |

C8: Consultancy Work

Table No. C8.1: List of consultancy projects received from external agencies.

| S.N . | PI name | Co-PI names if any | Name of the Dept., where project is sanctioned | Project title* | Name of the Funding agency | Duration of the project | Amount (Lacs) |
|--|----------------|---------------------------|---|---|--------------------------------------|--------------------------------|----------------------|
| CAYm1(2023-24) | | | | | | | |
| 1 | Faculty, CED | | Department of Civil Engineering | Designing and vetting of civil engineering structures | Government and Private Organizations | 2023-24 | 7.83 |
| Amount received (Rs.) | | | | | | | 7.83 |
| CAYm2(2022-23) | | | | | | | |
| 1 | Faculty, CED | | Department of Civil Engineering | Designing and vetting of civil engineering structures | Government and Private Organizations | 2022-23 | 5.65 |
| Amount received (Rs.) | | | | | | | 5.65 |
| CAYm3(2021-22) | | | | | | | |
| 1 | Faculty, CED | | Department of Civil Engineering | Designing and vetting of civil engineering structures | Government and Private Organizations | 2021-22 | 4.53 |
| Amount received (Rs.) | | | | | | | 4.53 |
| Total amount (Lacs) received for the past 3 years | | | | | | | 18.01 |

C9: Institution Seed Money or Internal Research Grant to its Faculty for Research Work Table No. C9.1:

List of faculty members received seed money or internal research grant from the Institution.

| S.N. | Faculty name | Project title/ Support for Activity | Duration | Amount (Lacs) | Amount Utilized (Lacs) | Outcomes of the project |
|--|----------------------|--|----------------------|------------------|------------------------------|-------------------------------|
| CAYm1 | | | | | | |
| NIL | | | | | | |
| Amount received (Rs.) | | | | | NIL | |
| CAYm2 | | | | | | |
| Nil | | | | | | |
| Amount received (Rs.) | | | | | NIL | |
| CAYm3 | | | | | | |
| 1 | Dr. Md. Shakeel Abid | Optimization of sustainable polymeric materials for a composite ground modification system to support buildings and road embankments at Warangal, Telangana state. | Nov 2019 to Nov 2022 | 2.63 | 2.63 | |
| Amount received (Rs. In Lacs) | | | | | 2.63 | |
| Total amount (Lacs) received for the past 3 years | | | | | 2.63 | |

PART-D: Laboratory Infrastructure in the Department

(Data to be filled in for the Department).

D1: Adequate and Well-Equipped Laboratories, and Technical Manpower Table**No.D1.1:** List of laboratories and technical manpower.

| S.No. | Name of the Laboratory | No. of students per setup (Batch Size) | Name of the major equipment | Weekly utilization status(all the Courses for which the lab is utilized) (One Session=1 50 Minutes) | Technical Manpower support | | |
|-------|--|--|--|---|---|------------------------------------|--|
| | | | | | Name of the technical staff | Designation | Qualification |
| 1 | Concrete Technology Laboratory | 4 | 200 Ton Compression testing machine, Hot air oven, | III Sem 2 sessions per week | Md.Azeem Pasha; P.Harish; D.Nagaraju | Laboratory Mechanic/ Instructor | Md. Azeem Pasha, B.Tech; P. Harish,DCE; D.Nagaraju, M.Tech |
| 2 | Surveying Stores/ Laboratory | 4 | Total station, Theodolites, Auto Levels | III Sem 2 sessions per week; IV Sem 2 sessions per week | V.Ashok; D.Nagaraju ; Md.Azeem Pasha | Laboratory Mechanic/ Instructor | V. Ashok,ITI; D.Nagaraju, M.Tech; Md.AzeemPasha, B.Tech |
| 3 | Material Testing Laboratory | 4 | 40 Ton UTM, Pendulum impact testing machine, Brinell's hardness test | III Sem 2 sessions per week | V.Ashok | Laboratory Mechanic/ Instructor | V. Ashok,ITI |
| 4 | Fluid Mechanics &Hydraulic Machines Laboratory | 4 | Venturi flume, Francis Turbine, Pelton Turbine | IV Sem 2sessions per week | Md.Azeem Pasha; P.Harish; D.Nagaraju | Laboratory Mechanic/ Instructor | Md. Azeem Pasha, B.Tech; P. Harish, DCE; D.Nagaraju,M.Tech |
| 5 | Engineering Geology Laboratory | 4 | Rock Samples, Mineral samples, Electrical resistivity test setup | IV Sem 2 sessions per week | D.Nagaraju | Laboratory Mechanic/ Instructor | D.Nagaraju,M.Tech |

| | | | | | | | |
|---|--------------------------------------|---|--|--|---|---------------------------------------|---|
| 6 | Environmental Engineering Laboratory | 4 | COD Digestor, Conductivity meter, Turbidity meter | V Sem 2 sessions per week | V.Ashok; D.Nagaraju ; Md.Azeem Pasha | Laboratory Mechanic/ Instructor | V. Ashok,ITI; D.Nagaraju,M.Tech; Md.AzeemPasha, B.Tech |
| 7 | Geotechnical Engineering Laboratory | 4 | Standard penetration test, unconfined compressive strength test, Direct shear test | V Sem 2 sessions per week | P.Harish; V.Ashok | Laboratory Mechanic/ Instructor | P. Harish,DCE; V. Ashok,ITI |
| 8 | Highway Engineering Laboratory | 4 | Marshall stability testing machine, Ductility test, softening point test, penetrometer, Los Angeles abrasion testing machine | VII Sem 4 sessions per week | V.Ashok; D.Nagaraju ; P.Harish | Laboratory Mechanic/ Instructor | V. Ashok,ITI; D.Nagaraju,M.Tech; P. Harish,DCE |
| 9 | Civil CAD Laboratory | 1 | Autodesk CAD software, Bentley software for structural analysis and design STAAD Pro | V Sem 2 sessions per week; VII Sem 4 sessions per week; VIII Sem 4 sessions per week; Project Work | Md.Azeem Pasha; P.Harish; D.Nagaraju ; V. Ashok | Laboratory Mechanic/ Instructor | V. Ashok,ITI; D.Nagaraju,M.Tech; Md. AzeemPasha,B.Tech; P. Harish,DCE |

| | | | | | | | |
|----|-----------------------------------|---|---|--|-----------------------------------|---------------------------------|--|
| 10 | Structural Engineering Laboratory | 4 | Concrete permeability apparatus, Ultra-Sonic Pulse Velocity Testing Apparatus, Rebound hammer | VII & VIII semester Project works 4 sessions | Md.Azeem Pasha; P.Harish; V.Ashok | Laboratory Mechanic/ Instructor | Md.AzeemPasha, B.Tech; P. Harish,DCE; V. Ashok,ITI |
|----|-----------------------------------|---|---|--|-----------------------------------|---------------------------------|--|

D2: `Safety Measures in Laboratories**Table No. D2.1:** List of various safety measures in laboratories.

| Name of the Laboratory | Safety measures |
|---|---|
| 1. Concrete Technology Laboratory 2. Structural Engineering Laboratory 3. Geotechnical Engineering Laboratory 4. Material Testing Laboratory 5. Structural Analysis Laboratory 6. Highway Engineering Laboratory 7. Surveying Laboratory 8. Fluid Mechanics and Hydraulic Machines Laboratory 9. Engineering Geology Laboratory 10.Environmental Engineering Laboratory 11.Civil CAD Laboratory | <ul style="list-style-type: none"> • Good housekeeping, using the right tools for the right jobs • Avoiding hazards with fire extinguishers and safety alarms • Wearing proper footwear with skid resistance and gloves • Keeping the lab area clean • Avoiding bulky, loose or trailing clothes and long loose hair. • Remove metal bracelets or watchstraps • Aprons for the students • First aid kits • Emergency power off |

D3: Project Laboratory/Research Laboratory

Project for U.G students are carried in different specializations like

- Structural Engineering,
- Geotechnical Engineering,
- Transportation Engineering,
- Water resources Engineering,
- Environmental Engineering and
- Constructional Engineering.

Various equipment's are available and materials are provided beyond the Laboratory apparatus, for the projects of the students under the guidance and supervision of teaching and non-teaching staff. The following are the details of facilities and their utilization of each lab.

Table No. D3.1: List of project laboratory/research laboratory /Centre of Excellence.

| S.No | Name of the Laboratory | Facilities | Utilization |
|------|-------------------------------------|---|---|
| 1. | Concrete Technology Laboratory | In addition to all the apparatus used for the experiments in lab the following equipment are specially provided for the projects 1. 100T loading frame with data acquisition system oven 3. 300 Ton Compression testing machine 4. L-Box testing equipment 5. V-funnel testing equipment 6. Flow test equipment 7.Rapid Chloride Permeability Test (RCPT) | This laboratory is utilized to perform various tests on cement, aggregates (fine and coarse) of all the grades and sizes, behavior & performance of concrete. |
| 2. | Geotechnical Engineering Laboratory | In addition to all the apparatus used for the experiments in lab the following equipment are specially provided for the projects 1. Thickness test apparatus 2. Puncture shear test 3. Tensile strength test set up 4. Permeability test setup for geotextile | This lab is utilized to determine index and Engineering properties of soil specimens. Geotextile testing is also carried out in addition to soil for research and project works |

| | | | |
|----|--------------------------------------|---|--|
| | | 5. Vane shear test setup 6. Auto compactor set up 7. Permeability test of soil 8. 3-Gang Consolidation | |
| 3. | Environmental Engineering Laboratory | In addition to All the apparatus used for the experiments in lab the following equipment are specially provided for the projects 1. BOD incubator 2. COD equipment 3. Spectrophotometer 4. P ^H meter | This laboratory is utilized to perform water quality assessment tests, BOD, COD and DO. |
| 4. | Civil CAD laboratory | <i>Bentley software</i> <ul style="list-style-type: none"> • STAAD Foundation Advanced • Water Gems • MX Roads | This laboratory is utilized for analysis and design of various components related to structures, transportation and water resources. |

PART E: First Year faculty and financial Resources.

(Data to be filled in for the first year course faculty and budget allocation and utilization)

E1: First Year Student-Faculty Ratio (FYSFR)**Table No. E1.1:** FYSFR details.

| Year | Sanctioned intake of all UG programs (S4) | No. of required faculty (RF4= S4/20) | No. of faculty members in Basic Science Courses & Humanities and Social Sciences including Management courses (NS1) | No. of faculty members in Engineering Science Courses (NS2) | Percentage= No. of faculty members ((NS1*0.8) +(NS2*0.2))/(No. of required faculty (RF4)); Percentage=((NS1*0.8) +(NS2*0.2))/RF |
|---|---|--------------------------------------|---|---|---|
| 2025-26 No. 357/CDC/K U/2025 & 27-10-2025 | 1320 | 66 | 44 | 228 | $((44*0.8) + (228*0.2))/66$ =100% |
| 2024-25 (CAY) No. 388/CDC/K U/2024 & 04-12-2024 | 1320 | 66 | 35 | 190 | $((35*0.8) + (190*0.2))/66$ =100% |
| 2023-24 (CAYm1) No. 850/CDC/K U/2023 & 29-08-2023 | 1140 | 57 | 36 | 141 | $((36*0.8) + (141*0.2))/57$ =100% |
| 2022-23 (CAYm2) No. 239/CDC/K U/2022 & 03-12-2022 | 1080 | 54 | 36 | 126 | $((36*0.8) + (126*0.2))/54$ =100% |
| Average Percentage | | | | | 100% |

E2: Budget Allocation, Utilization, and Public Accounting at Institute Level**Table No. E2.1:** Budget and actual expenditure incurred at Institute level.

| | Budgeted in 2025-26 | Actual Expenses in 2025-26 Till date | Budgeted in 2024-25 (CAY) | Actual Expenses in 2024-25 (CAY) | Budgeted in 2023-24 (CAYm1) | Actual Expenses in 2023-24 (CAYm1) | Budgeted in 2022-23 (CAYm2) | Actual Expenses in 2022-23 (CAYm2) |
|---|--------------------------------|---|--|---|--|---|--|---|
| Infrastructure Built-Up | 43,700,000.00 | 41,067,527.00 | 63,120,127.00 | 48,722,100.00 | 136,000,000.00 | 101,313,650.00 | 55,700,000.00 | 115,181,569.00 |
| Library | 4,300,000.00 | 735,277.00 | 3,700,000.00 | 3,202,583.00 | 3,750,000.00 | 3,854,410.00 | 4,800,000.00 | 3,353,637.00 |
| Laboratory equipment | 22,678,000.00 | 13,878,923.00 | 43,245,173.00 | 38,709,323.00 | 48,425,680.00 | 7,703,684.00 | 34,850,000.00 | 65,396,110.00 |
| Teaching and non-teaching staff salary | 503,202,400.00 | 299,503,249.00 | 581,710,000.00 | 408,009,934.00 | 431,934,200.00 | 429,223,741.00 | 420,400,000.00 | 374,081,427.00 |
| Outreach Programs | 13,380,000.00 | 6,127,840.00 | 13,375,000.00 | 11,608,470.00 | 11,658,000.00 | 15,847,400.00 | 6,350,000.00 | 15,944,142.00 |
| R&D | 6,050,000.00 | 3,810,460.00 | 6,050,000.00 | 3,387,156.00 | 9,250,000.00 | 8,925,597.00 | 3,950,000.00 | 4,846,628.00 |
| Training and Travel/ Industrial traning, Industry expert , Intership | 14,580,000.00 | 6,750,274.00 | 12,175,000.00 | 5,498,937.00 | 1,650,000.00 | 8,738,540.00 | 1,250,000.00 | 7,990,517.00 |
| SDGs | 27,814,565.00 | 19,815,140.00 | 27,875,000.00 | 26,348,596.00 | 21,768,000.00 | 24,423,840.00 | 18,550,000.00 | 21,161,954.00 |
| Entrepreneurship | 825,000.00 | 412,620.00 | 425,000.00 | 424,386.00 | 850,000.00 | 657,771.00 | 250,000.00 | 153,292.00 |
| Others, specify | 169,054,660.00 | 6,183,348.00 | 113,110,200.00 | 45,069,558.00 | 150,639,860.00 | 47,250,397.00 | 38,850,000.00 | 33,527,104.00 |
| Total | 805,584,625.00 | 398,284,658.00 | 864,785,500.00 | 590,981,043.00 | 815,925,740.00 | 647,939,030.00 | 584,950,000.00 | 641,636,380.00 |

E3: Budget Allocation, Utilization, and Public Accounting at Program Specific Level Table No.

E3.1: Budget and actual expenditure incurred at program level.

| Items | Budgeted in CFY 2024-25 | Actual expenses in CFY 2024-25 | Budgeted in CFY _{m1} 2023-24 | Actual Expenses in CFY _{m1} 2023-24 | Budgeted in CFY _{m2} 2022-23 | Actual Expenses in CFY _{m2} 2022-23 | Budgeted in CFY _{m3} 2021-22 | Actual Expenses in CFY _{m3} 2021-22 |
|--|-------------------------------|--------------------------------------|---|---|---|---|---|---|
| Laboratory equipment | 29,19,028.00 | 1,53,804.00 | 18,61,000.00 | 8,58,458.00 | 23,12,772.00 | 31,14,832.10 | 18,27,000.00 | 12,51,205.00 |
| Software | | | | 1,39,608.00 | | 4,22,208.00 | | |
| SDGs | | | | | | | | |
| Support for faculty development | | | | | | | | |
| R & D | 5,40,000.00 | | 5,35,000.00 | | 3,00,000.00 | 60,000.00 | 4,50,000.00 | 20,000.00 |
| Industrial Training, Industry expert, Internship | | 5,000.00 | | | | | | |
| Miscellaneous expenses * | | 144228.00 | | 55,111.00 | | 241839.00 | | 53,414.00 |
| Total amount | 34,59,028.00 | 3,03,032.00 | 23,96,000.00 | 11,13,177.00 | 26,12,772.00 | 37,78,879.10 | 22,77,000.00 | 1324619.00 |