ISO 9001:2015 AICTE-CII: GOLD Category Institute NAAC-'A' Grade Institute (CGPA: 3.21) NIRF-2021 Rank : 197

KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE
Opp : Yerragattu Gutta, Hasanparthy (Mandal), WARANGAL - 506 015, Telangana, INDIA.
काकतीय प्रैद्योगिकी एवं विज्ञान संस्थान, वरंगल - ५०६ ०१५ तेलंगाना, भारत
కాకతీయ సాంకేతిక విజ్ఞాన శాస్త్ర విద్యాలయం, వరంగల్ - ౫౦౬ ౦౧౫ తెలంగాణ, భారతదేశం
(An Autonomous Institute under Kakatiya University, Warangal)
(Approved by AICTE, New Delhi; Recognised by UGC under 2(f) & 12(B); Sponsored by EKASILA EDUCATION SOCIETY)
website: www.kitsw.ac.in E-mail: principal@kitsw.ac.in : +91 9392055211, +91 7382564888

Department of Civil Engineering

WELCOME

CHAIRMAN AND MEMBERS OF EXPERT COMMITTEE

National Assessment & Accreditation Council (NAAC)

Date: 18th -19th March 2024

Presented

By

Prof. M.Andal

Head of Civil Engineering Department,

KITS, Warangal

Vision of the Department

To become a leading centre of excellence in producing quality human resource in Civil Engineering by developing a sustainable technical education system to meet the changing technological needs of the Country. The Department will make significant contributions to the economic development of the state, region and nation.

Mission of the Department

1.	To produce outstanding Civil Engineering graduates with highest ethics.
2.	To impart quality education in Civil Engineering to raise satisfaction Level of all Stake holders.
3.	To serve society and the nation by providing professional Civil Engineering Leadership to find solution to community, regional and Global problems and accept new challenges in rapidly changing Technology.

Dept. of Civil Engineering:

Programmes offered:

B. Tech – Civil Engineering

M. Tech – Structural Engineering & Construction

Ph.D under Kakatiya University

Accreditation status:

Accredited with A grade of 3.21 (CGPA)


राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

The Executive Committee of the
National Assessment and Accreditation Council
on the recommendation of the duly appointed
Peer Team is pleased to declare the
Kakatiya Institute of Technology and Science
Bheemaram, Hasanparthy (M), Dist. Warangal,
affiliated to Kakatiya University, Telangana as
Accredited
with CGPA of 3.21 on seven point scale
at A grade
valid up to November 01, 2023

Date : November 02, 2018

Director

Program Outcomes (POs) of Civil Engineering Course	
PO1	Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
PO2	Identify, formulate, review research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
PO3	Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
PO4	Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
PO5	Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.
PO6	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
PO7	Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO8	Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

Program Outcomes (POs) of Civil Engineering Course	
PO9	Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO10	Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
PO11	Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
PO12	Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Program Specific Outcomes (PSOs) of Civil Engineering Course	
PSO1	Apply fundamental computational methods and elementary analytical techniques in sub-disciplines related to civil engineering.
PSO2	Design civil engineering structures, component or process to meet desired needs with appropriate consideration for the public health and safety, cultural, societal, sustainability and environmental considerations.
PSO3	Appreciate professional and ethical responsibility concerning legal, contemporary, environmental & cultural issues and consequent responsibilities relevant to the professional engineering practices and norms of Civil engineering practice code.
PSO4	Appreciate the role of research in civil engineering practice and recognize the need for and to engage in life-long learning in civil engineering and allied domains as relevant to rapidly changing technology.

Program Educational Objectives (PEOs) of Civil Engineering Course	
PEO1	Demonstrate professional competency in varied fields of engineering industry and/or pursue higher education by nourishing mathematical scientific and engineering precepts.
PEO2	Investigate, analyse and design solutions to complex civil engineering problems ensuring safety, sustainability and ecological harmony.
PEO3	Exhibit professionalism by transferring latest technology and understanding societal impacts to protect interests of the public at large.
PEO4	Develop competence by engaging in lifelong learning, in order to integrate ethics, economics and equity.

Program Outcomes (POs) of Structural Engineering & Construction	
PO1	Independently carry out research/investigation and development work to solve practical problems
PO2	Write and present an effective technical report/document
PO3	Demonstrate competence in the area of structural engineering and construction

Program Specific Outcomes (PSOs) of Structural Engineering & Construction	
PSO1	Apply knowledge of structural engineering and construction for technology transfer from research to innovation.
PSO2	Evaluate construction projects with a deeper conceptual coherence and integrity.

Program Educational Objectives (PEOs) of Structural Engineering & Construction	
PEO1	Demonstrate an epistemic state of exploring the research-based innovation in Structural Engineering & Construction.
PEO2	Generate best possible outcomes through patent technical expertise and decisions, making them accountable in the construction industry.
PEO3	Develop self-efficacy, meta cognition and entrepreneurship, thus laying foundation for lifelong learning in the domain of construction industry .

Department Profile

Head of the Department	**Dr. M. Andal** **Professor, Head of the Department**
Academic Coordinator	**Dr. D. Hari Krishna** **Associate Professor**
No. of faculty	23
No. of faculty with PhD	12
No. of faculty pursuing PhD	11
No. of technical & supporting staff	08

Details of Laboratories

S. No	Name of the Laboratory	Location	Area covered (m^2)
1	Concrete Technology Laboratory	Block I – 109	203.5
2	Surveying Stores/ Laboratory	Block I – 101 (A)	27.37
3	Material Testing Laboratory	Block I – 113	192.45
4	Fluid Mechanics & Hydraulic Machines Laboratory	Block III – 110 (A)	246.67
5	Engineering Geology Laboratory	Block I – 111	80.3
6	Environmental Engineering Laboratory	Block I – 112	80.3
7	Geotechnical Engineering Laboratory	Block I – 117	162.48
8	Highway Engineering Laboratory	Block I – 101	104
9	Civil CAD Laboratory	Block I – 103 (A)	81
10	Structural Engineering Laboratory	Block I – 109	203.5
11	Civil Engineering Software App. Lab.	Block I – 110	77.76
		Total Area (m^2)	1459.33

Research & Education Centers

- Advanced Soil Engineering
- Advanced Construction Materials

REC

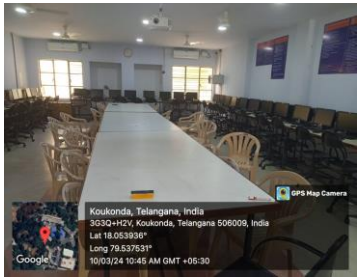
Total Cost of the Laboratories:

Rs. 1,62,55,284/-

(Rupees One Crore Sixty-Two Lacs Fifty-Five Thousand Two Hundred Eighty-Four only)

Photos of the Laboratory

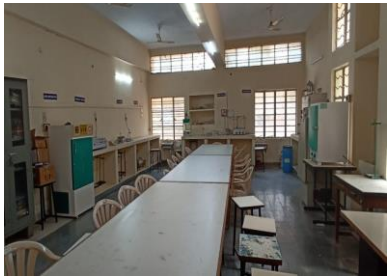
CAD Lab



CESA Lab

Concrete Lab

Engg. Geology Lab



Environment Engg. Lab

Materials Testing Lab.

Fluid Mechanics Lab

Geotechnical Engg.Lab

Highway Lab

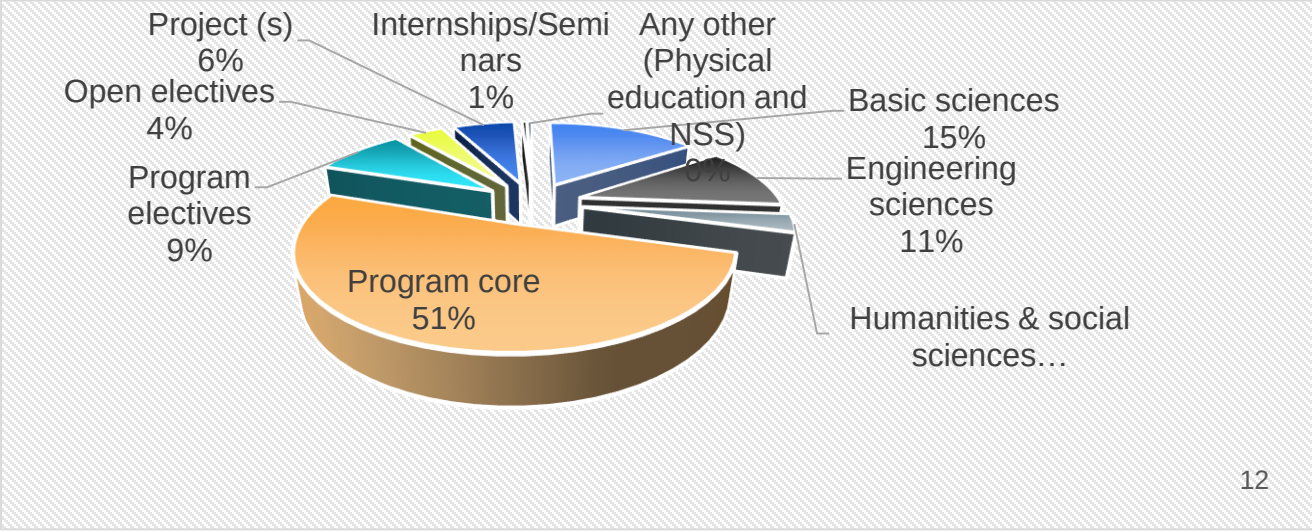
Surveying Lab

Criterion 1 - Curricular Aspects

Curricula is developed and revised on regular basis, based on inputs from the following:

- **Feedback from stakeholders**
- **Inputs from industry experts (In & abroad)**
- **Suggestions from academicians of reputed institutions**
- **To meet local requirements**
- **To meet industry & global developmental needs**
- **To meet regional & global need**

Components in Curriculum:



Feedbacks

Criterion 1 - Curricular Aspects

Curricula Summary: (for period 2018-19 to 2022-23)

No. of courses offered : 73

New courses introduced : 02 (Advanced Data Structures & Advanced Data Structures Laboratory)

Value added courses : 04

Course Code	Course Name
U18EA110 / U18EA210	Sports/Yoga/NSS
U18MH111	Universal Human Values – I
U18MH415	Essence of Indian Traditional Knowledge
U18MH501	Universal Human Values – II

Syllabus NCI VAC

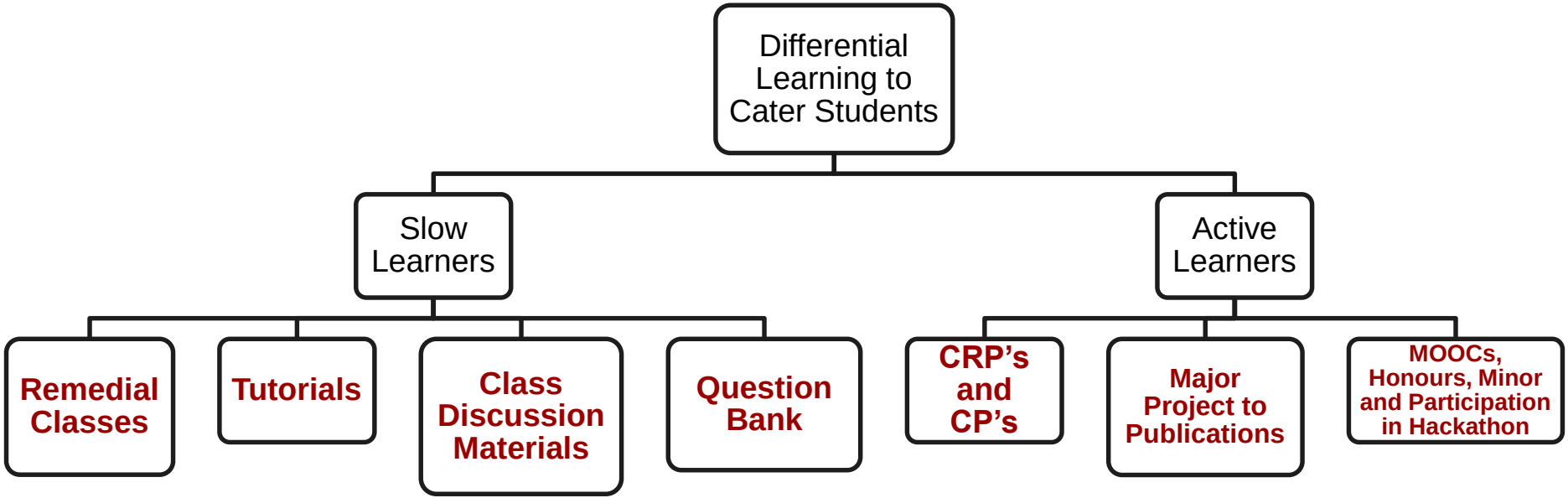
Criterion 2 - Teaching-learning and Evaluation

Teaching-Learning Process

- ✓ Class work as per Almanac
- ✓ Sharing Outcome Based Lecture Schedule (OBLS)
- ✓ Prior sharing of course material with outcomes – Classroom Discussion Topics (CDTs) & Self Learning Topics (SLTs)
- ✓ Participative Learning through special Assignments in the form of Course Research Paper (CRP) & Course Patent Paper (CP)
- ✓ Peer learning through Program based Assignments
- ✓ Continuous Internal Evaluation (CIEs) through Minor exams, Mid Semester exams, Assignments & Special Assignments
- ✓ Flip-classes through Tutorials followed as per tutorial matrix
- ✓ Course committee meetings

Criterion 2 - Teaching-learning and Evaluation

In addition to routine Teaching Learning Process, the following procedure is followed for students betterment



Question Banks

Project to Publications

MOOCs

Criterion 2 - Teaching-learning and Evaluation

Effective Mentor-Mentee (Counselor-Counselee) System

Step 1

- Students meet their counsellors every Week (MYC)

Step 2

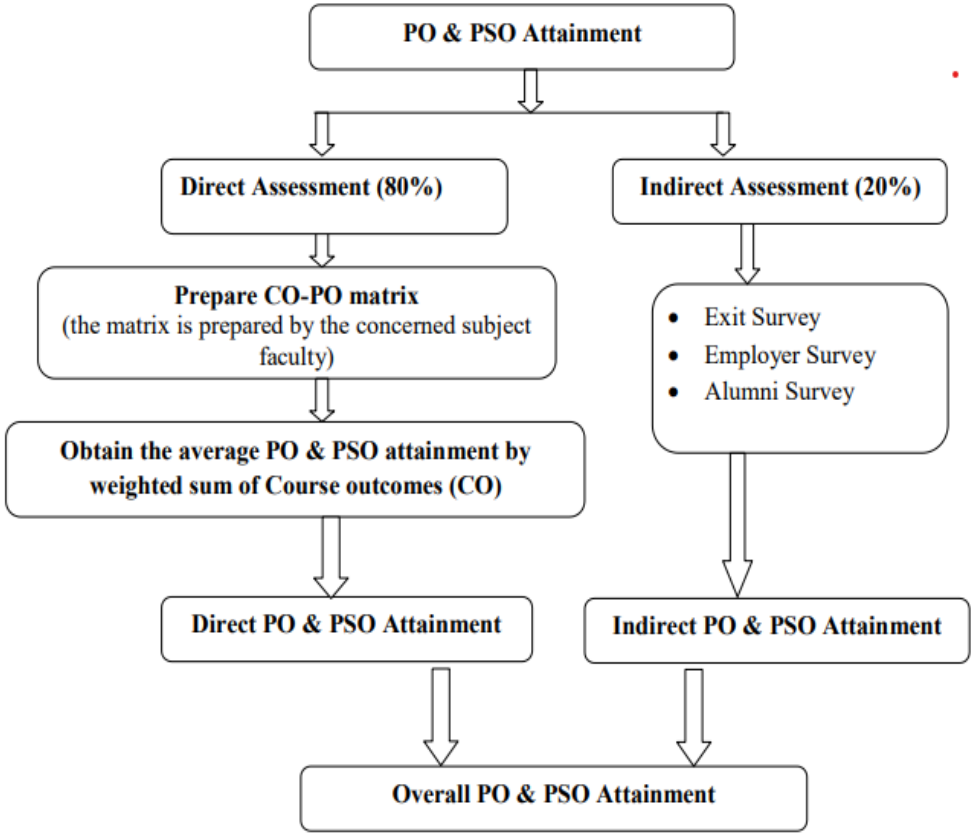
- Faculty acting as Counsellors will maintain the details and overall academic performance of the Candidate

Step 3

- Faculty will monitor students' attendance using College Management Software (CMS), Counsel, guide and motivate them

Criterion 2 - Teaching-learning and Evaluation

CO-PO Attainment Calculation



DIRECT-INDIRECT-TOTAL ATTAINMENT LEVELS

Criterion 2 - Teaching-learning and Evaluation

Pass percentage of students in UG & PG during 5 years

	Batch	Total students appeared	Number of students Pass	Pass%
B.Tech. (Civil Engineering)	2019-23	129	121	93.89
	2018-22	134	124	92.54
	2017-21	150	147	98.00
	2016-20	132	131	99.24
	2015-19	137	136	99.27
M.Tech (Structural Engineering & Construction)	2021-23	22	20	90.91
	2020-22	28	26	92.86
	2019-21	25	25	100.00
	2018-20	21	21	100.00
	2017-19	23	23	100.00

Marks

Criterion 3 - Research, Innovations and Extension

Activity	No.	Hyperlink
Research Facilities in the Department	02	Facilities
Research supervisors	04	Supervisor-Scholars
Research scholars	11	
Seed Money Received	01	Seed
Research Grants Received	04	Grants
Faculty Obtained Ph.D.	08	Ph.D List

Criterion 3 - Research, Innovations and Extension

Research Publications and Awards

Item	2022-23	2021-22	2020-21	2019-20	2018-19	Total
Patents	6	5	-	-	-	**11**
SCI/ Scopus/WoS	17	14	21	20	4	**76**
UGC/ Peer Reviewed Journals	-	-	2	17	12	**31**
International/ National Conferences	5	13	8	8	51	**85**
Books and Book Chapter	2	5	2	-	2	**11**
Total	**30**	**37**	**33**	**45**	**69**	**214**

Avg. Citation Index: **32.2**

Avg. h-index: **1.76**

Publications

Criterion 3 - Research, Innovations and Extension

Number of Seminar / Mini & Major Project Reports

S.No.	Year	No. of Seminar Reports (V Sem)	No. of Mini Project Reports (VI Sem)	No. of Major Project Reports (VIII Sem)
1	2022-23	32	32	32
2	2021-22	31	31	33
3	2020-21	34	34	36
4	2019-20	36	36	35
5	2018-19	47	47	36

Criterion 3 - Research, Innovations and Extension

Consultancy

- Established in 1984 to offer services to Govt. and Private Organizations.
- Major Works taken up - Design and Vetting of structures, Soil investigations for multi storied constructions, bridges, Road Over Bridges and pavements, Design of substructures and superstructures for high rise structures, bridges, pavements, earth & water retaining structures.
- Various agencies that we collaborated – South Central Railways, Reliance Private Limited, Karminagar, Bharat Petroleum Corporation Limited, Hindustan Construction Company Limited, NHAI, Telangana State Transco, Telangana State Genco Limited, Telangana State Police Housing Corporation, Telangana State Housing Corporation.

Income generated through Industrial Consultancy Cell (ICC)	
Financial Year	**Amount (Rs.)In Lakhs**
2022-2023	12.45
2021-2022	10.92
2020-2021	16.71
2019-2020	17.87
2018-2019	48.10
Total	**106.15**

Rupees One Hundred Six Lakhs and Fifteen Thousand only

Criterion 3 - Research, Innovations and Extension

Memorandum of Understanding (MoU's)

S.No	Name of the Company	Agreement Period
1	Founders Lab Private Limited	21st August 2023 onwards
2	CADD Centre	07th Oct 2021 Onwards
3	Capricot Technologies Pvt. Ltd.	30th Sept. 2021 Onwards
4	CANTER CADD INDIA Pvt. Ltd.	05th March 2021 Onwards
5	NIT Warangal	27th Jan 2021 Onwards
6	National Academy of Construction, Hyderabad	8th Sep 2017 Onwards
7	Skyfi Lab	2nd Aug 2015 onwards
8	Krishnapatnam Power Corporation Limited	11th Sep 2017 Onwards
9	LEAD INDIA Pvt. Ltd	15th Oct 2017 to Onwards
10	IGBC	27th Sep 2018 to 27th Sep 2021
11	KSN Engineers	15th July 2018 to 15th June 2021
12	Toshiba Plant systems & Service Corporation India Pvt. Ltd.	13th Nov 2017 to 13th Nov 2022
13	Grafix India Pvt. Ltd..	13th Aug 2017 to 13th Aug 2019
14	Infomile Solutions India Pvt. Ltd..	11th July 2017 to 11th July 2020
15	Administrative staff college of India (ASCI), Hyderabad	Sep 2016 to Aug 2019
16	Novus Green Energy Systems	18th Sep 2014 to 18th Sep 2019
17	Confederation of Indian Industry (CII), Hyderabad	27th September 2018

Criterion 3 - Research, Innovations and Extension

Innovation Ecosystem

Professional Bodies - Faculty Coordinators

Year	Indian Concrete Institute (ICI)	Institution of Engineers (India) (IEI)	Indian Green Building Council (IGBC)	Innovation Incubation Research and Entrepreneurship (IIRE)
2022-23	Dr. A.Suchith Reddy & Sri. K.Srujan Varma	Sri. A.Bhaskar	Sri. A.Bhaskar & Dr. P.Sireesha	Dr. N.Srikanth
2021-22	Dr. A.Suchith Reddy & Sri. K.Srujan Varma	Sri. A.Bhaskar	Sri. A.Bhaskar & Dr. P.Sireesha	Dr. N.Srikanth
2020-21	Sri. K.Srujan Varma	Sri. A.Bhaskar	Dr. P.Sireesha	-
2019-20	Sri. Mohammed Shakeel Abid	Sri. A.Bhaskar	Dr. P.Sireesha	-
2018-19	Sri. Mohammed Shakeel Abid	Sri. A.Bhaskar	-	-

Criterion 4 – Infrastructure & Learning Resources

PHYSICAL FACILITIES / INFRASTRUCTURE	
No. of Classrooms	**04 (UG)+01 (PG) + 01 (SH) = 06**
No. of Laboratories	**11**
No. of Computers	**79**

DEPARTMENT LIBRARY INFORMATION	
No. of Textbooks	338
No. of Project Reports	36 / year (UG) Total: 550 (UG) + 200 (PG)
No. of Newsletters	09 02 / year (July and December)
No. of Magazines	01 / year (20)

Criterion 5 – Student Support and Progression

Student Support & Progression
A two day site visit to Kazipet Railway Station to create awareness about how the railway network works.
Students are actively participated in various activities within the department and institute level - Sumshodhini, Akruthi, SAC, IIRE and Sports to develop and involve in various extra curricular activities to build all rounder ship.
The students are being provided company specific training to secure jobs in Core companies.
The students are continuously monitored and motivated by providing career guidance and counselling.
Refreshment and Student Induction Programs, Workshops, Seminars and Prominent Alumni organized by various experts to cater the needs of the growing technologies.
Programs like Accelerated, Minors, and Honors to encourage the students to excel in the field of Civil Engineering.

Certificates

Criterion 5 – Student Support and Progression

List prominent alumni contributions/funds/seminars/webinars/awareness programs and photos

S. No	Year	No. of Alumni Visited	No. of Alumni Activities	Alumni Contributions (Rs.)
1	2022-23	12	-NIL-	Rs. 10,000/- for academic Excellence
2	2021-22	26	06	Rs. 10,000/- for academic Excellence
3	2020-21	04	-NIL-	Rs. 10,000/- for academic Excellence
4	2019-20	05	05	Rs. 10,000/- for academic Excellence
5	2018-19	14	07	Rs. 10,000/- for academic Excellence
		AlVisited	AlAcitivites	

List of Prominent Alumni

S. No.	Alumnus Name	Designation / Affiliation	Batch
1	Sri Z.Srinivas Rao	Superintending Engineer/ Irrigation Dept. TS	1982-86
2	Dr. Srinivas Voggu	Principal Scientist CSIR-SERC CHENNAI	1985-89
3	Sri Dr. P. Rathish Kumar	Professor , NITW	1986-90
4	Sri P.Ramesh	Executive Engineer, Irrigation Dept. TS	1986-90
5	Sri B.Murali krishna	SE , Singareni Collieries Company	1988-92
6	Sri V.Srinivas	Entrepreneur	1988-92
7	Sri Sridhar Nagulavancha	Founder and CEO-Concert Tech Corporation	1989-93
8	Sri M.Raj Gopal	Director, SATRA Group of Companies	1991-95
9	Sri K.Satyanarayana	Entrepreneur	1991-95
10	Sr V.Raja gopal	DEE, I&CAD Telangana	1991-95
11	Sri D.Satya murthy	DEE ,I&CAD Telangana	1991-95
12	Dr. Satish Regonda	Associate Professor IITH	1996-20
13	Sri Dr. K. V. R. Ravi Shankar	Assistant Professor, NITW	1998-02
14	Sri N.Jnandev Reddy	Entrepreneur	2004-08
15	Sri A.Nagaraju	Deputy Engineer, Irrigation Dept. TS	2004-08
16	Sri R.Nishanth	Asst. Executive Engineer, Irrigation Dept. TS	2004-08
17	Sri R.Sridhar	Deputy Engineer, Irrigation Dept. TS	2004-08
18	Sri Harikiran	Senior Offshore Structural Engineer Petrofac ·UAE	2008-12
19	Sri K.Manohar	Asst. Executive Engineer, TSTRANSCO	2008-12
20	Smt Atiya fatima	AEE, I&CAD Telangana	2010-12

List

Criterion 5 – Student Support and Progression

Gallery

Sri. P.Ramesh
Executive Engineer, I&CAD Department,
Batch 1986-90.

Smt. Anitha K Sharma & Smt. Karuna Sri
Scientific Officer & DE (Irrigation Dept, Husnabad)
Denmark and Warangal
(Batch 1989-93)

Mr. Anand Vemulapati,
Director,
SecuEra Technologies Inc.,
Hyderabad
Batch 1993-97

Delivered Talk on Hyderabad Metro Rail System

Mr. Ch.Vikas

Engineer,

Arvee Associates Hyderabad

Batch 2012-16

Criterion 6 - Governance, Leadership and Management

Departmental Committees

2018-19

2019-20

2020-21

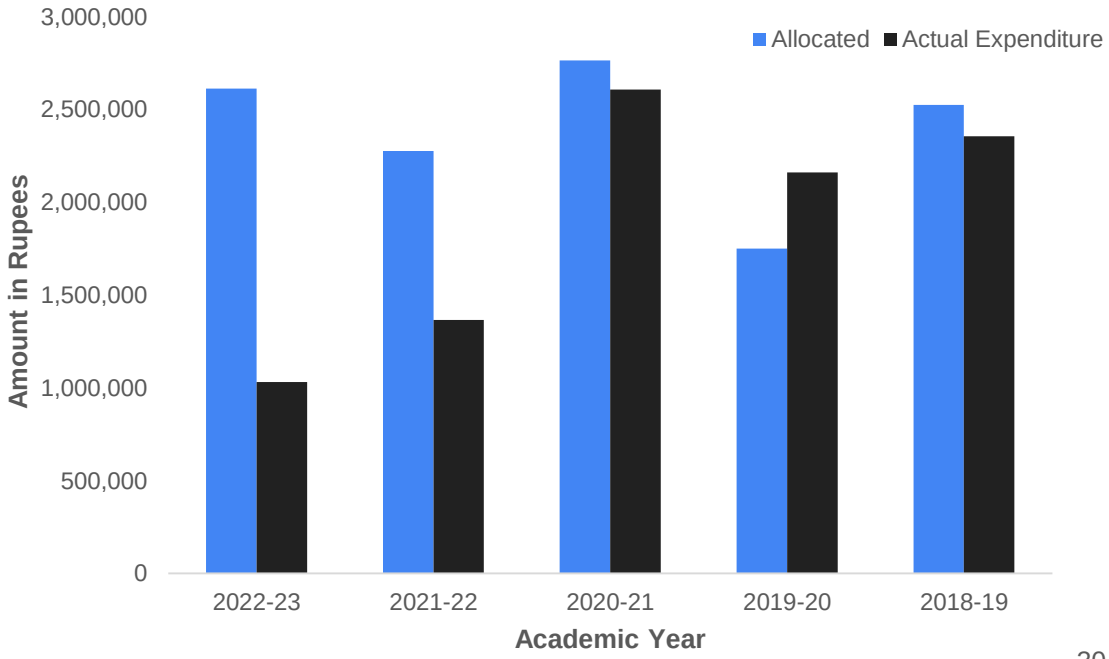
2021-22

2022-23

DC LIST

Academic Year	Total Amount (Rs)	
	Allocated	Actual
2022-23	26,12,772	10,31,329
2021-22	22,77,000	13,65,419
2020-21	27,66,000	26,09,130
2019-20	17,50,200	21,61,910
2018-19	25,25,000	23,56,133

Budget Allocation and Utilization Table



List of BoS Meetings Conducted

S.No.	Year	Circular Number	BOS Meeting date	Purpose
1	2022-23	KITS/ACAD/CIRCULAR/2022/69	03-02-2023	BOS for B.Tech and M.Tech modified orders
2	2021-22	NO.KITS/ACAD/CIRCULAR/2022/332	11-03-2022	Separate course codes for ADS and ADS lab
4	2020-21	NO.KITS/CED/BOS/2020/80	07-03-2020	BOS for B.Tech and M.Tech modified orders
5	2020-21	NO.KITS/CED/BOS/2020/1	29-05-2020	Review of approved courses in existing scheme of B.Tech III year Industry relevant courses
6	2019-20	NO.KITS/CED/BOS/2019	25-05-2020	Review of existing courses in B.Tech
7	2018-19	NO.KITS/CED/BOS/2018	12-06-2018	To approve scheme of instruction and evaluation for B.Tech CE and syllabus for" basic engineering mechanics"

Circulars for BoS

Criterion 6 - Governance, Leadership and Management

No. of faculty provided with funding for Seminars / FDPs / Conferences / Projects / Research / Training	**03** (List of Faculty)
Total Amount Received	Rs. 35,487/-
No. of FDPs Attended Year wise	https://drive.google.com/drive/folders/1bD3mMbYy4iDsp3cYm9Pe-LCdAPaoW3y6?usp=share_link

Criterion 7 - Values and Best Practices

Strength, Weakness, Opportunities and Challenges (SWOC)

STRENGTH
Accreditations from various agencies – NAAC & NBA.
Strong and Vibrant Faculty – Faculties are awarded doctorates from various National Institutions and Good Faculty Retention .
Consistent Curriculum upgradation after consulting Experts from Industries, Premier Institutions & Exit Student Feedback.
Recognized research center under Kakatiya University.
Strong Well-Established Alumni.
Active Involvement of Students in various extra curricular activities like SAC, NSS & NCC.
Mandate Internships
Active role in Consultancy

WEAKNESS
Needs increase in Core Placements with high CTC.
Increase in Quality Publications, Patents and Funding Projects.
Needs Collaboration with Industries and Premier institutions in the area of research.

Criterion 7 - Values and Best Practices

Strength, Weakness, Opportunities and Challenges (SWOC)

OPPORTUNITIES
Department of Civil Engineering collaborate with various industries and institutions to offer internship and jobs so that students gain valuable work experience.
Talks from alumni or guests or industry experts help students to stay update on the latest trends and developments in the concerned field.
Student activities like Civil Engineering Association, Sumshodhini, Akruthi etc offer leadership opportunities and develop all rounder ship qualities.
The curriculum of the department provides opportunities and hands on learning that prepare the students to achieve a successful career.

CHALLENGES
Recruiting faculty from industry background
Core placements
Attracting students from other states
Funding Projects

Criterion 7 - Values and Best Practices

Short Term Goals

Goal	Action Plan
Strengthening Industry Relationship with Students	• Industry visits • Internships • Industry in house training • MoUs with industries
Improve Placements	• To frame industry, need syllabus • To provide proper training programs
Improve Teaching – Learning Process	• Organizing conference per year • Conducting One FDP's/ Seminar per year. • Enrolling Courses offered through ATAL programs/Swayam portal. • Industry Visit
Induce Research Oriented Skills to Students	• Inculcating the habit of reading Research Papers and Patents • UG/PG students need to convert their projects into publications • Encouraging students to participate in various conferences
Modernization of laboratories	• Updating laboratories like Geotechnical Engineering, Material Testing and Environmental Engineering Laboratory to meet the current demands of research and industry.

Criterion 7 - Values and Best Practices

Long Term Goals

Goal	Action Plan
Research and Innovation	100% of the faculty should be awarded doctorate. In this direction, the department in line with the institution is supporting the faculty to pursue higher degrees. The department already established Research Centres to foster the areas of research and maintain collaboration environment.
Central of Excellence	Establishing Centre's of Excellence in emerging Fields by encouraging faculty in conducting research on Sustainable materials, Green Buildings, Bio engineering etc.,
Professional Development	To provide continuous opportunities to students for professional development and career advancement in the form of internships, certification courses and counselling.

Distinctiveness of the Department	
Faculty	• The department is enriched with faculty from diverse fields. • Faculty awarded/pursuing research are from Premier institutes of the nation. • Few faculty are from Industrial background • The faculty retention is high in the department.
Curriculum	• The department is always a frontier in updating the courses and this reflects the distinctiveness of the department
Consultancy	• The department plays a very crucial role in generating a significant revenue through industrial consultancy.
Research	• The department is upgrading itself in the areas of research by collaborating with various institutes and industries. As of now the department is official recognized as one of the research center under Kakatiya University, Warangal.
Student Opportunities & Support	• The department ensures that the students learn diverse experiences by enrolling in various scholarships, internships. • Further the students are strongly supported and motivated by a strong mentorship programs called as Counselling System.
Values and Culture	• The Indian traditions, values and cultures are imparted into students by emphasing through academic excellence, innovation, diversity and ethnical practices.

Criterion 7 - Values and Best Practices

MAJOR ACHIEVEMENTS OF THE DEPARTMENT	
Aug. 2018	SERB sanctioned Rs. 2.00 Lakh under DST scheme to the Dept. of Civil Engineering.
Nov. 2019	SERB sanctioned Rs. 18.30 Lakh under TARE scheme to the Dept. of Civil Engineering.
Jan. 2020	SERB sanctioned Rs. 1 Lakh under Seminar grant to the Dept. of Civil Engineering.
June. 2020	Enhanced intake in M.Tech. in Structural & Construction Engg. from 24 to 30.
Jul. 2020	Certified by ISO 9001:2015
Aug. 2020	AICTE sanctioned Rs. 3.02 Lakh under STTP/FDP AQIS to the Dept. of Civil Engineering.
Dec. 2021	Extension of UGC Autonomous status for 5 years
April. 2022	Acquired 33 rank across India in Green Institutional Rankings 2022
July. 2022	Re Accredited by National Board of Accreditation for UG Program
Nov. 2023	Accredited by National Board of Accreditation for PG Program – First Time
2018-2023	Revenue generated through Consultancy from the department is One Hundred Six Lakhs

Criterion 7 – Values and Best Practices

Practices	Intention behind the Practice
Field Visits	The students are encouraged to take up real life problems/case studies and apply the learned principles and the knowledge through field visits.
Internships	The students are made to identify the recent developments in Civil Engineering through internships.
Online courses	The students are encouraged to take online courses like NPTEL and SWAYAM to broaden their knowledge in the subject and to understand at deeper levels.
IIRE	The faculty e-course webpage, an in-house tailor-made digital applications (I^2RE) is developed to streamline the process for better governance for outcome-based education (OBE) and which is time saving tool for an individual faculty, student and for the institute.
Multi-disciplinary activities	Involving the students in multi-disciplinary actions like paper presentations, workshops and seminars in other institutions
Remedial classes	The student's problem-solving ability is improved by conducting remedial classes and systematically designed assignments
e-journals	The institute has provided the e-journals link on the website, which leads students to search standard journal papers (ASCE, Springer, Elsevier etc.) in the chosen area of the problem/project work which can be downloaded for future reference. The literature may be useful to know the latest trend of the emerging field and the gaps in the identified problem.
CEA	The students are engaged in various activities through the Civil Engineering Association to develop various skills leadership active participation, career advancement, communication skills and networking.

PHOTO GALLERY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34th Annual


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