

DEPARTMENT PROFILE

Department of CIVIL Engineering

1. ABOUT THE DEPARTMENT:

Civil Engineering is one of the core branches of engineering. As the name implies- CIVIL”, the branch mainly deals with fulfillment of basic necessities of human being. Apart from development of infrastructural facilities, it has also become a sector that encompasses around 50 % funds in national economy.

Growth of population and urbanization invited new problems in urban planning such as water supply, waste management, transportation and global warming. To overcome these problems and to build tomorrow’s India, role of Civil Engineer has vital importance even in the era of information technology. Civil Engineering Department has been established in the year 2010. The Department is enriched with 12 laboratories equipped with sophisticated instruments, experienced and dedicated teaching faculty in all specializations of various disciplines of Civil Engineering. We have started our consultancy for outside clients also, such as testing of concrete cubes, water, waste water sampling etc. Extra teaching for weak students is a unique feature of our college. The department is committed to produce competent Civil Engineers of multidimensional personality.

VISION:

To become a school of excellence that brings out civil engineers with high technical competencies and promotes high-end research to meet the current and future challenges in civil engineering.

MISSION :

- To offer Under-Graduate and Post-Graduate programmes in civil engineering and other skill development courses that add value to student competencies.
- To promote quality education, research and consultancy for industrial and societal needs.
- To inculcate moral and ethical values among the students.
- To impart knowledge with emphasis on the development of leadership qualities in students.
- To provide state-of-the-art resources that contributes to a congenial learning environment.
- To encourage students to pursue higher education and take competitive exams and various career enhancing courses.
- To establish centres of excellence in emerging areas of research.
- To have regular interaction with industry and offer solutions to their problems.

2. NAMES OF PROGRAMMES / COURSES OFFERED

S. No	Degree	Program Name	Level (UG/PG)
1	B. Tech	Civil Engineering	UG
A A	M.Tech	Structural engineering	PG
3	PH.D	-	DOCTORATE

3. PROGRAM OUTCOMES:

At the end of the program, the student will be able to:

PO1	Apply principles of mechanics and basic sciences to analyze civil engineering structures.
PO2	Survey, map, measure and analyze data for sustainable infrastructure planning.
PO3	Characterize and evaluate materials for adoptability in civil engineering projects

PO4	Analyze and design concrete & steel structures, earthen embankments, irrigation structures, water supply, waste treatment systems and transport systems.
PO5	Apply best management practices for construction and maintenance of infrastructure facilities.
PO6	Predict and forecast societal needs, floods, droughts, pollution and travel demand.
PO7	Work and lead in multi disciplinary projects and demonstrate social responsibility and professional ethics.
PO8	Engage in research and life-long learning to adapt to changing environment.

4. **HOD & BOS CHAIR PERSON:** Dr.SRIKANTH RAMAVATH

5. **BOS MEMBERS:**

Name	Designation	Qualification	Specialization
DR.G.PRASHANTH	Assoc. Professor	PH.D	
DR.M.ABHILASH	ASST.PROF	PH.D	
V.SRAVANI	ASST.PROF	M.TECH	Structural & Construction Engineering
MD. IRFAN HUSSAIN	Asst.Prof.	M.Tech	Structural Engineering
G. SATYENDER	Assoc. Professor	M.Tech	Water Resource Engineering
K. ANITH PRANESH	Asst.Prof.	M.Tech	Structural Engineering
M. ALEKYA	Asst. Prof.	M.Tech	Transportation Engineering
G. KALYANI	Asst. Prof.	M.Tech	Structural Engineering
SK. MASHOOQ RABBANI	Asst. Prof.	M.Tech	Structural Engineering
S. VINOD	Asst.Prof.	M.Tech	Structural & Construction Engineering
B.ANIL KUMAR	Asst prof	m.tech	Structural Engineering
N.NARESH	Asst.prof	m.tech	Structural Engineering

6. **DRC-**

7. **FACULTY:**

Name	Designation	Qualification	Specialization
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DR.G.PRASHANTH	Assoc. Professor	PH.D	
DR.R.SRIKANTH	ASST.PROF	PH.D	
DR.M.ABHILASH	ASST.PROF	PH.D	
V.SRAVANI	ASST.PROF	M.TECH	Structural & Construction Engineering
MD. IRFAN HUSSAIN	Asst.Prof.	M.Tech	Structural Engineering
G. SATYENDER	Assoc. Professor	M.Tech	Water Resource Engineering
K. ANITH PRANESH	Asst.Prof.	M.Tech	Structural Engineering
M. ALEKYA	Asst. Prof.	M.Tech	Transportation Engineering
G. KALYANI	Asst. Prof.	M.Tech	Structural Engineering
SK. MASHOOQ RABBANI	Asst. Prof.	M.Tech	Structural Engineering
S. VINOD	Asst.Prof.	M.Tech	Structural & Construction Engineering
B.ANIL KUMAR	Asst prof	m.tech	Structural Engineering
N.NARESH	Asst.prof	m.tech	Structural Engineering

8. NON-TEACHING STAFF

Designation	Count
Technical Staff	1
Administrative staff	1

9. FACULTY PATENT, PAPER PUBLICATIONS AND WEBINARS /SEMINARS:

- Dr. Srikanth Ramavath faculty of civil department published a paper on An improvisation of strength parameters of rigid pavements by using industrial wastes
- Dr.Srikanth Ramavath faculty of civil department published a paper on Application of purification performance of porous asphalt pavement
- Dr.Srikanth Ramavath faculty of civil department submitted a patent on Development of sustainable concrete for structural applications.
- Dr.Srikanth Ramavath faculty of civil department submitted a patent on Development of recycled tyre steel fibres concrete for sustainable construction.
- Dr.Srikanth Ramavath faculty of civil department had participated in a national conference on Recent advancements in concrete technology.

- Dr.Srikanth Ramavath faculty of civil department had participated in a national conference on Recent advancements in geotechnical engineering.
- V.Sravani faculty of civil department has participated in NPTEL E-Awareness workshop.
- MD.Irfan hussain faculty of civil department had participated in A workshop on how to design duplex building in 2 hours.
- MD.Irfan hussain faculty of civil department had participated in A successful completion of Module 1 out of 14 in (Civil engineering fundamental) Post graduate programme in high rise building Design.

1. MD IRFAN HUSSAIN

S.NO	Name of the Publication	Journal Name (ISSN. NO)	Volume/ Issue	Year	Impact Factor	Scopus/UGC/ other
1	GJESR	2348-8034	1	2017	4.02	Other
2	JSMAP	2395-0463	03-Mar	2017	4.4	Other
3	IJER	2456-5086		2017		Other
4	IJR	2348-6848	04-Jan	2017	5.6	Other
5	IJR	2348-6848	Apr-13	2017	5.6	Other

2. V.SRAVANI

S.NO	Name of the Publication	Journal Name (ISSN. NO)	Volume/ Issue	Year	Impact Factor	Scopus/UGC/ other
1	MODELLING AND DESIGN OF G+2 RESIDENTIAL BUILDING WITH INTEGRATED GREEN DESIGN CONCEPT	JOURNAL OF INTERDISCIPLINARYVCYCLE RESERCH(0022-1945)	XII/VIII	Aug-20	6.2	UGC
2	SIMULATION AND OPTIMIZATION OF DEEP DRAWING PROCESS PARAMETERS FOR CYLINDRICAL CUP BY USING FEM AND TAGUCHI	JOURNAL OF COMPOSITION THEORY(0731-6755)	XIII/VIII	Aug-20	5.7	OTHER

3.

MD.IRFAN HUSSAIN

S.NO	Webinar Title	Organized/ Participated	No. of Days	Year	ATAL/STTP/AICTE/ Other
1	Concrete Technology	Participated	1	2020	Other
2	Developing Techno Management Professionals In Post-COVID Scenario	Participated	1	2020	Other
3	Future Safe Transportation System In Covid-19 Context	Participated	1	2020	Other
4	Safety Precautions During Corona Pandemic-Indian Perception	Participated	1	2020	Other
5	“Wastewater And Sludge: A Green Asset To Recover Energy And Nutrients”	Participated	1	2020	Other
6	Successful Research Papers From Concept To Submission	Participated	1	2020	Other
7	"Introduction To Remote Sensing And GIS	Participated	1	2020	Other
8	Finite Element Approaches To Modeling Fracture And Damage In Concrete Structures	Participated	1	2020	Other
9	Artificial Aggregates And Its Behavioral Aspects In Structures	Participated	1	2020	Other
10	Behavior Of Concrete Structures Subjected To Fire Exposure	Participated	1	2020	Other
11	Analysis And Design Of Hospital Live Building (G+5 Floors) - Staad Pro	Participated	9	2021	Other

M.ALEKYA

S.NO	Webinar Title	Organized/ Participated	No. of Days	Year	ATAL/STTP/AICTE/ Other
1	THE STORIES OF STRUCTURES INSPIRATION AND INNOVATION	PARTICIPATED	1	2020	IITE
2	WASTE WATER AND SLUDGE (A GREEN ASSET TO RECOVER ENERGY AND NUTRIENTS)	PARTICIPATED	1	2020	AICTE
3	PRACTICAL ASPECTS AND RESEARCH OPPURTUNITIES IN CONCRETE STRUCTURES	PARTICIPATED	2	2020	AICTE
4	SUCCESSFUL RESEARCH PAPERS (FROM CONCEPT TO SUBMISSION)	PARTICIPATED	1	2020	AICTE
5	ROLE OF GEOLOGY IN CIVIL ENGINEERING	PARTICIPATED	1	2020	AICTE
6	AN INTEGRATED TOOL FOR AGGREGATE BLENDING FOR BITUMINOUS CONCRETE LAYER USING C PROGRAMMING	PARTICIPATED	1	2020	AICTE

V.SRAVANI

S.NO	Webinar Title	Organized/ Participated	No. of Days	Year	ATAL/STTP/AICTE/ Other
1	WASTEWATER AND SLUDGE :	N.G.P. INSTITUTE OF TECHNOLOGY	1	2020	
2	NATIONAL CONCLAVE ON NATIONAL EDUCATION POLICY	CDU,WGL	1	2020	
3	INTERNAL QUALITY ASSURANCE	CDU,WGL	1	2020	
4	SAFETY PRECAUTIONS DURING CORONA PANDEMIC IN INDIAN PERCEPTION	CDU,WGL	1	2020	
5	SUCCESFULL RESEARCH PAPERS	KITS,WGL	1	2020	

MD.IRFAN HUSSAIN

S.NO	Name of the Workshop	Organized/ Participated	No. of Days	Year	STTP/AICTE/ Other
1	Quantity Surveying- Buildings & Bridges	Participated	3	2020	Industry Internship Institute Services
2	Application of Remote Sensing and GIS in Civil Engineering	Participated	1	2020	Other
3	AUTODESK-REVIT	Participated	2	2020	Other

V.SRAVANI

S.NO	Name of the Workshop	Organized/ Participated	No. of Days	Year	STTP/AICTE/ Other
1	FLUID MECHANICS	IIT,KHARAGPUR	15 DAYS	2014	

10. COURSE INTAKE:

Course	B Tech	M Tech	Ph.D
Intake	30	30	--

11. STUDENT ACHIEVEMENTS:

- IV-civil topper D.AKSHITHA and 2nd topper T.GANESH.
- III –civil toppers 1st M.Akshitha, 1st K.Prasanna, and 2nd T.Sanjana.
- A team of final year civil students are participated in NSS program organised to distribute plants in the city.
- Two students completed C –certificate in NCC.
- A team of final year civil students are participated in NSS program organised to distribute grocery to mentally retarded kids.
- A team of final year civil students are participated in NSS program organised in clean India rally.
- D.Akshitha and A.sony got selected in Uynite start-up company.
- P.Pallavi has got prize money for active participation in Uynite start-up company.
- P.Rakesh Nath student of civil final year bagged first position as best cadet in Warangal GP,ICTR NCC Warangal.
- A group of civil final year students participated in south zone inter university kabaddi championship for men 2022-23 at Benguluru.
- A group of civil final year students participated in GWMC indian swatchatha league 2.0 in 2023
- All department staff and students visited a industrial site Kaleshwaram project(pump house).
- Final year students did an internship program on several department topics.

12. COURSES IN COLLABORATION WITH OTHER UNIVERSITIES, INDUSTRIES, FOREIGN

Institutions, etc.:

- a) Virginia Commonwealth University, Virginia.
- b) University of Alabama at Birmingham, Alabama.
- c) Savannah State University, Savannah, Georgia.
- d) Eastern Michigan University, Michigan, U.S.A.

13. Details of infrastructural facilities

Library No. of Volumes	:	55
Internet facilities for staff & students	:	20
Class rooms with ICT Facility	:	04
14. LABORATORIES	:	12

1. Material Testing Laboratory
2. Fluid mechanics laboratory
3. Computer Aided Building Drawing.
4. Engineering Geology laboratory
5. Hydraulics and Hydraulic Machinery Laboratory.
6. Survey Field Work-I
7. Geotechnical Engineering Laboratory.
8. Survey Field Work-II
9. Concrete Laboratory.
10. Transportation Engineering Laboratory.
11. Environmental Engineering Laboratory.
12. Civil Engineering Software Application Laboratory.

15. PHOTO GALLERY:











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राष्ट्रीय कैडेट कोर
NATIONAL CADET CORPS



Y2302040040
CPT LINGAM NARENDER

प्रमाण-पत्र 'सी'
CERTIFICATE 'C'

सं०
No. TS/20 SDA 200440

नाम
Name: LINGAM SHASHIDHAR

युनिट
Unit: 1 (T) Compo Tech Regt NCC

राष्ट्रीय कैडेट कोर निदेशालय
NCC Directorate: (AP&TS) Secunderabad

प्रमाणित किया जाता है कि ऊपर विहित कैडेट ने रक्षा मंत्रालय, भारत सरकार के पर्याधिकारी के अधीन सन् 2023 में हुई प्रमाणपत्र 'C' परीक्षा C श्रेणी में पास कर ली है।
This is to certify that the above mentioned Cadet has passed the Certificate 'C' Examination in C Grade held in 2023 under the authority of Ministry of Defence, Government of India.

क्र० सं०
Ser.No. TS/C Cert/Army/2023/3770

स्थान
Place: SECUNDERABAD

दिनांक
Date: 2023-05-25

रैंक
Rank: CDT

सुपुत्र/सुपुत्री
Son/Daughter of: LINGAM NARENDER REDDY

जन्म तिथि
Date of Birth: 2002-03-07

Digitally Signed
Col Vivek Sheel.

Dy. Director General, National
Cadet Corps.



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राष्ट्रीय कैडेट कोर
NATIONAL CADET CORPS



Y2302040047
CPT GATLA VEERASWAMY

प्रमाण-पत्र 'सी'
CERTIFICATE 'C'

सं०
No. TS/20 SDA 200447

नाम
Name: GATLA TEJESHWAR

युनिट
Unit: 1 (T) Compo Tech Regt NCC

राष्ट्रीय कैडेट कोर निदेशालय
NCC Directorate: (AP&TS) Secunderabad

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रैंक
Rank: CDT

सुपुत्र/सुपुत्री
Son/Daughter of: GATLA VEERASWAMY

जन्म तिथि
Date of Birth: 2003-07-31

क्र० सं०
Ser.No. TS/C Cert/Army/2023/3771

स्थान
Place: SECUNDERABAD

दिनांक
Date: 2023-05-25

Digitally Signed
Col Vivek Sheel.

Dy. Director General, National
Cadet Corps.

