



ISSUE - 11



Department of  
Civil  
Engineering

ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY

## HOD'S DESK



**Dr. Ashfaque Ansari, HOD**

Civil engg branch is one of the oldest branch we ever had. In today's scenario we all knows the rapid development of cities and town which ultimately development of nation. Due to urbanization and development of nations worldwide there is huge requirement of competent and highly qualified civil engineer...

Career in civil engg. Is one of the challenging opportunity for the students? It deals with design and construction of concrete as well as steel structures like dams, tunnels, buildings, roads, bridges, airports, harbors, sewage plants, power plants and many more...

Civil department at Anjuman engineering college have highly qualified staff with good teaching and industrial experience having roots with NIT's. We also have advanced and well equipped laboratories with latest equipments and software's.

We at ACET aim to develop our students to face the challenges in academics as well Industries. Our students not only perform well in university exams but also other competitive exams like GATE, MPSC, UPSC, Indian Railways etc. We, at ACET also guide our students to be a successful entrepreneur. Some of our students have become a successful entrepreneur.

I expect my students to be successful, responsible and committed to their work. I wish best of luck for all of my students for a successful carrier.

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From HOD's Desk

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## Vision

To be the centre of excellence for developing quality civil engineers with moral and social ethics to face global challenges for the sustainable development of society

## Mission

- To create conducive academic culture for learning and identifying career goals.
- To impart quality technical education along with research opportunities.
- To impart knowledge and generate entrepreneurship skills contributing to the socio – economic growth of the nation.
- To inculcate values and skills, that will empower our students, towards National development through technology, to preserve nature and its resources.

## Quality Policy

We are committed to imparting value-added education that would enable us to fulfill the ever-increasing demands of the competitive and target-driven business environment.

## Words from PRINCIPAL

I am profoundly privileged to have been associated with Anjuman College of Engineering & Technology, since 2000. It has been a wonderful journey of achievements and nothing could equal the pleasure and satisfaction to see that in a short period, the college has carved a niche in the technical academic scenario. The sapling planted by visionaries has grown into a huge oak tree... yes over two decades;

ACET with its humble beginning has become a premier institute of Central India. Every great achievement is a compilation of great efforts. A learned and wise management, able leadership, competent and dedicated faculties, state of art infrastructure and passion to excel has made ACET what it is today. The major challenge for today's engineering educational institutions is to accommodate the ever-varying aspirations of the younger generation because of increasingly changing demand and development in industries. The success of our undergraduate, and postgraduate & research programs are supervised by our eminent faculty, who continue to set the standard for excellence. I welcome you to this extremely dynamic and challenging world of science and technology.



**Dr. SYED MOHAMMAD ALI**



**Mohd Atif**  
Assistant Professor

### MESSAGE FROM

# Editor

It gives me an immense joy and satisfaction to re-introduce our very own Departmental News Letter. We have tried to churn out creativity from this mess of science. Departmental News Letter is a mirror which reflects the literary, educational and sports activities going on in the department. Also it helps showing various steps taken and activities which our students are nurtured with.

The name and fame of an institute depends on the caliber and achievements of the students and teachers. The role of a teacher is to be a facilitator in nurturing the skills and talents of the students. This New Letter is a platform to exhibit the literary skills and innovative ideas of teachers and students. I would like to place on record my gratitude and heartfelt thanks to all those who have contributed to make this effort a success. I profusely thank the Committee for giving support and encouragement and a free hand in this endeavor.

I truly hope that the pages that follow will make an interesting read. 'Happy Reading'

# Toppers

WINTER 2020-21

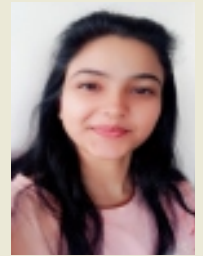
Third Semester



Siddiqui Gulnaz Nizamuddin  
83.42% SGPA 8.71



Sakhare Aboli Vitthal  
76.42% SGPA 7.96



Poonam Belekar  
74.80% SGPA 7.83

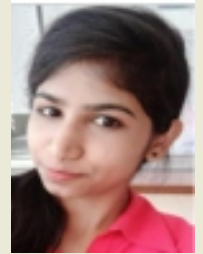
Fifth Semester



Imdadullah Khan  
78.14% SGPA 7.96

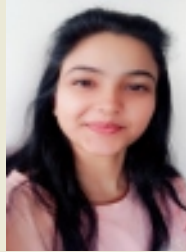


Mohammad Mohsin Ali  
76.00% SGPA 7.84

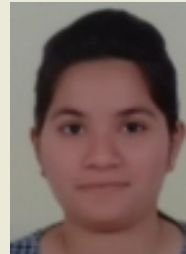


Mayuri Awale  
74.57% SGPA 7.80

Seventh Semester



Poonam Belekar  
83.60% SGPA 8.84



Vaibhavi Nandeshwar  
78.80% SGPA 8.20

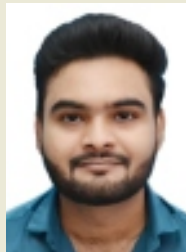


Sharukh Ahmed  
77.74% SGPA 8.00

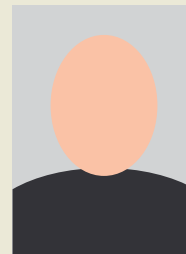
# Toppers

SUMMER 2020-21

fourth Semester



Sohail Diwan Ashfaque Diwan  
86.85% SGPA 9.36



Aarya P. Ukey  
86.85% SGPA 9.16

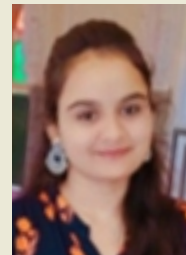


Mohamad Sufiya Khan  
86.71% SGPA 9.08

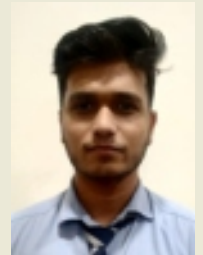
Sixth Semester



Siddiqui Gulnaz Nizamuddin  
88.57% SGPA 9.22



Nehal Raju Thombre  
86.57% SGPA 9.11



Shreyash Bapuji Zade  
86.28% SGPA 9.04

Eighth Semester



Imdadullah Khan  
78.14% SGPA 7.96



Mohammad Mohsin Ali  
76.00% SGPA 7.84



Mayuri Awale  
74.57% SGPA 7.80

Title of paper	Name of the author/s	Name of journal	Year of pub	ISSN number	Link to the recognition in UGC enlistment of the Journal
Performance based Simulation of Pervious Concrete using discrete element method	PROF.ASHFAQUE ANSARI	JOURNAL OF THE CROATIAN ASSOCIATION OF CIVIL ENGINEERS	2000	GRAĐEVINAR 72 (2020) 8, 693-701	<a href="https://doi.org/10.14256/JCE.2424.2018">https://doi.org/10.14256/JCE.2424.2018</a>
Review on Stabilization of Soil Using Polyacrylamide (PAM) Polymer and its Application in Civil Engineering	PROF.SAYYED AAMIR HUSSAIN	International Journal of Scientific Research in Science and Technology	2020	2395-6011	<a href="https://ijsrst.com/">https://ijsrst.com/</a>
Comparative Analysis of Different Truss Type Railway Steel Bridge Considering Railway Loadings	PROF.SAYYED AAMIR HUSSAIN	IJRAR	2021	2349-5138	<a href="https://www.ijrar.org/">https://www.ijrar.org/</a>
A review study on different truss type railway steel bridge	PROF.SAYYED AAMIR HUSSAIN	IJSRED	2021	2581- 7175	<a href="http://www.ijsred.com/">http://www.ijsred.com/</a>
Earthquake induced liquefaction around the world.	PROF.RASHMI BADE	International journal of creative research thoughts	2021	2320-2882	<a href="https://ijcrt.org/">https://ijcrt.org/</a>
USES OF DISCARDED TYRE RUBBER CRUMB POWDER	PROF.SYED SOHAILUDDIN	International Journal of Scientific Research in Engineering and Management (IJSREM)	2021	2582-3930	<a href="http://ijsrem.com/">http://ijsrem.com/</a>
Waterproofing of roof with discarded Tyre rubber crumb powder	PROF.SYED SOHAILUDDIN	International Journal of Scientific Research and Engineering Development	2021	2582-3930	<a href="http://ijsrem.com/">http://ijsrem.com/</a>
SEISMIC PERFORMANCE OF OVERHEAD WATER TANK WITH OF DIFFERENT CAPACITIES & STAGING HEIGHT	PROF.AQUIB ANSARI	IRJMETS	2021	ISSN:2582-5208	<a href="https://www.irjmets.com/">https://www.irjmets.com/</a>
Mechanical Properties of Reinforcing Steel Bars Corroded at Different Levels	PROF.NASEERUDDIN HARIS	ACI Materials Journal	2021		<a href="https://www.concrete.org/publications/acimaterialsjournal.aspx">https://www.concrete.org/publications/acimaterialsjournal.aspx</a>
DESIGN OF IRREGULAR A- SHAPED MULTISTORY BUILDING	PROF.MOHD AZAZ	International Journal of of modernization in engineering technology and science	2021	ISSN:2582-5208	<a href="https://www.irjmets.com/">https://www.irjmets.com/</a>
COMPARATIVE STUDY OF GREY WATER TREATMENT AND MANAGEMENT USING DIFFERENT METHODOLOGY	PROF.SHAHID ARSHAD	International Research Journal of Modernization in Engineering Technology and Science	2021	ISSN:2582-5208	<a href="https://www.irjmets.com/">https://www.irjmets.com/</a>

# Workshop Town Planning in United States

**ANJUMAN COLLEGE OF ENGINEERING AND TECHNOLOGY**  
MANAGED BY ANJUMAN HAMI-E-ISLAM  
A NAAC Accredited Institute  
DEPARTMENT OF CIVIL ENGINEERING  
ORGANIZING

**Workshop on "Town Planning in United States"**  
21<sup>st</sup> June, 2020 from 5pm IST

Guest Speakers of the Webinar

  
Mrs. Devayani Puranik, Senior Planner, City of Dublin, Ohio USA

  
Ms. Nichole Martin, AICP, Planner II, City of Dublin, Ohio, USA

Reg Link: <https://forms.gle/ttJM5H8ue8DhrzeH9>

E-Certificate will be issued to all the attendee

Dr. S.M.All , Principal, ACET  
Prof. Ashfaque Ansari , HOD, Civil, ACET  
Prof. Rashmi G. Bade, Coordinator

Prof. Mohd Azaz, CO- Coordinator  
Prof. Mohd Atif, Member  
Prof. Mohd Ameenuddin, Member

# Workshop Innovation & Recent Trends in Civil Engineering

**ANJUMAN COLLEGE OF ENGINEERING AND TECHNOLOGY**  
MANAGED BY ANJUMAN HAMI-E-ISLAM  
ANAAC Accredited Institute  
DEPARTMENT OF CIVIL ENGINEERING  
ORGANIZING

**Workshop on "Innovation and recent trends in Civil Engineering"**  
9<sup>th</sup> & 10<sup>th</sup> June, 2020

Include Webinars by the Experts:

  
Dr. Vaidehi Dakwale, VNIT on "Recycled aggregate Concrete: An Overview"  
1<sup>st</sup> session- 11.30am to 1pm, 9<sup>th</sup> June.

  
Dr. Shrikant Tekade, GCOEN on "Climatic Change and Water Resources management"  
1<sup>st</sup> Session- 11.30am to 1pm, 10<sup>th</sup> June.

  
Dr. Tripti B Gupta, RCOEM on "Solid Waste and its Management"  
2<sup>nd</sup> Session- 4pm to 5.30pm, 10<sup>th</sup> June.

Reg Link: <https://forms.gle/philmgPrqZbTMnQEA>

E-Certificate will be issued to all the attendee

Dr. S.M.All , Principal, ACET  
Prof. Ashfaque Ansari , HOD, Civil, ACET  
Prof. R.G. Bade, Workshop Coordinator

Prof. Mohd Azaz, CO- Coordinator  
Prof. Mohd Atif, Member  
Prof. Mohd Ameenuddin, Member



# “BE A WINNER”

“Don’t stop, don’t tire, don’t be scared of pain”. “The pain never stays forever, never stays forever”. “One who stops due to crime, hides in the earth”. “Those rivers do not flow, do not flow”.

“When the curtain of the night will be lifted”. “The morning will pierce the sky and prevail”.

“The day has gone, the night has come but the day will come again”.

**“Don’t lose heart, the darkness will melt definitely”.**

“When the stars hide, what if the moon also avoids the gaze”. “You just keep going on”.

“Oh, free bird, “Oh, free bird, “Oh, free bird...”

“If to meet the morning, if you have to walk the entire night”. “Oh traveler, don’t stop”.

**“The morning has arrived”.**

“The mountain will break, when the rivers will flow”. “The earth will be sowed, every morning”.

“Oh traveler, it’s not very far, when your dry land, Will be sowed once again, every morning”.

“The past which has gone, has gone away”. “The tomorrow which will come, will be ours”.

**“The day has gone, the night has come but the day will come again”.**

“Don’t lose heart, the darkness will melt definitely”.

“When the stars hide, what if the moon also avoids the gaze”. “You just keep going on”.

**“Oh, free bird, “Oh, free bird, “Oh, free bird...”**

**AIMAN JAVED**  
Sixth Sem



# YOU JUST HAVE TO BELIEVE

If you jump from a high hill  
You will die...No,  
You will enter a new world of hope  
Which is full of your wishes  
You just have to believe

Everest is only a mountain  
Just like a shape prism  
It can’t hold your hopes,  
To reach at it’s peak point  
You just have to believe

Never give up  
Everything is possible  
The world is just too short to sink in,  
Let it go, and feel the universe.  
You just have to believe.

Effort and hard work are,  
the perseverance key to success,  
you can achieve which you dream  
You just have to believe

Never approve your mistakes as a sin  
because each mistake teach a lesson.  
Mistakes doesn’t ever taint your soul  
You just have to believe

Never give up in a situation  
You can’t hold up,  
Find a solution,  
There is always a choice,  
Which depends on you.  
You just have to believe

Mirror is just an image reflection of you.  
Who you are?  
Ask your inner self  
For this you just have to believe in yourself

**Patil Taresh Rakesh**  
4th Sem.



TEACHING STAFF

Civil engineering, the profession of designing and executing structural works that serve the general public, such as dams, bridges, aqueducts, canals, highways, power plants, sewerage systems, and other infrastructure. The term was first used in the 18th century to distinguish the newly recognized profession from military engineering, until then preeminent. From earliest times, however, engineers have engaged in peaceful activities, and many of the civil engineering works of ancient and medieval times—such as the Roman public baths, roads, bridges, and aqueducts; the Flemish canals; the Dutch sea defenses; the French Gothic cathedrals; and many other monuments—reveal a history of inventive genius and persistent experimentation.

