

## **ABOUT THE DEPARTMENT**

In the year 2012, the Civil Engineering department was formed. The department, which is one of the Institute's key engineering departments, has expanded enormously and is now acknowledged as one of the major engineering departments. Undergraduate civil engineering program contain not just civil engineering studies, but also value education, industrial training, placement training, and computer training, all of which are required to be a successful civil engineer in today's world. The department provides field and technical visits for scholars to get practical experience. The department also provides a postgraduate degree in structural engineering, which includes both core and elective courses (inter and intra department). Students can obtain practical experience through summer internships.

Teaching, Student activities, Research, and Consultation works are all priorities for the department. Faculty members in the department are highly qualified and experienced. In addition to the institute's primary library, the department has smart classrooms, counselling room, and its own library. Structural Engineering, Geotechnical Engineering, Environmental Engineering, Water Resources Engineering, Transportation Engineering, and other fields are covered by the faculty. Faculty members contribute to academic advancement through research publications and giving presentations at International and National conferences. The labs are well-equipped with cutting-edge technology.

### **MESSAGE FROM HOD**

Welcome to the Department of Civil Engineering!

You've come to the correct spot if you're seeking for a well-balanced and innovative teaching-learning environment in Civil Engineering. The Civil Engineering Department aspires to be a leader in teaching, learning, and professional development. To complement our academic program, we are fortunate to brag state-of-the-art laboratories and devoted academic and technical staff. Our department and its knowledgeable faculty provide practice-based education, equipping our students for a rewarding and successful profession. Needless to mention, almost 30% of our students from the last two graduating classes were placed in My Homes as well as for

higher education, demonstrating our academic superiority. Our graduates are especially well prepared for demanding employment, big project management, and being on the front lines.

So, why wait? Come and join us now and build the Nation!

### ABOUT NEWS LETTER

I am glad in publishing the Zero issue of the Departmental Newsletter "NIRMAN" for the academic year 2021 (Month: August - December). This newsletter exhibits the Conference, Workshops, Seminars, Events, Student Achievements and Faculty Achievements. It is great to find a considerable number of lectures and workshops helpful in sharing innovative ideas and knowledge. We do additional mentorship to our students through innovative technical sessions and seminars over the coming years. I thank all the faculty members and students for making this semester eventful in various aspects. I congratulate the team members in bringing this newsletter successfully.

### Advisor Committee

#### Advisor and Editor-in- chief

Dr. T. Naresh Kumar, Associate Professor and Head

Associate Editor

Mr. K. Vishnu Vardhan, Assistant Professor

Ms. N. Siri Chandana, Assistant Professor

Committee Member

Dr. D. Sreenivasulu, Associate Professor

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## NATIONAL CONFERENCE on R&AITS-2021

It was one day national conference on 28<sup>th</sup> august 2021 in virtual mode to provide profound research ideas in this pandemic situations for research aspirants and to showcase latest research finding and stood as huge inspiration for the research scholars in tough situations. The main motto of this conference was to exchange the knowledge among researcher to invent the noble material. The conference was graced by Dr. C. Sashidhar as a key note speaker and serving as a registrar, JNTUA, Ananthapuramu. The overall conference was very informative and have some innovative ideology to the usage of materials.



Hon'ble chief guest Dr. C. Sashidar,  
Institute Principal Dr. SMV. Narayana  
and Convener & Co-ordinator Dr. T Naresh Kumar

  
 Sri. Chagga Ganji Reddy Garu,  
Hon' Secretary

**National Conference**  
on  
**Research & Advanced Innovations in  
Technology and Sciences (R&AITS-2021)**  
(virtual mode)



**Annamacharya Institute of Technology and Sciences**  
An Autonomous Institution, New Boyanapalli, Rajampet-516126  
Approved by AICTE, New Delhi Affiliated to JNTUA.  
Accredited by NAAC 'A' Grade, Bangalore  
Recognized by UGC, New Delhi under section 2(f) & 12(B) as per UGC act 1956

**IMPORTANT DATES AND DEADLINES**  
 Notification for Call for Papers : August 10, 2021  
 Last date for submission : August 20, 2021  
 Notification of Acceptance : August 22, 2021  
 Final submission : August 25, 2021  
 Author's registration : August 26, 2021  
 Conference on 28<sup>th</sup> August 2021

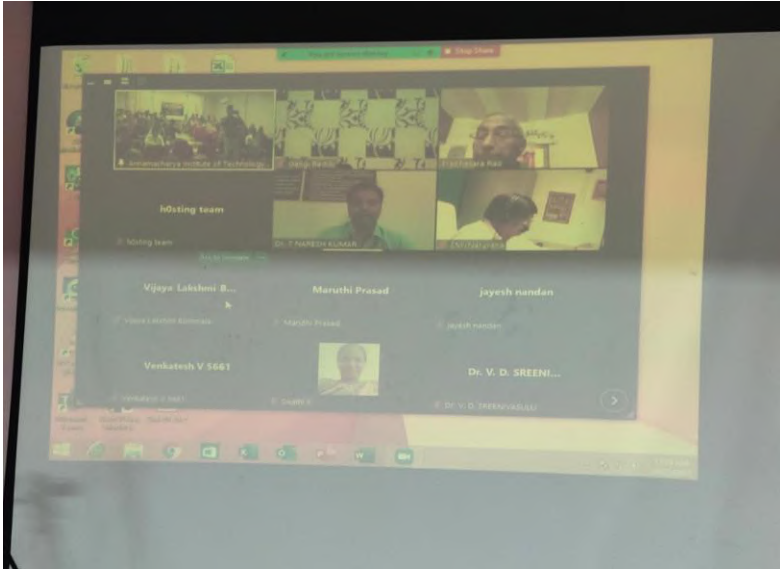


**Organized by**  
Department of Civil Engineering


## ATM 21(A NATIONAL LEVEL TECHNICAL SYMPOSIUM):

The department has organized a one day national level technical online student symposium on 25-Oct-2021 to enhance knowledge on current research trends in CIVIL ENGINEERING. Dr. C. SASHIDAR garu has graced the event as a chief guest and encouraged the students to take part in such symposiums to improve their knowledge.






Hon'ble chief guest Dr. C. Sashidar,  
 Director sri C. Gangi Reddy,  
 Institute Principal Dr. SMV. Narayana  
 and Head of the Department Dr. T Naresh Kumar



**ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES**  
 (AUTONOMOUS)  
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 RAJAMPET - 516126, Y.S.R. Kadapa Dt., A.P. Ph: 08665 - 251861 / 62 / 63



**ANNAMACHARYA TALENT MEET - 21**  
 A NATIONAL LEVEL TECHNICAL ONLINE STUDENT SYMPOSIUM

**25<sup>th</sup> - 30<sup>th</sup> OCT, 2021**

ATM - 21

Dates to Remember

Deadline for submission : 22/10/2021  
 Intimation of selection : 23/10/2021

For Details  
[website : www.aitsrajampet.ac.in](http://www.aitsrajampet.ac.in)

**Dept. of EEE on 25-10-2021**

Advances in Structural Engineering-Durability & Sustainability - Geotechnical Engineering - Environmental Engineering -Water Resources Engineering - Transportation Engineering - Construction Technology & Management - Computational Engineering - Nano Technology in Civil Engineering - Remote sensing & GIS

**Dept. of EEE on 26-10-2021**

Advance Energy Storage Technologies - wide area measurement systems - Wide band gap elements applications in Power Electronics - Smart Grid & Integration - Energy Conservation & Management - Connected appliances & smart Meters - IoT in EEE - Green & Renewable Energy Technologies - Energy Harvesting Techniques - Hybrid Vehicles - Intelligent Management of Electrical Systems in Industry - Recent Advances in Power Electronics & Adjustable Speed drives.

**Dept. of EEE on 27-10-2021**

VLSI - Nano - Embedded Technology - Digital Signal - Image / Speech Processing - Applied Electronics - Communication Systems and bio Medical Engineering - Ad\_hoc Networks - IoT in Electronics and communication Engineering.

**Dept. of EEE on 28-10-2021**

Engineering Materials - NanoSmart Materials - Renewable Energy Resources - Effective Solid Waste Management - Additive Manufacturing - Green Technology - Advanced Manufacturing - Concurrent Engineering - Supply Chain Management - Project Management - Advances in Thermal Engineering - Advanced Optimization Techniques - CAD/CAM/CIM/CAE - Advances in Composites & Manufacturing - Advances in Automobile Engineering - Artificial Intelligence in Manufacturing.

**Dept. of ESE, AI&DS and AI&ML on 28-10-2021**

Data mining - Big Data and analytics - Database Technology - Cloud Computing - Mobile Computing - Android - Social Network Analysis - Cyber Security - Ethical Hacking - Software Engineering - Software Testing/ Design Pattern - Wireless Sensor Networks - Cognitive computing - Robotics - Internet of Things - Data Sciences - Artificial Intelligence - Machine Learning - Image Processing-Computer Graphics- Web Mining - Computational Intelligence - Visual Computation.

**Dept. of MBA on 29-10-2021**

Innovations in Financial Products - Impact of Government Policies on Socioeconomic Development - Impact of Macroeconomic Factors on Indian Stock Market - Role of digital Economy in Nation Building - Achievements of Niti aayog.

**Dept. of MCA on 30-10-2021**

Distributed Databases - Computer Networks & Security - Software Engineering - Block Chain Technology - Artificial Neural Networks - Internet of Things (IoT) - Big Data - Cloud Computing - Machine Learning.

Chief Patron	Patron	Patron	Patron	Co-Patron	Convener
Sri. C. Gangi Reddy	Dr. C. Ramachandra Reddy	Sri. C. Yella Reddy	Sri. C. Abhishek Reddy	Dr. S.M.V. Narayana	Dr. M. Subba Rao
Hon. Secretary, A.E.T	Chairman, A.E.T	Vice-Chairman, A.E.T	Executive Director & Treasurer, A.E.T	Principal, A.I.T.S.	Dean-Student Affairs, A.I.T.S



# PLACEMENTS



**G. BHUDEVI**  
Placed in WIPRO  
3.75 LPA



**B. HIMAJA**  
Placed in WIPRO  
3.75 LPA



**V. CHANDRAKANTH REDDY**  
Placed in WIPRO



**M. AVINASH REDDY**  
Placed in WIPRO



**K. TARUN**  
Placed in WIPRO  
3.75 LPA



**N. V. SURENDRA KUMAR**  
Placed in WIPRO  
3.75 LPA



**G. SUJITH KUMAR**  
Placed in WIPRO  
3.75 LPA



**M. GURU SAI**  
Placed in TCS  
3.75 LPA



**S. Lokesh**  
Placed in TCS  
3.75 LPA



**M. ASWINI**  
Placed in DXC  
4 LPA





Students selected for cognizant with principal Dr. SMV. NARAYANA and Head of the Department Dr. T. NARESH KUMAR.



J. NAGA KASI DIXITH Placed in CTS



M. PRAVEEN KUMAR Placed in CTS



N. SWAROOPA Placed in CTS 4 LPA



M. SREEJA Placed in CTS 4 LPA



S. VISHNUPRIYA Placed in CTS 4 LPA



S. YASEEN Placed in CTS 4 LPA



K. SIVA REDDY Placed in CTS 4 LPA



N. SUDARSHAN Placed in CTS 4 LPA



A. SHIVAKUMAR Placed in CTS 4 LPA



GANESH REDDY Placed in CTS 4 LPA



M. ASWINI Placed in CTS 4 LPA

## EVENTS CONDUCTED IN DEPARTMENT:

### Constitution Day

In the month of November, a Quiz competition was organized by the department on 26<sup>th</sup> of this month on the occasion of Constitution Day and the prizes were distributed by the vice chairman of the institute Sri C. Yella Reddy garu, Principal Dr. SMV. Narayana and Head of the Department Dr. T. Naresh Kumar.

Winners of the event with institute vice chairman sri C. Yella Reddy garu, Principal Dr. SMV. Narayana and Head of the Department Dr. T. Naresh Kumar and coordinators Mr S. V. V. Prasad and Mr K. Vishnu Vardhan.



### National Pollution Control Day

A National Event took part on behalf of the NATIONAL POLLUTION CONTROL DAY by the department of Civil Engineering on 2<sup>nd</sup> Dec 2021. On this occasion the elocution and drawing competitions were held. The prizes were distributed in the departmental seminar hall and the event was graced by Executive Director of the institute Sri C. Abhishek Reddy garu.

Winners of the event with Institute Executive Director Sri C. Abhishek Reddy garu, Institute Principal Dr. SMV. Narayana and Head of the Department Dr. T. Naresh Kumar and coordinators Mr S.V.V.Prasad and Mr K. Vishnu Vardhan.





## Mathematics Day

A National level quiz Competition was held on Mathematics Day (26<sup>th</sup> Dec) celebrating the birth anniversary of the great Indian mathematician Srinivasa Ramanujan. Principal of the institute Dr. SMV. Narayana garu has attended the event as a chief guest and distributed the prizes to the students at the Civil Engineering Departmental seminar hall.



Participants of the event with Institute Principal Dr. SMV. Narayana and Head of the Department Dr. T. Naresh Kumar and coordinators Mr S .V. V. Prasad and Mr K. Vishnu Vardhan.

## National Short film Day

A short film contest is held for the students on the eve of National Short film Day on 28<sup>th</sup> Dec 2021. Students had participated very eagerly and directed many short films. Principal of the institute Dr. SMV Narayana has attended the event and awarded the winners and participants at the Civil Engineering Departmental seminar hall.



Participants at the event with institute Principal Dr. S M V. Narayana and Head of the Department Dr. T. Naresh Kumar, coordinators Mr. A. Anil Kumar, N. Siri Chandana and department faculty.



## STUDENT ACHIEVEMENTS

- ✚ Mr. B. Madhusudhan Reddy, of III B.Tech Civil Engineering has won the GOLD MEDAL in 1st A.P State Grappling (Wrestling) championship 2021 held at KVK Indoor Stadium , Anantapuramu on 2nd and 3rd October 2021.
- ✚ Mr. H. Pavan Kalyan of III year A- sec has won 1st prize in SPICES logo design competition contest conducted by AITS student welfare club from Civil engineering department.
- ✚ Mr. D Harish of IV -A Sec has won 2nd prize in SPICES logo design competition contest conducted by AITS student welfare club from Civil engineering department.
- ✚ Mr. B. Dinesh of III-B Sec has won 2nd prize in SPICES logo design competition contest conducted by AITS student welfare club from Civil engineering department.
- ✚ Miss K.Sucharitha of III-C Sec has won participation prize in SPICES logo design competition contest conducted by AITS student welfare club from Civil engineering department.
- ✚ Miss D. Viswasree of III-C Sec has won participation prize in SPICES logo design competition contest conducted by AITS student welfare club from Civil engineering department.
- ✚ Miss D. Viswasree and Miss G. Lakshmi Manasa of III YEAR won 1st prize in ATM 21 for her presentation on "PLASTIC ROADS".
- ✚ Mr L. Kumar, Mr T. Hari Krishna, Mr K. Naveen Kumar, Mr. R. Mustaq Basha of III YEAR B-sec has won first prize in quiz competition on constitution of India on constitution day.
- ✚ Mr K. Anand of II YEAR A-Sec has won first prize in elocution competition in a national level competition on the eve of national pollution control day.
- ✚ Mr M. Gireesh II YEAR A-Sec has won first prize in drawing competition in a national level competition on the eve of national pollution control day.
- ✚ Mr S. Nasar Basha, Mr H. Pavan Kalyan, Mr M. Bala Krishna Reddy, III YEAR A-Sec has won first prize in quiz Competition on Mathematics Day.
- ✚ Mr B. Dinesh has won the III A-sec has won the best screenplay award in the short film contest on national short film day.
- ✚ Mr K. Gowtham has won the II A-sec has won the best editor award in the short film contest on national short film day.

- ✦ Mr P. Fayaz Khan has won the II A-sec has won the best Director of Photography award in the short film contest on national short film day.
- ✦ Mr C. Raj Kumar has won the III A-sec has won the best concept award in the short film contest on national short film day.
- ✦ Mr P. Abbas Khan has won the II A-sec has won the best script writer award in the short film contest on national short film day.
- ✦ Mr L. Sudershan has won the III C-sec has won the best director award in the short film contest on national short film day.
- ✦ Mr B. Ashok and his Team of II A-sec has won the best Short Film award in the short film contest on national short film day.

## PAPER CLIPPINGS

### విద్యార్థులు అన్ని రంగాలలో ముందు ఉండాలి

రాజంపేట, డిసెంబర్ 28 (ప్రభన్యూస్) బోయనపల్లిలోని అన్నమాచార్య ఇంజనీరింగ్ కళాశాలలోని సివిల్ ఇంజనీరింగ్ విభాగం ఆధ్వర్యంలో మంగళవారం జాతీయ లఘు చిత్రం (నేషనల్ షార్ట్ ఫిల్మ్ డే) దినోత్సవంను ప్రీన్సిపాల్ డాక్టర్ ఎన్.ఎం.వి నారాయణ ఆధ్వర్యంలో నిర్వహించారు. ఈ కార్యక్రమంలో భాగంగా లఘుచిత్ర పోటీలు నిర్వహించడం జరిగింది. ఇందులో ఐదు చిత్రాలను ఉత్తమమైన లఘుచిత్రాలుగా ఎంపిక చేశారు. అందులో నుంచి చివరగా మానవతా విలువలను వివరిస్తూ తీసిన హ్యూమానిటీ (మానవత్వం) అనే లఘుచిత్రం ఉత్తమ లఘుచిత్ర పురస్కారాన్ని పొందింది. ఈ చిత్రాన్ని సివిల్ ఇంజనీరింగ్ విభాగంలోని బిటెక్ ద్వితీయ సంవత్సరం చదువుతున్న విద్యార్థులు నిర్మించారు. ఈ సందర్భంగా ఉత్తమ దర్శకులుగా తృతీయ సంవత్సరం బిటెక్ చదు

వుతున్న ఎల్ సుదర్శన్ మొదటి బహుమతి గెలుపొందారు. ఉత్తమ స్క్రిప్ట్ రైటర్ గా బిటెక్ ద్వితీయ సంవత్సరం చదువుతున్న విద్యార్థి పి అబ్బాస్ ఖాన్ మొదటి బహుమతి గెలుచుకున్నాడు. స్ట్రీన్ ప్లే విభాగంలో ఉత్తమ స్ట్రీన్ ప్లే పురస్కారాన్ని బిటెక్ తృతీయ సంవత్సరం విద్యార్థి బి దినేష్ గెలుచుకున్నాడు. ఉత్తమ సినీమాటోగ్రాఫర్ గా బిటెక్ ద్వితీయ సంవత్సరం విద్యార్థి పి ఫయాజ్ ఖాన్ గెలుపొందాడు. ఉత్తమ ఎడిటర్ పురస్కారాన్ని బిటెక్ ద్వితీయ సంవత్సరం చదువుతున్న కె గౌతమ్ గెలుచుకున్నాడు. ఉత్తమ సందేశాత్మక విషయ రచయితగా బిటెక్ ద్వితీయ సంవత్సరం చదువుతున్న సి రాజకుమార్ పురస్కారాన్ని అందుకున్నాడని కళాశాల ప్రీన్సిపాల్ డాక్టర్ ఎన్.ఎం.వి నారాయణ తెలియజేశారు. ఈ సందర్భంగా వారు మాట్లాడుతూ తమ కళాశాలలో విద్యతోపాటు ఇలాంటి



విద్యార్థిని అభినందిస్తున్న ప్రీన్సిపాల్, అధ్యాపకులు

సాంస్కృతిక, కలల విభాగంలో విద్యార్థులను ప్రోత్సహిస్తుందిని తెలియజేశారు. తదుపరి ప్రీన్సిపాల్ డాక్టర్ ఎన్.ఎం.వి నారాయణ, వైస్ చైర్మన్ చొప్పా ఎల్లారెడ్డి గెలుపొందిన విద్యార్థులను అభినందించి పురస్కారాలు అందజేశారు. ఈ కార్యక్రమంలో సివిల్ ఇంజనీరింగ్ విభాగాధిపతి డాక్టర్ టి నరేష్ కుమార్, కార్యక్రమ సమన్వయ కర్తలు ఎ అనీల్ కుమార్, ఎన్ సిరిచందనలు పాల్గొన్నారు.



Wed, 29 December 2021

<https://epaper.prabhanews.com/c/65263011>



DEPARTMENT OF CIVIL ENGINEERING



### కుస్తీ పోటీలో ఎఫటీఎస్ విద్యార్థికి బంగారు పతకం



విద్యార్థిని అభినందిస్తున్న కళాశాల యాజమాన్యం

రాజంపేట, అక్టోబర్ 7 (ప్రభున్యూస్) : బోయనపల్లిలోని అన్నమాచార్య ఇంజనీరింగ్ కళాశాలలో బిబిక్ సివిల్ ఇంజనీరింగ్ తృతీయ సంవత్సరం చదువుతున్న బి మధుసూదన్ రెడ్డి ఈనెల 2,3వ తేదీలలో అనంతపురంలోని కెవికె ఇండోర్ స్టేడియంలో నార్పలా నందు గ్రాఫ్టింగ్ కమిటీ ఆఫ్ ఆంధ్రప్రదేశ్ వారి ఆధ్వర్యంలో నిర్వహించిన చాంఫియన్ షిప్-2021 కుస్తీ పోటీలలో ఓపెన్ కేటగిరి విభాగంలో బంగారు పతకం సాధించినట్లు కళాశాల ప్రిన్సిపాల్ డాక్టర్ ఎస్ఎంవి నారాయణ వెల్లడించారు. ఈనెల 20వ తేదీ నుంచి 22వ తేదీ వరకు ఇందిరాగాంధీ నేషనల్ స్టేడియం న్యూడిల్లిలో జరగబోయే చాంఫియన్ షిప్లో మధుసూదన్ రెడ్డి పాల్గొననున్నట్లు ఫిజికల్ డైరెక్టర్ బి నాగముని తెలిపారు. తదుపరి బంగారు పతకం సాధించిన విద్యార్థిని కళాశాల వైస్ చైర్మన్ చొప్పా ఎల్లారెడ్డి, అధ్యాపకులు అభినందించారు.

## FACULTY ACHIEVEMENTS:

### JOURNALS PUBLISHED:

- Dr. T. Naresh kumar published two papers on ELSEVIER- MATERIALS TODAY
- "Effect of graphene oxide on fresh, hardened and mechanical properties of cement mortar" Vol: 46, AUG 2021, pp 2235-2239.
  - "Effect of graphene oxide on strength properties of cementitious materials: A Review" Vol: 46, AUG 2021, pp 2157-2260.

### FDP'S ATTENDED:

- Dr. T Naresh Kumar Associate professor, HOD of CE has undergone an Innovation Ambassador training (Foundation Level, Total 16 Sessions of 30 contact hours) conducted by MoE's Innovation Cell & AICTE during the period from 30th June - 30th July 2021 in online mode.
- Dr. T Naresh Kumar Associate professor, HOD of CE has attended a 2 weeks FDP on "Advances In FEA using ANSYS 2021 R2" at Sharad institute of technology college of engineering from 17-08-2021 to 27-8-2021.

- Dr. T Naresh Kumar Associate professor, HOD of CE has attended a 2 weeks FDP on “a2z of NBA Accreditation process” at Indraprastha Engineering college, Ghaziabad from 24-08-2021 to 09-09-2021.
- Dr. D. Sreenivasulu Associate professor Dept. of CE has attended a 2 weeks FDP on “Sustainable developments and practices in geotechnical and geoenvironmental engineering” at Rajagiri School of engineering & technology from 12-10-2021 to 23-10-2021.
- Miss N. Siri chandana Assistant professor in Dept. of CE has attended a 5 day online FDP on “Advances in numerical methods for engineering structures: fundamentals toward applications” by AICTE from 25-10-2021 to 29-10-2021.
- Miss N. Siri chandana Assistant professor in Dept. of CE has attended a 5 days online elementary FDP on “Structural dynamics and earthquake resistant design of structures” by AICTE from 24-08-2021 to 24-08-2021.
- Dr. D. Sreenivasulu Associate professor Dept. of CE has attended a 3 day virtual workshop on “Site investigation and soil exploration techniques for geotechnical engineering” from B.S Abdur Rahman crescent institute of science and technology, Chennai, from 09-11-2021 to 11-11-2021.
- Mr. K. Vishnu Vardhan Assistant professor Dept. of CE has attended a 3 day webinar series on “Latex/Kile software: A Scientific Documentation” from Rajiv Gandhi Memorial College of Engineering & Technology (Autonomous), Nandyal, from 18-11-2021 to 20-11-2021.
- Miss K.Rajitha Assistant professor in Dept. of CE has attended a 5 day online FDP on “EDP on Fostering start-up, innovation and Entrepreneurship/ intrapreneurship” by AICTE from 06-12-2021 to 10-12-2021 at Andhra university.
- Dr. D. Sreenivasulu Associate professor Dept. of CE has attended a 5 day FDP on “Transportation geotechniques and materials for sustainable infrastructure (tgmsi-2021)” at Swami Keshavanand institute of technology from 13-12-2021 to 17-12-2021.
- Mr V.Haneef has participated in *EXPERTRONS* and officially completed masterclasses on sales.

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