

# ISO 9001:2015 AICTE Approved

# **ADIKAVI NANNAYA UNIVERSITY**

UNIVERSITY COLLEGE OF ENGINEERING RAJAMAHENDRAVARAM

**Engineers' Day Celebrations** 

# ADVIKA'21

# On Birth Aniverseray of Bharat Ratna Sri Moksha Gundam Viswesvarayya (1861-1962)

15 September 2021

# **INTRODUCTION**

Advika is an annual event conducted by University College of Engineering, Adikavi Nannaya University with the intention to create a platform for students across the nation to showcase their skills and innovative ideas.

Every year, this fest is celebrated grandly with events and competitions organized by our engineering students. Advika 21 saw 700 student participants from our University College of Engineering, A total of 06 events were held in this occasion.

ADVIKA 2021 is organized on a small-scale keeping in mind the existing guidelines of Government for containing COVID 19. in this occasion we have conducted 06: *Project Expo, Techno buzz, Techno diction, Techno Screen, Techno Strom , Treasure Hunt.* events are organized and to further encourage the gathering of students with the them *Innovative and Creative Ideas to develop Adikavi Nannaya University* is planned for the studentsof University College of Engineering, the events are recorded and telecast over the University YouTube Channel.

Due to COVID-19 Pandemic, it has been have decided, under the guidance of Hon'ble Vice Chancellor, to organize the event in a small scale limited to the Engineering students of our university.

ADVIKA'21 is organized by University College of Engineering and keeping in mind the existing guidelines of Government for containing COVID 19. On this occasion various events titled as like project expo, paper and poster presentation and students are actively participated, they are expose their Innovative and Creative Ideas to develop their skills in the various events.

## **OBJECTIVES OF THE PROGRAM**

The principle objective of ADVIKA is to showcase innovative and creative ideas of the students in the frontiers of different fields of engineering. It is an annual tradition of the University College of Engineering to hold this intercollegiate function for the engineering colleges. Every year, a host of events are organized ranging from quizzes to cultural competitions that attract students from various colleges across India. ADVIKA'21 is organized on a small-scale keeping in mind the existing guidelines of Government for containing COVID 19. Advika 2021 saw 250 student participants from University College of Engineering from various department and organized and to further discourage the gathering of students, the event is recorded and telecast over the University YouTube Channel. So here on this occasion we are conducted six events such as

- 1. Project Expo
- 2. Techno buzz
- 3. Techno diction
- 4. Techno Screen
- 5. Techno Strom
- 6. Treasure Hunt

# **ORGANIZERS:**

University College of Engineering, Adikavi Nannaya University, Rajamahendravaram ORGANIZER'S DETAILS

# Convener

# Mr. A Vijaya Durga Asst Prof, Dept of ECE

Mr. A Vijaya Durga has over 9 years of experience of teaching in Electronics and Communication Engineering UG levels. He has



the experience of organizing and coordinating workshops and seminars at National and International levels. He has published many papers in reputed journals in Electronic Engineering.

He currently works as an Assistant Professor, Department of ECE, University College of Engineering, Adikavi Nannaya University. He is the Course coordinator of ECE and an active member of NAAC Criterion Committee and well Department administration.

# President



# Dr V Persis Principal UCE

Dr. Persis Voola, Associate Professor, Department of CSE, University College of Engineering joined Adikavi Nannaya University in 2008. She obtained her doctorate from Acharya Nagarjuna University in Computer Science and Engineering in 2015. She has since then taken up many administrative positions including Head of the Department of CSE, Hon. Director of Examinations, UG Courses.

She currently heads the University College of Engineering as Principal. She is also the coordinator for Unnat Bharat Abhiyan and ISO Core committee member. She organised workshops and seminars on various pertinent topics of Computer Science and Engineering. Her interests include: Blockchain Technology, AI and IoT.

# Chief Guest Prof M Jagannadha Rao Hon'ble Vice Chancellor, Adikavi Nannaya University



Prof. Mokka Jagannadha Rao has done his education both in India and Aboard. He got his Master's degree in Engineering from University of Alaska, USA. He got his Ph.D. from Andhra University, Visakhapatnam, in the year 1985.He joined as Assistant professor in the Department of Geology, Andhra University in 1986 and later promoted to Professor and head of the department from the same department.

He is a serious researcher and academician having more than 33 years of experience in both teaching and research. He has published nearly 150 papers in National and International Journals. 33 scholars got awarded their PhDs under his guidance. His students are not only from geology but also from Computer Science, Geo Engineering, Geo Physics and Allied Physics.

He has strong research Collaboration with various organizations from USA, Canada and Australia. He has completed 8 funded projects, from leading funding agencies of this Country, including DST, UGC, CSIR, DOD, APMDC-DMRTUF, MoES, ISRO and ONGC. He got huge consultancy projects from ONGC namely:

- 1. Studies on Holocene Evolution of Mahanadi Delta,
- Studies on Land Subsidence due to Hydrocarbon exploration and exploitation at KG-PG Basin, A Pulsing Remote Sensing and Field studies.

He has a vast experience in administration. He held various administrative positions:

- 1. Director for Information Management Centre, Andhra University
- 2. Dean for PG& Professional Examinations, Andhra University
- 3. Director for International Students Affairs-Andhra University
- 4. Director for Delta studies Institute-Andhra University
- 5. Chairman for Board of Studies, Dept. of Geosciences, Ambedkar University, Srikakulam, AP

# **Special Guest**

# Sri. B Sudhakar Babu, CHIEF ENGINEER, POLAVARAM IRRIGATION PROJECT.

Sri. BURRI SUDHAKARA BABU his present CHIEF ENGINEER, PIP, DOWLAISWARAM. He got his Master's degree in Engineering in M.TECH (Water Resources Department). He joined as Assistant Executive Engineer in the Quality Control Laboratory and allied works, NSRC L & T Subdivision, Lingamguntla, Narasaraopeta, February 1987 to November 1994. Sir has done various **Cadre** in engineering irrigation divisions as Assistant Executive Engineer to Chief Engineer. sir has nearly 38 years service.



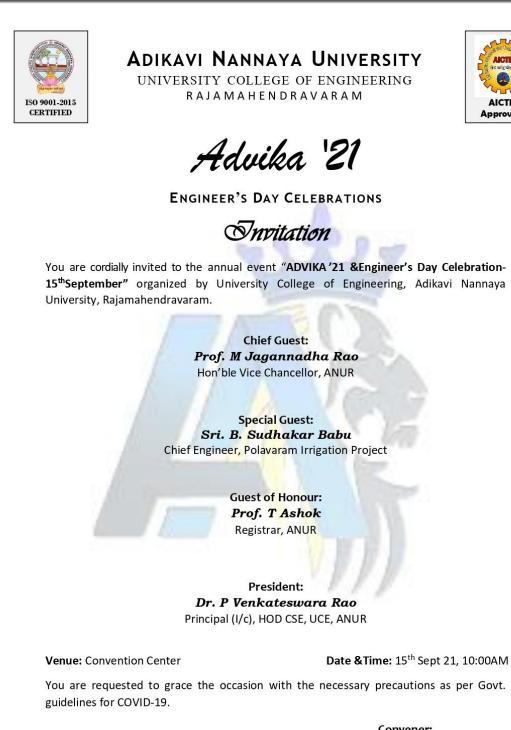
# **MAJOR ACHIEVEMENTS:**

- 1. In cadre of AEE, implementation of On & Off in the canal system during the water regulation period to supply water to the Tail End ayacatdars of Thangeda Major under Nagarjuna Sagar Right Canal System.
- 2. In the cadre of DEE, 3 Tail End Major Canals of Vankayalapadu major, Bandarupalli major and Kondaveedu major of Guntur Branch Canal are renovated with WUA funds and also involved the WUAs in executing the works and water released to these major tail ends, after a gap of 17 years to an ayacut of 80,000 Acres.
- 3. In the cadre of EE, Estimates for Modernization of Nagarjuna Sagar Right Canal System were prepared for World Bank Funding. Better Water Regulation made by implementing effective Water Management Plan i.e On & Off System. Supplied water to the Tail End Majors and Minors in the jurisdiction of NSJC, O & M Division, Sattenapalli.
- 4. In the cadre of SE, Gandikota Tunnel works (Length 5.25 Kms, 18m dia tunnel) works are executed within 3.5 years except tunnel lining and also Gandikota CBR Lift Scheme (3 Nos II,III IV). HNSS Phase I & II Execution of canal systems are completed and four reservoirs are completed in Ananthapur district.
- 5. In the cadre of CE, HNSS phase II reservoir (Gollapalli Reservior, Cherlopalli Reservoir, Marala Reservoir) works are completed, water being stored in the reservoirs and all these reservoirs were inaugurated. KIA Motor Industry located in Ananthapur district, based on the source of Gollapalli Reservoir in Ananthapur district is also major achievement. Due to storage of water in the reservoirs, abnormal improvement in ground water takes place in the surrounding areas, in the drought prone areas in Ananthapur District.
- 6. In the cadre of CE, First Reverse Tendering process initiated for Polavaram Irrigation Project and saved Rs.838Crores on reverse tendering process in PIPHW and its connectivities. Spill way, Spill Channel, Approach Channel & U/S Coffer Dam works are executed in the time bound schedule in the Pandemic situation of Covid -19.
- 7. Received Best Engineer Award/ Certificate from Collector, Guntur Dist., Collector Kadapa Dist.,(Twice), Collector Ananthapur Dist.,(Twice) and Collector Chittoor Dist.,(Once).

## Flyer



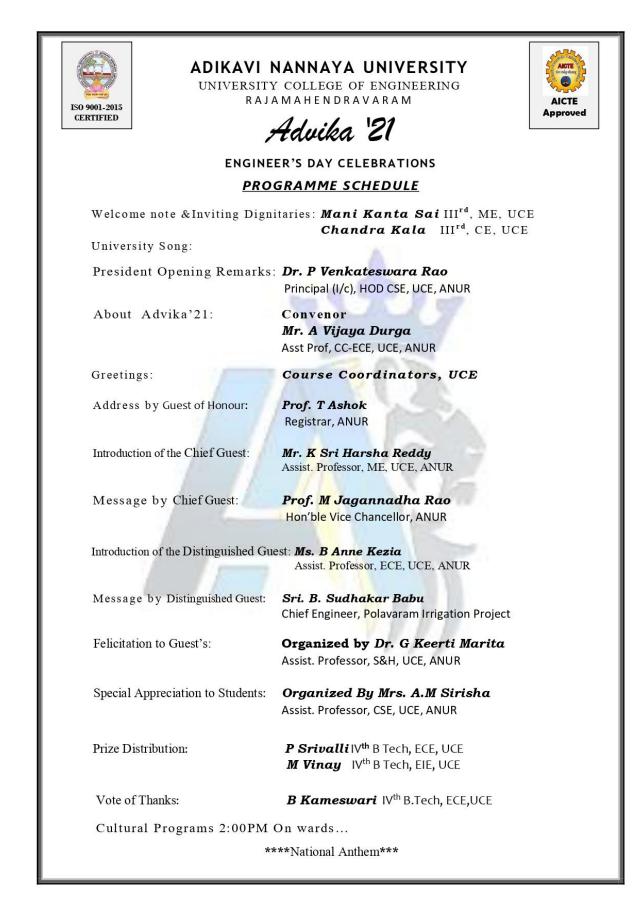
### **INVITATION**



ANCITE AICTE Approved

Convener: Mr. A Vijaya Durga Asst Prof, ECE, UCE, ANUR

### **PROGRAM SHEET**



#### **Special Appreciation Students:**

- 1. Kavuri Deepthi Sai Kiran B.Tech, EIE, UCE
  - Has actively participated and has secured 1<sup>st</sup> position in India Skills L2 Competition from 6<sup>th</sup> to 7<sup>th</sup> September 2021 held at Motocorp Ltd., Dharuhera for "Industrial Control" Skill Category. Organized by Electronic Sector Skills Council of India (ESSCI).
- 2. Yedala Kranthi Kiran B.Tech, CSE, UCE

Tava Naga Spandana B.Tech, CSE, UCE

#### > ZERO – Distance APP

Under the guidance of Dr. V Persis Associate Professor, Department of CSE University college of engineering, Adikavi Nannaya University.

### **Program Details**

ADVIKA 2021 is organized by University College of Engineering at NTR Convention Center, Adikavi Nannaya University at 15-09-2021 at 10:00 AM following all the Government prescribed precautions for containing COVID 19.

The event was presided by Hon'ble Vice Chancellor Prof. M. Jagannadha Rao as the Chief Guest with Dr Dr P Venkateswara Rao as President and Mr. A Allikani Vijaya Durga as Convener. Prof T Ashko, Registrar and, Heads of the Department and faculty members.

The President remarked that the small-scale organization of the event is primarily to prevent dangerous levels of gathering of students hence it is limited to the students of University College of Engineering. She stated that ADVIKA 2021 is an annual tradition of University College of Engineering where in Engineering students from all over India participate to showcase their skillsand innovations.

Hon'ble Vice Chancellor Prof M Jagannadha Rao in his address stated that University encourages innovation from students and asked the faculty to enthuse the students with necessary zeal to think creatively.

Speaking on the occasion, the Convener of Advika 2021,Mr. A Vijaya Durga reported that six events was conducted and attracted 31 submissions from the engineering students of the University. Three best submissions were selected and are awarded certificates.

# **Convener's Report**

Advika is an annual event conducted by University College of Engineering, Adikavi Nannaya University with the intention to create a platform for students across the nation to showcase their skills and innovative ideas.

Every year, this fest is celebrated grandly with events and competitions organized by our engineering students. Advika 2021 saw 300 student participants from our college. A total of 06 events were held.

Due to CoVID Pandemic, we have decided, under the guidance of Hon'ble Vice Chancellor, to organize the event in a small scale limited to the Engineering students of our university.

On this occasion, various events are conducted by the organizing with the theme Innovative and Creative Ideas to develop Adikavi Nannaya University is planned for the students of University College of Engineering.

Under the guidance of Hon'ble Vice Chancellor Sir, we have six Student Clubs. In this function the Student Clubs are giving their support for the success of the this event – each representing a branch of Engineering.

- 1. RISE Club: Dept of S&H with myself as faculty coordinator.
- 2. BIT Club: Dept. of CSE with Mr. N Rahul Pal as faculty coordinator.
- 3. VECTOR Club: Dept. of ECE with Ms. Annie Keziah as faculty coordinator.
- 4. Instrument Genie: Dept of EIE with Mr.J Hanumanthu as faculty coordinator.
- 5. NIRMAN :Dept of CIVIL with Mr. G Niranjan as faculty coordinator.
- 6. YANTRIK :Dept of MECH with Dr. K Harsha Reddy as faculty coordinator.

# Project Expo & Techno Screen:

Show casing the student's project to the industries was the main objective and thereby enhancing the project quality as per the need of industry, with this in mind University College of Engineering had initiated the concept of Project Expo and Project poster presentation(**Techno Screen**).

# Techno buzz:

The **Techno buzz** (Quiz) Objective behind to organize Quiz competition is to evaluate the knowledge of the participants within academics as well as beyond academics and to make them familiar with the prospects of quizzes and the objectivity of the questions. The main purpose of the competition to develop interest in subject areas of Engineering and including competitive aspects.

# **Techno diction:**

The **Techno diction** (Elocution) is the way or the manner of speaking. In simple language Elocution is the manner of expressing words and ideas in the most expressive way. You have to express your speech through gestures and facial expressions. In this Ladies and gents can use different gestures like crossing feet instead of legs, taking off hat while entering into some formal event and many others.

# **Techno Strom:**

The **Techno Strom (Paper Presentation)** main advantage or motto of the presenting paper is to bring students out of stage fear and also improve their communication skills. It also provides you an opportunity to learn in detailed about a core subject which is a part of curriculum and develop effective presentation skills.

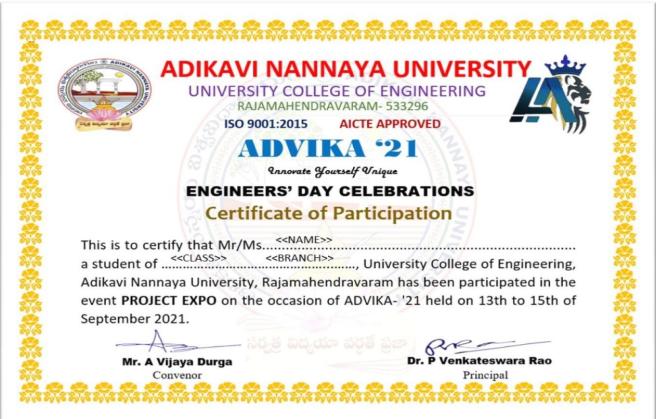
The Winners of the event with the details of their proposed ideas given below:
--

S.NO.	TOPIC	NAME OF THE STUDENTS	POSITION
01	Project Expo	N Rakesh Nirmal K Sandeep Kumar E Manohar	$I^{st}$
		Giri Yaram G Sahith	$\mathrm{II}^{\mathrm{nd}}$
02	Techno buzz	A Dharma Rao S S N S Vignesh K Durga Badrinath	$I^{st}$
		D Yamini K Uma Maheswari D Durga Bhavani	II <sup>nd</sup>
03	Techno diction	D Martina Joicy	I <sup>st</sup>
		P Srivalli M Sindhu	$\mathrm{II}^{\mathrm{nd}}$
04		S Lakshminarayana	I <sup>st</sup>
	Techno Screen	Y Keerthana K L Manasa	$\Pi^{nd}$
05	Techno Strom	M D Arhaan B Deepak	I <sup>st</sup>
		K S V S Chaturya D Gowardhini	II <sup>nd</sup>
06	Treasure Hunt	K Yeswanth Raj D Lokesh D Raja Babu S Neeraj P Mounika	$\mathbf{I}^{\mathrm{st}}$
		Y Jagadeesh S V S Najarjona A Lakshmi Devi S Rejesh I Simhachalam	$\mathrm{II}^{\mathrm{nd}}$

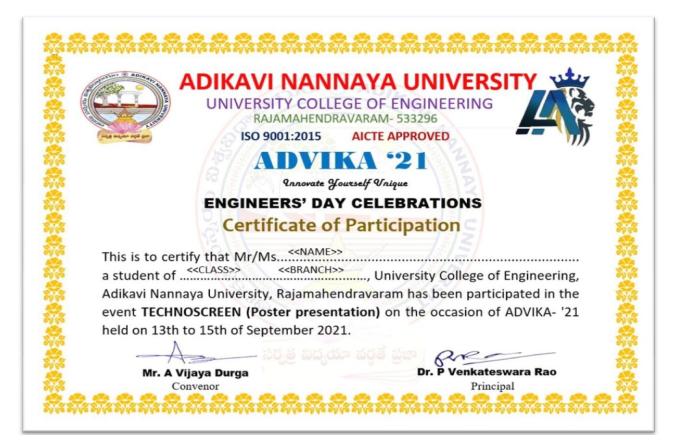
# **Certificate Of Appreciation:**

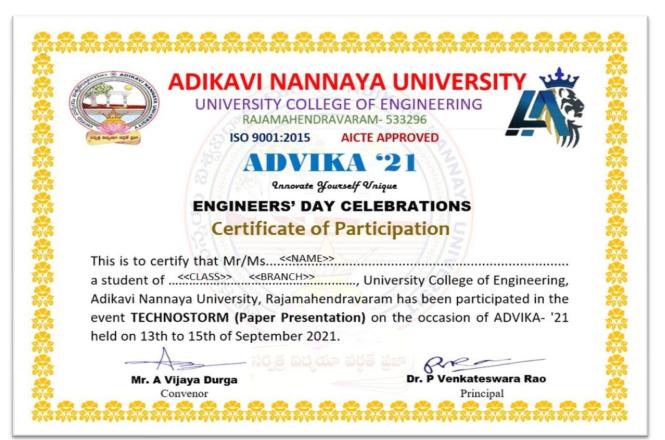


## **E** Certificate:













Welcoming to the Dignitaries



Garlanding: Bharat Ratna Sri. Moksha Gundam Viswesvarayya



University Song



Project Expo: Home Automation using IoT ESP32



Project Expo: Smoke Detector using Arduino UNO



Project Expo: Automatic Watering System using Arduino UNO



Project Expo: Line follower Robot using Arduino UNO



Poster Presentation: Digital Empowerment





Address by Chief Guest

Address by Special Guest





Special Appreciation: Kavuri Deepthi Sai Kiran 1st Position in Skill India L2 Competition "Industrial Control"



Presentation of Certificates to Techno diction Winners



Presentation of Certificates to Techno buzz Runners up



Presentation of Certificates to Techno Strom Winners



Felicitation to Special Guest



"National Anthem"

### Paper Clippings

### వచ్చే పదాదికి 'పోలవరం' పూర్తి చేయడమే లక్ష్మ

• ఆ ప్రాజెక్టు చీఫ్ ఇంజినీర్ సుధాకర్ • 'నన్నయ'లో అద్విక 2 కే 21 ఫెస్ట్

రాజానగరం: పోలవరం ప్రాజెక్టును 2022 జాన్కు పూర్తి చేయాలనే లక్ష్యంతో పనిచేస్తు న్నామని ఆ ప్రాజెక్టు చీఫ్ ఇంజినీర్ బి.సుధాకర్ తెలిపారు. ఇంజిసీర్స్ డే సందర్భంగా బుధవారం స్థానిక ఆదికవి నన్నయ యూనవర్సిటీ, కాలేజ్ ఆఫ్ ఇంజినీరింగ్ ఆధ్వర్యంలో అద్విక 2 కే 21 ఫెస్ట్ నిర్వహించారు. ఈ సందర్బంగా మోక్షగుం డం విశ్వేశ్వరయ్య చిత్రపటానికి పూలమాల వేసి నివాకులర్పెంచారు. ప్రత్యేక అతిథిగా హాజరైన సుధాకర్ మాట్లాడుతూ మోక్షగుండం విశ్వేశ్వ నుధారం మార్పెటిందా మ్యార్మిందా తీసుకుని రయ్య, సర్ ఆర్టర్ కాటన్ను స్పూర్తిగా తీసుకుని యువ ఇంజినీర్లు దేశాభివృద్ధిలో భాగస్వాములు కావాలన్నారు. వీసీ ఆచార్య ఎం.జగన్నాథరావు మాట్లాడుతూ యువ ఇంజినీర్లు సృజనాత్మకతతో కూడిన ఆలోచనలతో నూతన అవిష్కరణలు చేయాలన్నారు. ఇంజిసీర్స్ డే సందర్భంగా



మోక్షగుండం విశ్వేశ్వరయ్య చిత్రపటానికి పుష్ఫాంజలి ఘటిస్తున్న వీసీ ఆచార్య జగన్నాథరా 'పోలవరం' చీప్ ఇంజినీర్ సుదాకర్

విద్యార్థులకు నిర్వహించిన పోస్టర్ ప్రజెంటే: పేపర్ (ప్రజెంటేషన్, క్విజ్, పవర్ పాయి ్ ప్రజెంటేషన్, క్విజ్, ప్రదర్ పాయి ప్రజెంటేషన్, టైజరర్ హంట్, వకృత్వం తది పోటీల్లో విజేతలకు బహుమతులు, ద్రువీక పణాలు అందజేశారు. ఎ.విజయదుర్గ కశ ర్గా వ్యవహరించిన ఈ కార్యక్రమంలో ఇన్ ప్రిన్సిపాల్ డాక్టర్ పి.వెంకటేశ్వరావు, డీన్ డ పి.సురేష్ వర్మ పాల్గొన్నారు.



# దేశాభివృద్ధిలో ఇంజినీర్ల పాత్ర కీలకం

రాజానగారం: సేశాభివృద్ధిలో ఇంజినీర్ల పాత్ర ఎంతో కీలకమని నన్నయ విశ్వ విద్యాలయ వీసీ ఎం.జగన్నాథరావు అన్నారు. ఇంజినీర్చ్ డే సందర్భంగా బుధ వారం వర్సిటీలో అద్విక 2321 నిర్వహించారు. ముఖ్యఅతిథి పోలవరం ప్రాజెక్టు

బీఫ్ ఇంజినీరు బి సుధాకర్ బాబు మాట్లాడుతూ దేశం లోనే గొప్ప ప్రాజెక్టుగా నిలుస్తుందన్నారు. ఆద్విక 2821 సందర్భంగా నిర్వ హించిన పోటీలలో విజేత లకు బహుమతులు అంద జేశారు.



Date : 16/09/2021 EditionName : ANDHRA PRADESH( EAST GODAVARI ) PageNo : 04



Thu, 16 September 2021 https://epaper.sakshi.com/c/63138585

నన్నయలో విశ్వేశ్వరయ్య చిత్రపటానికి పూలమాల వేస్తున్న వీసీ, పోలవరం సీఈ

దివాన్వేరువు, సెస్టెంబరు 15: విద్యార్తులు ఆశించిన లక్ష్మాలను సాదించి ఉన్నత శిజరాలకు ఎదగాలని పోలవరం ప్రాజెక్సు బీప్ ఇంజనీర్ వినుదాకరణాబు అన్నారు. బారతరత్న, నర్ మోక్షగుండం విశ్వేశ్వరయ్య జయంతి, ఇంజనీర్స్ డే సందర్భంగా యూనిపర్చిటీ కాలేజ్ ఆప్ ఇంజనీరింగ్ ఆద్వర్యంలో బుదవారం అద్యిక-2821 ఉత్ప వాన్ని నిర్వహించారు. దీనికి ముఖ్యఅతిదిగా ఆదికవి నన్నయ విశ్వవిద్యాలయం వీస్ వాన్న నర్వవారివారు దనక ముఖ్యతతదగా తపకచ నన్నయ వశ్వచద్వాలయర చన మొక్కా జగన్నాదరావు, ప్రత్యేకఆతిధిగా బీప్ ఇంజనీర్ సుధాకరబాబు హాజరై విశ్వేశ్వ రయ్య చిత్రపటానికి పూలమాలలు వేసి నివాకులర్సించారు. ఈ సందర్భంగా సుధాకరోబాబు మాట్రాడుతూ విశ్వేశ్వరయ్య, సర్ ఆర్టర్ కాటన్ వంటి గొప్ప ఇంజనీర్లు

🧰 'పోలవరం' సీఈ సుధాకర్బాబు 🗰 ఘనంగ మన దేశానికి విశేష సేవలందించారని కొనియాడ జగనాదరావు మాటాడుతూ దేశాఖీమదిలో ఇంజ ລວຂກີ່ຽວກົ ລືດາເບຼັຍນ ລິດງແມ ລໍ່ລື້ ລໍ້ ເຫັສຮຸ ధార్తి ప్రస్నిపాల్ పి.వెంకటేశ్వరరావు, డీన్ ఆధార దుర్గ, కోర్పు కోఆర్టినేటర్లు బాలకృష్ణ, హనుమంతు ట్రావు, రాహుల్పాల్, యానీకెజియా, సీరంజన్ పా

#### గైట్లో ఘనంగా ఇంజనీర్స్ డే

రాజానగరం, సెపెంబరు 15 గైట్ ఇంజనీరిం/ వారం ఘనంగా నిర్వహించారు. ఈ సందర్యంగా సర్ మోక్షగుండం విశ్వేశ్వరయ్య విగ్రహానికి గైట్ వేసి ఘన నివాళులర్పించారు. ప్రిన్నిపాల్ పీఎంఎం వేశంలో శశి మాట్లాడారు వైస్ ప్రిన్నిపాల్ ఎ జనరల్ మేనేజర్ సుబ్బరాజు, ఎస్.(శ్రీగౌరీరెడ్డి, టి.మ

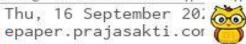
#### చిరస్మరణీయుడు విశ్వేశ్వరయ్య: రామ

అనపర్షి, సెపైంబరు 15 ఇంజనీరింగ్ రంగంక తికి బాటలు వేసిన మోక్షగుండం విశ్వేశ్వరయ్య నల్లమిల్లి రామకృష్ణారెడ్డి అన్నారు. ఇంజనీర్స్ డే స

ఎఇలు పాల్గొన్నారు. **రాజమహింద్రవరం** దేశాభివృద్ధిలో ఇంజనీర్ల పాత ఎంతో కీలకమని ఆదికవి నన్నయ విశ్వవిద్యాలయ విసి ఆచార్య మొక్కా జగన్నాథరావు అన్నారు. ఇంజనీర్స్ డే ను పురస్కరించుకొని యూనివర్సిటీ కాలేజ్ ఆఫ్ ఇంజనీరింగ్ ఆధ్వర్యంలో బుధవారం అద్విక2821 ఫెస్ట్ ను నిర్వహించారు. ఈ కార్యక్రమంలో విసి, పోలవరం ఇరిగేషస్ )పోజెక్ట్ చీఫ్ ఇంజనీర్ బి.సుధాకర్ బాబు విశ్<u>యే</u>శ్వరయ్య చిత్రపటానికి పూలమాలవేసి నివాశులర్పించారు. ఈ కార్యక్రమంలో ట్రిన్సిపల్ డాక్టర్ పి.వెంకటేశ్వరరావు, డీస్ ఆచార్య పి.సురేష్ వర్మ, కన్నీనర్ ఎ.విజయదుర్గ, పాల్గొ



🞾 epaper.prajasakti.com



\*\*\*\*\* @@@@\*\*\*\*\*\*