

FDPS/WORKSHOPS/CONFERENCES: FACULTY

Dr. D. Nirmala Devi NPTEL – FDP on Physico Chemical Processes for waste water treatment Jan – Apr 2022

6th – 10th June 2022 Nanotechnology for electronic and photonic devices

Dr. B. Chandra Sekhar

Dr. R. S. S. Srikanth Vemuri

Dr. K. Jyothsna

Mr. K. V. V. Ganeswara Rao

Dr. D. Nirmala Devi

Dr. E. Gouthami

Ms. K. Lavanya

Mrs. M. Venu Madhuri

Program Report on Yoga camp held on “International Yoga Day”-21st June, 2022


Yoga trainer Sri R. Rajendran practicing yoga with students



Demonstration of Yogasanas by Yoga Trainer Sri R. Rajendran

June 21st is celebrated every year worldwide as ‘International Yoga Day’. Hence, a yoga training session is arranged on 21st June, 2022 at Yoga Hall. Yoga trainer Sri R. Rajendran explained the students about the origin of Yoga and demonstrated various Asanas to reduce overweight and stress. The session continued for two hours. Afterwards, he suggested the students to follow the same Asanas on daily basis in the early morning to get more benefit and relief from their individual health risks

VISION

To be a leading institution of women empowerment producing internationally accepted professionals with psychological strength, emotional balance and ethical values

MISSION

M1: To empower women engineers through innovative teaching-learning practices.

M2: To encourage for higher education and research with well-equipped laboratories.

M3: To promote entrepreneurship through creativity and innovation.

M4: To promote environmental sustainability and inculcate ethical, emotional and social consciousness.

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September 15th 2022

Every year India celebrates National Engineer's day on September 15 to recognize and honor the achievements of the great engineer Mokshagundam Visvesvaraya. Along with India, Visvesvaraya's great works are also celebrated on September 15 as Engineer's day


From the Principal's Desk:

I am delighted to state that the College is growing in many areas such as infrastructural development, innovative initiatives, twinning programmes and partnerships with leading companies. and nationally renowned universities. The learning ambience coupled with mentoring by a dedicated team of diligent faculty and staff of our college, whose sincerity and spirit will enable the students to confidently strive towards achieving their goals, be it higher education, career or entrepreneurship.

Dr. J. Sudhakar

National Service Scheme

A plantation program is conducted in Aradhana Orphanage, Narava. The college students explained the importance of plants in environmental protection. They donated various flower plants to the orphanage and made the orphans to plant the saplings in their orphanage premises.



Plantation at Aradhana Orphanage, Narava



Students and orphans with saplings at Aradhana Orphanage, Narava

Program Report on awareness rally conducted on World Environment Day- 4th June, 2022 with the theme “Beat Plastic Pollution”



“Beat the Plastic Pollution” awareness rally by students at Sheela Nagar



Students creating awareness to avoid plastic usage

World Environmental day is organized every year on 5th June. On this occasion, an awareness rally on the theme “Beat Plastic Pollution” is organized at Sheela Nagar. Totally, 35 NSS student volunteers have prepared placards on the importance of biodegradable bags and exhibited in the rally. They also raised slogans against plastic usage and advised the citizens to avoid single plastic usage. Academic director Prof. A. Seshu Rao, Principal Dr. J. Sudhakar have started the rally and NSS PO Dr. K. P. Suhasini and few faculty members have organized the rally.

CSE

Dr K. Jayasri Machine Learning Based Secured Intelligent DMA Controller for Video Restoration
<https://doi.org/10.1155/2022/9155349> Hindawi Wireless Communication and Mobile Computing 2021-22

Augmented Reality



Augmented reality (AR) is an experience where designers enhance parts of users’ physical world with computer-generated input. Designers create inputs—ranging from sound to video, to graphics to GPS overlays and more—in digital content which responds in real time to changes in the user’s environment, typically movement.

To get started with AR design, you should:

- Familiarize yourself with AR terminology and a new form of information architecture.
- Constantly ask “Where are users?” and how they’ll apply and adopt your design.
- Remember physical limitations—users hold devices longer while seated, etc.
- Make interfaces automatic, so users needn’t prompt with commands. Consider voice controls.
- Use AR-software-creating resources optimally (e.g., Apple’s ARKit).
- Offer easy onboarding.
- Provide clues and maximum predictability.
- Prioritize screen real estate.
- Design for accessibility.
- Design animations where you consider how frame rates and processing power impact on device compatibility.
- Ensure your design interprets and responds to users’ head movements and body gestures dynamically, so users can act intuitively and freely without giving commands.

Information on Technology

The first computer game was “Spacewar!”. This game was programmed by Steve Russell and first released in February 1962.
 Jack Kilby & Robert Noyce develop the first Integrated Circuit (The Chip) in 1958
 In 1954 John Backus & IBM develop first successful high level programming language FORTRAN Computer Programming Language
 ARPAnet the first Internet connectivity started in 1969.

Awareness Program on “Stress Management”

Stress is an automatic physical, mental and emotional response to a challenging event. Hence, an awareness program on “Stress Management” is held in campus with the association of CII organisation. In this program, speaker Mrs. Neelima Kumari, Principal, Balwad School explained the students about the reasons causes for stress and how to control them by doing Yoga and other activities to lead a more balanced, healthier life.



Speaker Mrs. Neelima Kumari, Principal, Balwad School at the program



Students at the Awareness Program on “Stress management”

Awareness on “DISHA” mobile app held on 14th September, 2022

DISHA is an app developed by Andhra Pradesh Government towards the safety of Women. Being a Women’s college there is a need of awareness on this kind of safety related apps. Hence, an awareness program is conducted on 14th September, 2022 in campus. In this program, Mahila Police, Gajuwaka Mrs. Meenu Bhushan explained the self defense techniques to the girl students. And encouraged all the girl students to download the DISHA mobile app for their security and safety



Interaction of Mrs. Meenu Bhushan-Mahila Police, Gajuwaka with the girl students



Students showing the downloaded DISHA mobile app in their phones