



NKOCET A
DESTINATION
FOR

- Quality Education
- Innovation
- Practical Exposure
- Modern Infrastructure
- Research Opportunities
- Career Placement Services
- Industry Connections
- Global Exposure

ORCHID Insights

The Monthly Chronicle of

Pradnya Niketan Education Solapur, Pune.



**NAGESH KARAJAGI ORCHID COLLEGE OF
ENGINEERING & TECHNOLOGY, SOLAPUR.**

Approved by AICTE, New Delhi & Affiliated to DBATU, Lonere, NAAC Accredited.

Nov. 2023 Issue 1

STUDENT ACHIEVEMENTS



Pride of Mechanical Department Sakshi Torangi Strikes Bronze Glory at World Championship 2023 in Calgary, Canada!

Sakshi Suresh Torangi from S.Y. (Mechanical Engineering) won bronze medal at World Championship 2023 held at Calgary Canada. She practices Karate since she was 7 years old. She is 7 Times National winners and is winner of state championships. Next year she will be representing our country in World Championship 2024 at Greece.

The Project Competition Glows with the Brilliance of AVISHKAR -2024 Zonal Champions!

In a spectacular display of talent at the AVISHKAR -2024 ZONAL project competition, Mr. Omkar Nampalli and team triumphantly claimed the esteemed Gold medal in the Engineering and Technology category (UG group). Adding to the celebration, Mr. Aman Shaikh secured the Silver Medal in the Engineering and Technology category (PG group), while Mr. Hamjaa Shaikh and team seized the Bronze Medal in the Humanities.



"Education is the key to unlocking the doors of opportunity and unleashing the full potential within each student at N.K. Orchid College of Engineering."



STUDENT ACHIEVEMENTS

N.K. Orchid College Shines Bright in DBATU Solapur Zone's Kho-Kho Tournament

"We're elated to announce that our college's Women's Kho Kho Team secured the Runner-Up spot in the DBATU Solapur Zone intercollegiate tournament on November 30, 2023. Their exceptional dedication and performance deserve applause, and we congratulate each team member wholeheartedly."



Ms. Diksha Kulkarni Sparkles as Chess Champion in Intercollegiate Tournament

"N.K. Orchid College of Engineering & Technology beams with pride as its talented students in Artificial Intelligence and Data Science showcased strategic brilliance at the DBATU Solapur Region Intercollegiate Chess Tournament hosted at Gramin Technical Campus, Nanded. In the Girls' Category, Ms. Diksha Kulkarni claimed the coveted 1st prize, displaying exceptional skill and tactical prowess on the chessboard."

"In the garden of knowledge, N.K. Orchid College of Engineering is the nurturing soil where minds bloom and intellect flourishes."





Dr. B. K. Sonage, our esteemed Principal, receives the Award of Excellence in Innovation

"In a significant moment for the academic realm Dr. B. K. Sonage, our esteemed Principal, received an Award of Excellence in the innovation category from the Institution of Engineers (IEI) Solapur Division, on October 31st, 2023

Dr. M. S. Shaikh Earns Prestigious Durga Shakti Award from Tarun Bharat Sanwad Newspaper

"Dr. M. S. Shaikh, Assistant Professor in General Engineering, receives the esteemed 'Durga Shakti Award' from 'Tarun Bharat Sanwad Newspaper,' marking a moment of immense pride and honour. The award ceremony, held on November 18th, 2023, celebrated Dr. Shaikh's outstanding contributions in the field of education"



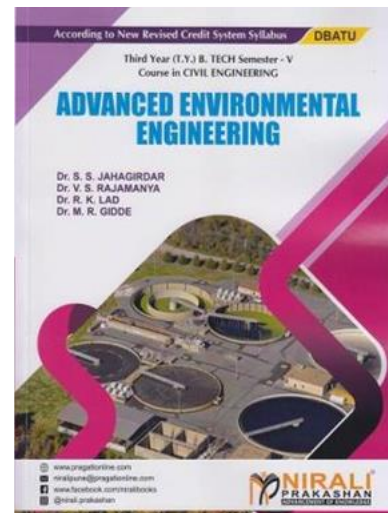
"At N.K. Orchid College of Engineering, we believe that education is not just about acquiring facts but about learning how to think and solve problems."



FACULTY ACHIEVEMENTS

A book on 'Advanced Environmental Engineering' unveiled by Dr. S. S. Jahagirdar

On November 2nd, 2023, Dr. S. S. Jahagirdar marked a significant milestone in academia with the publication of his latest book, "Advanced Environmental Engineering." Tailored specifically for third-year B. Tech. students specializing in Civil Engineering, the book promises to be a valuable addition to the academic curriculum.



Dr. R. R. Patil Takes the Helm: Elected University Representative in MaTPO AGM for Solapur Region/University

In a significant achievement, Dr. R. R. Patil, Dean of Training and Placement at N.K. Orchid College of engineering and technology Solapur, has been elected as the University Representative of Solapur Region/University in the Annual General Meeting (AGM) held at PCCOE, Pune.

"Education is the compass that guides us through the uncharted territories of knowledge. N.K. Orchid College of Engineering is committed to providing a true north for its students."





Ms. Aboli Kasabe of E&TC Dept. Participated in Avishkar 2023

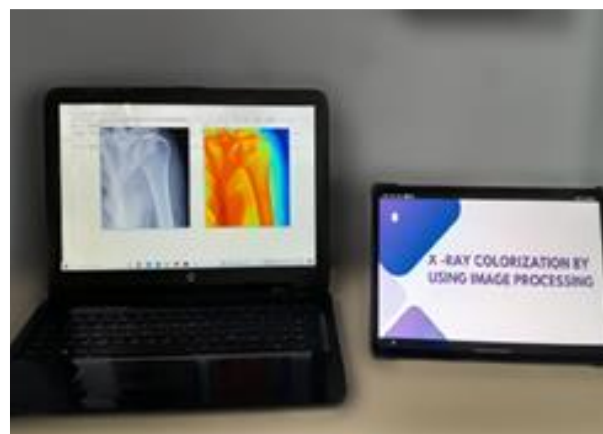
In a remarkable display of innovation and technological prowess, students from the Electronics and Telecommunication (E&TC) department at NK Orchid College of Engineering participated in the Zonal Level Avishkar-2024 project competition. The event, organized by Dr. Babasaheb Ambedkar Technological University, unfolded at Pune on November 26, 2023.

Project Title - The IoT-based Smart Playhouse

Innovation Unleashed: Anirudha Mhetraskar's Remarkable Contribution at Avishkar 2023

Title: X- ray colorization using Image Processing

Colorizing X-rays enhances the clarity and distinction of structures within the image, aiming to aid in more intuitive and precise interpretations for medical diagnosis, materials analysis, and other applications. This technique assigns different colours to tissues, organs, or materials, highlighting specific features and nuances that might be less visible in standard monochromatic X-ray images.



"Knowledge is the light that dispels the darkness of ignorance. Let N.K. Orchid College of Engineering be the beacon that lights the path to wisdom for every student."



Publication by Teaching Faculty in Conferences

Sr. No	Name of Author & Dept.	Title of Research Paper	Name of the conference	Date
1	Prof. S. S. Kale, Prof. S. S. Gawade, Prof. B. R. Birajdar (Mechanical Engg.)	Convective Heat Transfer Enhancement using Flow Divider Type Insert	IEEE Conference on Engineering Informatics (ICEI 2023)	25-26th November 2023
2	Suryaji S. Kale, Prof.. S. S. Gawade (Mechanical Engg.)	Computer Vision Approach for Outdoor Colour Rating of Guava: Design and Implementation.	IEEE Conference on Engineering Informatics (ICEI 2023)	25-26th November 2023
3	Dr. B. K. Sonage, Prof. A. S. Kashid, Prof K. A. Shaikh and Prof. S. S. Kale	Performance evaluation of Compact Heat Exchanger	IEEE Conference on Engineering Informatics (ICEI 2023)	25-26th November 2023
4	Prof. S. S. More, (E&TC Engg.) Prof. S. S. Kale (Mech. Engg)	Computer Vision Approach for Outdoor Colour Rating of Guava: Design and Implementation	IEEE Conference on Engineering Informatics (ICEI 2023)	25-26th November 2023

FDPs and NPTEL Courses attended by Teaching Faculty

Sr. No	Name	Title of FDP/NPTEL Course	Duration
1	Prof. J B Patil	FDP- Pedagogical Skills Through Faculty Development Program	1 Week
2	Dr.M.S.Shaikh	FDP-Preparing Teachers for Artificial Intelligence driven Education	1 Week
3	Pro. K. A. Shaikh	NPTEL Course- Engineering Graphics and Design	12 Week
4	B Sampath Kumar, CH Mallareddy	NPTEL Course- Accreditation and Outcome-Based Learning	12 Week
5	Dr.M.S.Shaikh Dr.U.K.Jadhav Dr.R.R.Patil	NPTEL Course- Developing Soft Skills and Personality	12 Week





Pt. Bhimanna Jadhav Captivates Deep-Utsav Audience with Exceptional Sundri Performance

During a captivating evening of cultural revelry, Pt. Bhimanna Jadhav, a globally renowned sundri maestro, became the focal point of the Deep-Utsav event orchestrated by the Orchid Cultural Committee. The entire program was impeccably coordinated by Dr. V. S. Shirwal, Dr. P. A. Ubale, and Prof. A. Kankuntala.

The AI&DS Department Commemorates World Education Day and Children's Day with the 'एक कदम शिक्षा कि तरफ' Event

To honour World Education Day and Children's Day on November 11th, 2023, the AI&DS department coordinated a touching initiative named 'एक कदम शिक्षा कि तरफ'. The event aimed to offer assistance to the students of "आई अनाथाश्रम". Students enrolled in the AI&DS program played a pivotal role in mentoring and educating orphanage students in Mathematics and English subjects.



"In the corridors of N.K. Orchid College of Engineering, every challenge is an opportunity to learn, grow, and achieve excellence."



AI & DS Department Conducts Interactive Workshop on Corporate Manual Testing and Software Development Life Cycle

Striving to offer students practical insights into Corporate Manual Testing and Software Development Life Cycle (SDLC), the Artificial Intelligence and Data Science (AI&DS) Department hosted a hands-on workshop. This event, took place on November 3rd, 2023, and attracted an eager participation of more than 60 students from the TY (AI&DS) class.



Expert Lecture on 'Electrical Machines' Sparks Enthusiasm in Second Year Electrical Students

On November 4th, 2023, the Electrical Department at N K Orchid College of Engineering and Technology, Solapur, organized a stimulating expert lecture on the topic 'Electrical Machines' for Second Year (SY) students. The session featured Mr. Juber Shaikh, an accomplished Assistant Engineer at MSEDCL, Solapur, as the esteemed expert.

"At N.K. Orchid College of Engineering, education is not just about preparing for the future, but about empowering students to shape the future."





Mr. Prashant Asawa (MD- M&M, Kandivali, Mumbai) interacted with Team Avengineers

On 30th of November 2023, Prashant Asawa, Managing Director at M&M in Kandivali, Mumbai, engaged with Team Avengineers, offering invaluable insights into aircraft flight and safe landing topics.

Ms. Shreya Mane, Vice President of ESRO Majica, graced our campus with her presence

On November 18, 2023, Ms. Shreya Mane, Vice President of ESRO Majica, visited our campus to initiate the Aerospace Centre of Excellence.



Mr. Sanjay Mane from Cummins India Ltd. paid a visit to both Team Avengineers and Team Pushpak

On November 16, 2023, Mr. Sanjay Mane, Manager at Cummins India Ltd., visited Team Avengineers and Team Pushpak to offer guidance on project management and stress the significance of SAC in product development cycles to the students.



"The journey of learning at N.K. Orchid College of Engineering is an endless exploration, where curiosity is the compass and knowledge is the destination."



WORKSHOPS, EXPERT LECTURES

Mechanical Dept. Conducts a Workshop on CNC

On 6th November 2023 TY Mechanical students from SES Polytechnic visited our institute for One-day training on Practical aspects of CNC machining. Prof. Y.B. Patil, Prof. A. A. Nimbalkar, and Prof. A. S. Dhobale coordinated the event.



Future-Ready Tech: E&TC Department Explores Software Defined Networking in Expert Session

Expert session on "Software Defined Network" was conducted by Dr. M. B. Patil to final year B.Tech E&TC students on 24/11/2023. He explored the research area especially in SDR (Software Defined Radio) and its applications in wireless communications.

Civil Engg. Dept. organized an expert session on cybersecurity and awareness

A session on Cybersecurity and awareness was addressed by Mr. Vaibhav Swamy (API crime branch Solapur) for second year students of all departments.



Scan to Join our
YouTube Channel

"At N.K. Orchid College of Engineering, education is not just about preparing for the future, but about empowering students to shape the future."



CAMPUS CONNECT, ALUMNI TALK



A session on "Career Guidance and Counselling" for the students of Kendriya Vidyalaya, Solapur was conducted by Prof. S. S. Dhotre on 24/11/2023



Dr. Shrinivas S Metan has conducted a Session on Career Opportunities after 12th for the students of Shri Siddheshwar High School on 25/11/2023.



*Senior Production Support Engineer in
"AMDOCS REDHAT UNIX" USA. (E&TC
Batch -2014-15)*

"I have learned so many good things at Orchid apart from studies. A good Staff, a very well-known discipline of our college, the culture and other activities everything that developed me as a good engineer rather a proud student of ORCHID. I grew up aspiring to become an engineer (The one who can give best services and facilities towards society), as a matter of fact I was damn lucky to had a quality education of engineering from the best institute N.K. ORCHID COLLEGE OF ENGINEERING & TECHNOLOGY"

Mr. Nikhil Patil

Orchid Insights

Monthly News letter

For Private Circulation only

Contact us: -

N K Orchid College of Engineering & Technology, Solapur

094230 84363, office@orchidengg.ac.in



Join us for more updates

EDITORIAL TEAM-

Dr. B. K. Sonage (Principal)

Prof. A. I. Nadaf (Chief Editor)

Prof. A. S. Adhatrao (Editor AI&DS Dept.)

Prof. F. S. Kazi (Editor Civil Dept.)

Prof. S. C. Papade (Editor CSE Dept.)

Prof. S. A. Kashid (Editor E&TC Dept.)

Prof. C. Mallareddy (Editor Electrical Engg. Dept.)

Prof. A. H. Kamble (Editor Mech. Dept.)

Dr. M. S. Shaikh (Editor Gen. Engg. Dept)

Dr. U. K. Jadhav (Composer)

Mr. I. Bagban (Design)

