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- Quality Education
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- Global Exposure

ORCHID Insights

The Monthly Chronicle of

Prdnya Niketan Education Society, Pune



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

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

Feb. 2024 Issue 4

A World in Motion City Olympics 2023



SAEINDIA WS AND NK Orchid College of Engineering and Technology conducted A World in Motion (AWIM) CITY OLYMPICS on 24th Feb 2024. Total 56 students from 7 schools of Solapur City participated in it. Mr. Pravin Parde (PSI) was the Chief Guest for inauguration and Prof. S. S. Kale (HOD MECH) were the Chief Guest for Prize Distribution. 16 students volunteers from mech dept. made this event successful. Prof. M. B. Awate , Prof D. D. Bhoge and Mr. Rishi Marathe coordinated the event. Prof. P. Gandhi, Prof. Koli, Prof. B. R. Birajdar were the judge for the program. Congratulations to Winners for AWIM SOLAPUR CITY



A session on “Problem Based Learning and Opportunities of International Internship” to Mechanical Engineering TY Students

On 15/02/2024, Mechanical Engineering Department has organised a session on "Problem Based Learning and Opportunities of International Internship". Dr Vikas Shinde has guide to the TY MECH students on above topic. Prof K. A. Shaikh coordinated the event.



"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."

ORCHID HAPPENINGS

Session on “Piping Design Engineering in Process Industries” was conducted to TY Mechanical Students

On Wednesday 14/02/2024 Session on Piping Design Engineering in Process Industries was conducted on Third Year Mechanical Engineering by Mr P. Deshmukh from Asian Academy Pune.

He briefed about importance of Piping Layout, Equipment Layout, Isometric Drawings, BOM, Softwares etc.

Total 60 students were present.

Dr S S Metan has organized this session and Prof. T. Garande, Prof V. Gaikwad, Mr Samadhan Patil were present.



Feburary-2024 Placements/Internships

Sr. No	Name of Company	No. of Selected	Package /Stipend
1	Quality Kiosk, Mumbai	3	3.5 LPA
2	Kinetic Green,	2	2.87LPA
3	Web Tech Developers, Pune	1	4 LPA
4	Shriram Finance	11(Shortlisted for final interview)	3 LPA
5	Precision Precast Solution,Pune	13(Shortlisted for final interview)	3 LPA
6	ACOTECH Consultants, Pvt. Ltd,	1	12,000/-
7	Kolbro Group, Nagpur	19	15000/-
8	Mumbai Rail Vikas Corporation, Kalyan Railway, Mumbai	1	18,000/-
9	Iscon construction-kothrud, Pune	1	15,000/-
Total		52	-



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





Industrial Visit of SY Mechanical Engineering Students to Suresh Metal Works Solapur.

On 22/02/2024, S.E Mechanical Div. B and on 01/03/2024 S.E Mechanical Div. A students visited to Suresh Metal Works, Solapur. Students have learned following things practically;

1. Sand Casting Process
2. Mould making
3. Melting practice
4. Metal Pouring
5. Oxyacetylene gas cutting process.

This industrial visit was inline with the subject Manufacturing Process-I. Total 60 students were present. This industrial visit is coordinated by Prof. A. H. Kamble along with Prof. D. D. Bhoge, Dr. M. B. Kulkarni, Prof. D. R. Gaikwad, Dr. A. M. Kazi and Mr. A. M. Metkari.

Team Ashwamedh got Sponsorship of Rs. 1,00,000/-

"Team Ashwamedh, representing the SAE Supra vehicle from the Mechanical Engineering Department, has received a sponsorship amount of Rupees One Lakh from Precision Camshaft Ltd.

Project Guides -

Prof. B R Birajdar

Prof. D D Bhoge.

Expert lecture "Testing of IC Engine" conducted for TY Mechanical Students.

Expert lecture of Dr. Siddappa Busnoor (Ph.D. IIT Bombay, M Tech. IIT Delhi) conducted on 17/02/24, to TE Mechanical class on "Testing of IC Engine".

He covered various points like Performance Parameters, Testing etc.



"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."

FDPs/STTP Courses attended by Faculty Members

Sr. No	Name of faculty	Title of FDP/STTP Course	Duration
1	Dr. R. R. Patil, Dr. M. S. Shaikh, Dr. U. K. Jadhav and Prof I. N. Birajdar	14 days online FDP on "Innovative Teaching Strategies and Tools in the Digital Age"	1st Feb 2024 to 14th Feb 2024
2	Prof. D. D. Pawar	Communication and Leadership by Zensar Company, Pune.	29th Feb 2024
3	Prof. R. G. Maske	Communication and Leadership by Zensar Company, Pune.	29th Feb 2024
4	Prof. A. P. Pataskar	Essentials of research writing and using mendeley reference	17 and 18 Feb. 2024.
5	Prof. D. S. Pawar	Structural audit in constructional field	23rd Jan to 31st Jan 2024
6	Prof. D. S. Pawar	Civil Engineering challenges towards sustainability.	29th Jan to 02nd Feb 2024
7	Prof. P. Vadnal	Online Global Symposium on Sustainable Development	19th & 20th Jan 2024
8	Prof. V A Sangolgi	Empowering Educators: Advancement in Computing Pedagogy	12th to 17th February 2023

Patents, Research Publications by Faculty

Sr. No	Name of faculty	Title of research article/ Patent	Date
1	Dr. V. V. Bag, Dr. M B Patil	"Frequent CNN based ensembling for MRI classification for Abnormal Brain Growth detection" Journal of Integrated SCIENCE & TECHNOLOGY"	Feb 2024
2	Dr. V. V. Bag, Dr. M B Patil, Prof. V. D. Gaikwad	"Revolutionizing Fashion: Fashion Era's Deep Convolutional Neural Network for Outfit Recommendations" Journal of Intelligent Systems and Applications in Engineering (IJISAE)	Feb 2024
3	Prof. V. D. Gaikwad	"Revolutionizing Fashion: Fashion Era's Deep Convolutional Neural Network for Outfit Recommendations" in International Journal of Intelligent Systems and Applications in Engineering	Feb 2024
4	Prof. B. R. Birajdar	Roller scale – triangular	Feb. 2024.

5

"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."





TY Students Immerse in Cutting-edge JAVA Full Stack Web Development

In a power-packed session on February 23, 2024, TY (AI&DS) students explored the realm of JAVA Full Stack Web Development. led by industry stalwart Mr. Mallinath Paratnale and his team, the event attracted 55+ enthusiastic learners. Prof. A. S. Pawade, the coordinator, applauded the interactive session that seamlessly blended theoretical knowledge with practical insights. For further inquiries on this dynamic field, students are encouraged to connect with Prof. A. S. Pawade for an extended exploration into JAVA Full Stack Web Development.

Celebrating National Science Day at the Department of AI&DS

In a celebration of National Science Day at the Department of AI&DS on February 28, 2024, 120+ students from SY and TY actively engaged in an insightful session. Delivering speeches on physicist C. V. Raman and his pioneering "Raman Effect," Prof. V. A. Sangolagi drew parallels between Raman's journey and the students' endeavors. The event, coordinated by Prof. N. B. Aherwadi, not only honored scientific achievements but also emphasized the profound link between science and engineering. Such occasions play a pivotal role in inspiring students and fostering a deeper appreciation for the interconnectedness of their field.



"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."



Empowering Session for AI&DS Students: "Am I Friendly with Myself?"

In a thoughtful initiative by the Department of AI&DS, a special session titled "Am I Friendly with Myself?" was conducted on February 29, 2024, from 10 to 11 AM, exclusively for SY & TY (AI&DS) girls. Renowned counsellor, Ms. Kakade, led an engaging discussion addressing crucial aspects of students' well-being. The session covered essential topics, including fostering a healthy diet, maintaining a balance between mental and physical health, and effective stress management strategies. This program reflects the department's commitment to the holistic development and well-being of its students, providing valuable insights into self-care and overall wellness.



"Gemini AI Unveiled: A Journey into Artificial Intelligence with Dr. M. B. Patil"

On February 26, 2024, NKOCET's GDSC organized the Gemini AI session with Dr. M. B. Patil, AI&DS Department HOD, as keynote. Dr. Patil delivered insightful discourse on Gemini AI modules, enhancing audience AI comprehension. His expertise and engaging style enhanced the event's success, leaving a lasting impact. The session highlighted leading-edge AI advancements, sparking enthusiasm among participants.

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Cultural Department of N. K. Orchid College Celebrates Shivjayanti with Zest and Zeal



The Cultural Department of N. K. Orchid College of Engineering and Technology in Solapur marked the auspicious occasion of Shivjayanti on February 19, 2024, with unparalleled enthusiasm and fervour. Spearheaded by the esteemed coordinator, Dr. V. S. Shirval, the celebration resonated with cultural vibrancy and traditional charm.

The event commenced with a ceremonial homage paying tribute to the great Maratha warrior, Chhatrapati Shivaji Maharaj by chief guest Tukaram Chinchkar. Dr. P. A. Ubale, Prof. A. Kankuntala coordinated program.

New voter's registration drive



NSS volunteers conducted a registration drive for new voters specially FY & SY Students.

National Deworming day



13-02-2024 NSS team conducted deworming day for F.Y. students in association with PHO Dr. Mane from Mardi centre



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

WORKSHOPS GUEST LECTURES,

Career Counselling Session Guides TY-AI&DS Students Towards Government Opportunities in MPSC and UPSC Preparation

In an insightful Career Counselling session held on 9th February 2024, from 4:00 to 5:00 PM, TY-AI&DS students were guided through the nuances of preparing for Maharashtra Public Service Commission (MPSC), Union Public Service Commission (UPSC), and various other government opportunities. The session, conducted by the esteemed Prof. V. Sangolgi.



Technical Session Unveils the Intricacies of Cloud Computing in Social Media Traffic Control

In a riveting session on February 14, 2024, TY (AI&DS) students gathered for a technical deep dive into the intricate world of cloud computing. Mr. R. Bagale, MD and Cloud Architect at Softfeels Internet Pvt. Ltd., shared industry secrets on how cloud computing regulates traffic on Facebook and Instagram. With an impressive attendance of over 55 students, the event, coordinated by Prof. N. B. Aherwadi, showcased the vital synergy between academia and industry in shaping a tech-savvy generation. For more inquiries, students can connect with Prof. N. B. Aherwadi for further exploration into the dynamic field of cloud computing.

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





Expert Session on VLSI by Prof. S. V. Bag.

An expert session on VLSI Design by Prof. S. V. Bag, was conducted on 7/2/2024 for TY students of Govt. Polytechnic Solapur. Around 40 students attended the session Coordinator: Prof. S.V. Bag.

Expert Session conducted by Prof. R. S. Bakare.

An expert session on Arduino IDE and Interfacing of Sensors by Prof. R. S. Bakare, was conducted on 7/2/2024 for TY students of Govt. Polytechnic Solapur. Around 40 students attended the session Coordinator: Prof. S.V. Bag.



‘Civil Engineer to Entrepreneur’ an expert session by Prof. R. Maske

Prof. R. Maske conducted a lecture on “Civil Engineer to Entrepreneur” at Government Polytechnic, Solapur. Total 53 Students attended the session.

Diploma Connect Co-ordinator: Prof. A. P. Pataskar.



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

Personality Development through Time and Stress Management session by Dr. U. K. Jadhav

Dr. U.K. Jadhav conducted a lecture on “Personality Development through Time and Stress Management” at Government Polytechnic, Solapur on 23/02/2024. Coordinator: Prof. A. P. Pataskar



Faculty Development Workshop At ZENSAR Pune

Five faculties attended one day workshop on “Communication, Leadership, and role of teacher in 21st century.

Prof. S. Dudhnikar, R. Maske, Roshan Pushpan, Prof. D. Pawar & Prof. G. Aherwadi Attended The Program

English Club Inauguration

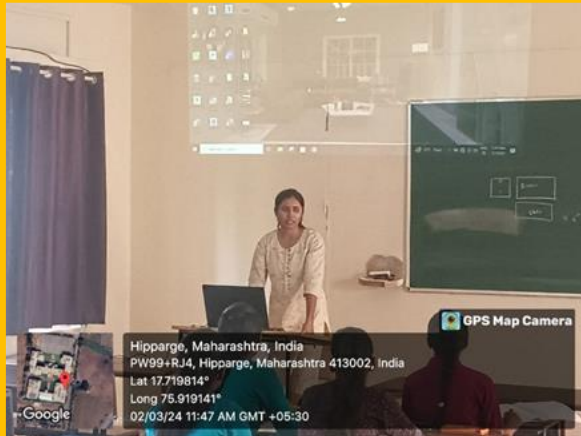
On 23/Feb 2024 Hon. Principal Dr. B. K. Sonage Inaugurated Orchidian's English Club. The program started with award Distribution of Reading Competition i.e. on 23rd Feb. 2024.

The event was initiated by lamp lightning, Principal Sir's Speech, Address by Dean T&P & the Activities and Role Plays were conducted, the event concluded with Vote of thanks.



"At NKOCET, placements aren't destinations; they're beginnings of promising careers. We're proud to facilitate opportunities that shape our students' futures."





Session by Skillzway Technologies, Latur on Courses AutoCAD and Revit Architecture.

Skillzway Technologies, Latur, recently conducted an enlightening session on two pivotal courses, AutoCAD and Revit Architecture. Held with precision on 02/03/2024, the session provided attendees with invaluable insights into these indispensable tools for modern architecture and design.



A session on “Problem Based Learning and Opportunities of International Internship” to Mechanical Engineering TY Students.

Professors S. R. Nirantar and P. A. Vadnal conducted a counselling session for female students in the second and third years of Civil Engineering at N.K. Orchid College of Engineering and Technology in Solapur. They addressed academic and career-related queries, fostering an open and supportive environment. Students expressed gratitude for the valuable insights shared during the session, highlighting its significance in shaping their future endeavours. The event underscored the commitment of college to providing holistic support to its students beyond academic excellence.



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CESA CARNIVAL 2024

The Carnival 2024, orchestrated by the Civil Engineering Students Association (CESA) on February 29th, 2024. Amidst the vibrant atmosphere, students and attendees alike immersed themselves in a kaleidoscope of activities and festivities.



Session on “Civil Engg. Software’s” by civil engineering software academy, Pune,

The Civil Engineering Software Academy in Pune held a session on "Civil Engg. Software's" for third-year students on February 21, 2024, introducing crucial tools. Attendees benefited from hands-on demonstrations and interactive discussions, significantly boosting their understanding and receiving praise for the session's practical relevance.

Industrial Visit at GMRT Pune.

On occasion of National Science Day on behalf of N.K.Orchid College of Engg.& Technology, Solapur two students groups participated in two days offline Project competition at Giant Metrewave Radio Telescope (GMRT) ,Khodad, Pune which is organized by National Centre for Radio Astrophysics - Tata Institute of Fundamental Research (NCRA-TIFR), Pune. Student groups demonstrated their project work in front of 22,000+ students from various schools and colleges.

Coordinator & Project Guide: Prof.A.A.Chandanshive.



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Expert lecture on 'Online certifications and courses for resume building'

Mr. Ujwal Maradkar (ex TIAA Employee) delivered expert session for S.Y. and T.Y. ENTC Students.

Topic: "Online certifications and courses for resume building"

Following points are covered in the session:

1. Different online platforms
2. Effective use of LinkedIn for networking and career
3. Importance of Goal setting for career

Poster Presentation competition

AEXS has arranged Poster Presentation Competition on the occasion of "World Thinking Day" today at 03:00pm in DT & MP Lab for S.Y. & T.Y. students.

Topics were-

- 1) Green Energy
- 2) Blockchain Technology
- 3) Artificial Intelligence
- 4) Impact of mobile phones on human life
- 5) Progressive India



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Fresher's party

AEXS Committee had arranged Fresher's Fiesta 2K24 on 27/02/2024 for S.Y., T.Y. and Final year students. The event comprised of Prize distribution of Poster Presentation Competition organized by AEXS. Further segment was Ramp walk, duet songs sung by S.Y. students, dance performances by S.Y. & T.Y. students. Games were conducted for S.Y. students and Mr. & Miss Fresher were chosen.



Participation of students in Project Exhibition at Science day, GMRT Pune.

Project 01: Hand Gesture Controlled Wheelchair by

- 1) Priyanka Saggam(TY- EnTC)
- 2) Revati Dudhanikar (TY EnTC)

Project 02: ECG- EMG Monitoring System by

- 1) Aniruddha Mhetrasakar (TY EnTC)
- 2) Neha Shinde (TY EnTC)

FRESHER'S 2K24

Every student eagerly awaits right from their time of 1st year for their most remarkable event of the college "FRESHER'S ". The 24 th February 2024 was as a memorable day in the life of every fresher of academic year 2023-2024 batch at Orchid College, campus in the Seminar Hall. The fresher's day was filled with excitement, joy, music, enthusiasm, laughter and happiness. It is the day where seniors and juniors finally bond and unite to celebrate being part of the college. Students were welcomed with the so much of enthusiasm which was organized by CSESA (Computer Science Student's Association). The theme for this fresher's was Insta theme (Insta-Fiest).



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Junior College Connect by NKOCET Faculty Members

Sr. No	Name of College	Faculty Connect	Date
1	Shri. Kai. Dagadoji Deshmukh College Babhalgaon, Tal. Dist. Latur,	Prof. R.G. Maske	05/02/2024 TO 7/2/2024
2	Maharashtra Higher Secondary School, Bori, Tal. Dist. Latur.	Prof. R.G. Maske	05/02/2024 TO 7/2/2024
3	Kamla Neharu Higher Secondary School, Bori, Tal. Dist. Latur	Prof. R.G. Maske	05/02/2024 TO 7/2/2024
4	Shivaji Science college, Renapur, Tal. Latur, Shriram Science college, Renapur Tal. Latur.	Prof. R.G. Maske	05/02/2024 TO 7/2/2024
5	Shri Govindrao Gitte Science college, Pangaon, Tal. Renapur, Dist. Latur	Prof. R.G. Maske	05/02/2024 TO 7/2/2024



NKOCET has played a major role in my successful career. I got placed in my dream company and have been enjoying a great career since 2 years and this was possible only because NKOCET helped me prepare for it. Thorough training received in aptitude, communication skills, presentation skills and technical skills helped me achieve my goal. Various pre-placement trainings, Workshops, Zensar's ESD program, etc. have greatly benefitted me in making the best out of every opportunity I received.

Nandini Mhamane

Company: TIAA Designation: Analyst, Software Developer
B.Tech (CSE 2019-20)

Orchid Insights

Monthly News letter

For Private Circulation only

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