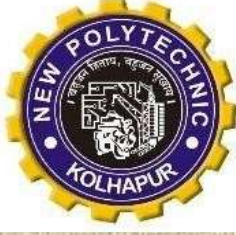


महाराष्ट्र शासनाचा आदर्श शिक्षण संस्था पुरस्कार प्राप्त
SHRI PRINCE SHIVAJI MARATHA BOARDING HOUSE'S



NEW POLYTECHNIC, KOLHAPUR

Department of Electronics and Computer Engineering

POTENTIAL

NEWSLETTER

VOL-1, ISSUE-1, JAN-APR 2023

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Message from Editor's Desk:

We heartily welcome you to the Department of Electronics and Computer Engineering's newsletter 'POTENTIAL'. The newsletter is the way of presenting departmental activities and to stay in touch with students, lecturers, business partners and parents in digital format. The activities and accomplishment of department events like institutional clubs, industrial visits, conferences, symposiums, sports events, students and staff accomplishment. Latest news about department are covered under 'POTENTIAL'. Hope 'POTENTIAL' enhances students to broaden their intellectual horizon. We would like to express our gratitude to HON. Principal Dr. S.H. Dabhole and Head of Department Mr. D.P.Jagtap, respected faculty of Electronics and Computer Department for their constant encouragement and thanks to our most valuable students for participation and enthusiasm.

Editorial Committee: Mrs. R. S. Pande

**Student Representatives: M.M.Jadhav
S.D.Salokhe**

Message from Principal's Desk



I am delighted to take this opportunity to talk to you as the principal that the primary vision of NPK is to develop skill-based competencies through practical teaching and learning process which help students to create an opportunity in public, private sector as well as to become an entrepreneur.

Moreover, this Newsletter is a complete package of different activities to be run viz. Faculty Excellence and competitions in the field of Cyber Security, Automation, Sports, Cultural activity in present Academic Year. I promise that Electronics and Computer Engineering Department will definitely endeavors to provide a wide platform for students' intellectuality in Engineering & Technology.

Dr. Sanjay H. Dabhole

Principal, New Polytechnic, Kolhapur

Message from HOD's Desk



The Department of Electronics and computer engineering works with the objective of addressing critical challenges faced by the Industry, Society and the Academia. The faculties of the department are experienced and motivated with a strong commitment to teaching. The Department is having good Infrastructure & laboratories to improve the capacity and capabilities practical learning. Our Department faculties provide full technical guidance and platform for the students to come up with new ideas.

The Newsletter plays an instrumental role in providing exposure to the students to develop skills. It is a step towards building professional and ethical attitude in them. The entire journey of creating Potential is an outcome of rigorous effort made by students and faculty. Here Students gain knowledge about the latest technological developments and also develop verbal and written communication skills. 'If you have the courage and a mind to do hard work, you can create wonders in the world'. Wishing you all the very best in life.

Prof. Jagtap Deepak P.
HOD TE Dept.

Department Vision, Mission, PEOs and PSOs.

Vision:

To uplift the students to make them competent globally with sound technical knowledge, environmental awareness, professional ethics and aptitude for employment.

Mission:

To educate the students to develop problem sensing and problem-solving attitude in the field of electronics engineering, environmental protection and society at large with high moral values to grab opportunities for employment, higher education, entrepreneurship by providing disciplined and educational atmosphere to make them competent globally.

Program Educational Objectives (PEOs):

PEO1: Develop the ability among students to understand the concepts of core Electronics and Computer courses related to smart technology.

PEO2: Embed a strong foundation in the engineering fundamentals to solve, analyze and design real time engineering products.

PEO3: Motivating students to develop an ability to pursue higher studies research relevant to their discipline for career growth and create enthusiasm for Life-long learning.

Program Specific Outcomes (PSOs):

PSO1: Ability to understand the principles and working of Electronics and Computer systems and Maintain these various types systems.

PSO2: Use State-of -art technologies for operation and application of Electronics hardware and Computer software.

PSO3: Demonstrate the ability to develop engineering solutions for modern Electronics and Computer problem of the industry.

Departmental activities from JAN-2023 to APR 2023

The department has always been significantly contributing in the growth of technical education. Department has organized guest lectures on personality development, Advanced technologies used in industry, Cyber security, women's health and safety issues etc. Students from our department has participated in various football, chess, kabaddi, box cricket which is organized by sports club of New Polytechnic between 18th March 2023 to 25th March 2023. The Cultural Club has organised Talent Days between 18th March 2023 to 25th March 2023 to showcase the cultural and co-cultural activities of students. The students have actively participated and presented the soft skills like singing, playing music, dancing and so on. Due to overall Excellence performance in Annual Social Gathering's all Activity Electronics and Computer Engineering Department Own General Championship of New Polytechnic, Kolhapur.

Department has organised "Youth IDEATHON" in "Digifest" a national level symposium 2023 on 11th April 2023.

Department has organised Parents Teachers meet on 2nd April 2023, regarding overall academic performance of students.

Guest Lectures, Industrial Visits

Sr. No	Name Of Resource Person/ Name of Industry	Topic Covered	Date of Event	Participants
1	Prathmesh Electronics	PCB manufacturing	12/04/2023	63
2	Mr. Viswdeep Patil	Advanced technologies used in PCB manufacturing	10/04/2023	68
3	Mr Rutik Soundade	Cyber security	31/03/2023	68
4	Mr. Swapnil Gokhale	Advanced technologies used in designing and manufacturing various system	09/03/2023	59
5	Mr. Kiran Parandekar	Personality Development	23/02/2023	48

Workshops/seminars/conference attended by faculties



Student Achievements



Gallery Section:

Youth Ideathon Competition :



॥ बहुजन हिताय । बहुजन सुखाय ॥

स्थापना : 1920 नॉदणी क. KOP F 26



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SHRI PRINCE SHIVAJI MARATHA BOARDING HOUSE UCHGAON CAMPUS
**NEW POLYTECHNIC, KOLHAPUR &
NEW COLLEGE OF PHARMACY, KOLHAPUR**



jointly organised

DIGIFEST

"National Level Technical Symposium 2023"

11 April 2023

TECHNOFEST

PAPER PRESENTATION

Organizer - Electrical Engineering

Subjects for paper presentation competition

- Smart Grid
- Internet of Things (IoT) in various sectors
- EV Car
- Renewable Energy sources
- Industry 4.0
- Recent Trends In Artificial Intelligence and machine learning
- Safe and Effective medicines for all

Rules:

1. The teams will get 10 minutes for presentation and followed by question and answer session
2. Kindly bring your PowerPoint presentation on a CD or on a pen-drive.
3. Soft copies of the submitted paper and PowerPoint presentations must be in the .docx format
4. Last day to submit soft copy of your report (via e-mail) will be two days prior to the day of presentation

Faculty Co-ordinator
Prashant S. Gurupadgal - 7350319660

Student Co-ordinator
Shreyash Chavan - 9523643439
Aditya Bongale - 7988661321

GLORIOUS

POSTER PRESENTATION

Organizer - Automobile Engineering

Subjects for poster presentation competition

- Global warming
- Save water, save world
- Addition of mobile phones
- Artificial intelligence and machine learning
- Industry 4.0
- Energy management
- Nanotechnology
- Alternative energy sources

Rules:

1. Poster size: A1 drawing sheet (59.4 x 84.1 cm OR 596 X 841 mm)
2. Only one poster will be allowed to present per team.
3. The official language for the poster will be English.
4. Marks will be based on theme, creativity, efforts taken, scientific content and presentation.

Faculty Co-ordinator
Rohan M. Desai - 9890180963

Student Co-ordinator
Guruprasad patil - 9175797882
Dhairyashil patil - 9130492424

YOUTH IDEATHON

Organizer

Electronics & Telecommunication, Electronics & Computer engineering and artificial intelligence & machine learning

Sectors for Ideathon:

- Mechatronics
- Cyber Security
- Automation
- Agricultural
- Health and Social Care

Rules:

1. Maximum two participants (per group) are allowed.
2. Ideas must be based on defined sectors.
3. Participant should present their idea with PPT or Prototype.
4. Judging will be based on innovativeness and feasibility of the presented ideas.

Faculty Co-ordinator
Mrs. P. T. Patil - 9870281291
Ms. Sharmila V. Chavan - 9421107725

Student Co-ordinator
Swapnil Rathod - 9019773913
Akash Dhavale - 7840900423

AAKAR

Model making of Civil Engineering Structures

Rules:

1. Maximum two participants (per group) are allowed.
2. Participants can use any material for making the model.
3. The model should be related to civil engineering structures.

Faculty Co-ordinator
Mr. R. S. Kumbhar - 8308659905

Student Co-ordinator
Sarthak V. Patil - 9169167900
Aryan R. Nalawade - 9856131515

QUIZ MANIA

Organizer - Mechanical Engineering Department

Rules:

1. There will be three different rounds.
2. The quiz is interdisciplinary and the questions will be based on fundamental engineering concepts and knowledge.

Faculty Co-ordinator
Mr. Mahesh E. Chocalkar - 9922232526

Student Co-ordinator
Prachamesh Nalawade - 8767910654
Kahitij Gore - 9421396768

PHARMA NEW ZEAL PROJECT (MODEL) PRESENTATION

Organizer

New College Of Pharmacy

Rules:

1. The model to be presented must be self-made and not ready made.
2. Relevance to the various competencies as per ER2020

Faculty Co-ordinator
Mr. Sujat V. Salokhe - 9970226610

Student Co-ordinator
Mehit Patil - 8983782025
RushikeshSarete - 9577707475

GENERAL RULES FOR EVENT

1. Each team will consist of maximum 2 participants.
2. Registration Fee per team Rs. 200
3. Valid ID card is mandatory



PRIZES

1. First Prize: Rs. 3000/- + Trophy + Certificate
2. Second Prize: Rs. 2000/- + Trophy + Certificate
3. Third Prize: Rs. 1000/- + Trophy + Certificate



SCAN CODE FOR
REGISTRATION FORM

Event coordinator
Mr. Nitin Sawant

Shri. Y. S. Chavan
Treasurer

Chief coordinator
Mr. B. B. Rajgare

Shri. D. G. Kiledar
Vice-Chairman

Chief coordinator
Dr. R. B. Kumbhar

Shri. K. G. Patil
Chairman

PATRON

Convener
Dr. Sanjay H. Dabhole
Principal

Shri. B. G. Borade
President (PSMBH)



SCAN CODE FOR
PAYMENT

Parent's Teacher Meeting:



Industrial Visit :



Seminar and guest lectures:



*Celebrating Various Days :
Traditional Day :*



Sport's day :



Ethnic Day :



GENERAL CHAMPIONS TROPHY :

