## **NEWS-LETTER 2022-2023**



JAGDAMBA EDUCATION SOCIETY'S

### SANTOSH N DARADE POLYTECHNIC

A/P: Babhulgaon Tal: Yeola Dist: Nashik 423401

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ALL INDIA COUNCIL FOR TECHNICAL EDUCATION(AICTE), NEWS DELHI DIRECTORATE OF TECHNICAL EDUCATION (DTE) ,MUMBAI

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# WHY COMPUTER ENGINEERING?

- ✓ QYALITY EDUCATION
- ✓ BEST STUDENT RECORD
- ✓ WIFI COMPUTER LAB

## COMPUTER ENGINEERING



Prof. Shaikh S F HOD

# JOB OPPORTUNITY

- ✓ ALL GOV. ORGANIZATION
- **✓ BANKING**
- ✓ SOFTWARE DEVELOPER
- ✓ ARTIFICIAL INTELLIGENCE
- ✓ DATABASE ADMINISTRATOR
- ✓ NETWORK ENGINEER
- ✓ WEB DESIGNING
- ✓ SOFTWARE TESTER
- ✓ SYSTEM ANALYSIST
- ✓ CYBER SECURITY ENGINEER



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**Jagdamba Education Society's** 

# S.N.D. Polytechnic, Babhulgaon Computer Engineering Department



### **About Us**

A Computer professional who desires to create a niche in the IT sector cannot solely rely only on his coding instincts. He needs to have strong system operational skills to be proficient in Software design, modeling, testing, networking and troubleshooting as well. This calls for strong designing, computing and networking facilities with ideal configurations where a student can explore and learn.

Our department is dedicated to improving and making the students skilful and perfect to run the organizations properly. The department has a team of young and enthusiastic teachers with state-of-the-art laboratories. Professor Shaikh S. F. is guiding the department as a head.

# **Vision & Mission of Computer Department**

### Vision:

To create and maintain learning environment to produce diploma computer technocrat who will serve the industry and society with their knowledge and skill.

### **Mission:**

M1:To impart computer engineering knowledge to satisfy industry and society need.

M2: To inculcate habit of computer engineer for life long learning to cope-up with changing technology.

M3: To empower computer engineers for social progress with ethical values.

### Values:

- 1 Students centric learning
- 2 Team work and collaboration
- 3 Integrity and ethics
- 4 Professional development

# From Principal Desk



The department of Computer Engineering lays a significant amount of emphasis on offering students with maximum system operational time to improve their programming, networking and troubleshooting. Participation in competitions, industrial training & visits are regular features of the Computer Department.

We take pride in our commitment to offer programmers that draw on research and bestpractice as well as acting with the wealth of knowledge and experience of our competent faculty. Together, we aim to create a relevant, engaging and challenging educational experience for all our students. Gear up for the hard work and I am sure you will enjoy your three years...!

Prof. Jadhav U. B. (Principal) (M-Tech CSE)

# From Computer HOD Desk



"It gives me immense pleasure to lead the department of Computer Engineering. Our college is one of the premiere institutions in Yeola, Nashik (Maharashtra), unique like a prism reflecting the manifold shades of learning and co-curricular activities. TWith stateof Art laboratories, highly skilled staff members adopting innovative teaching methodologies are continuously striving for the betterment of the student community. Department has a very unique approach to bridge the gap between academics and industry requirements and in the process has partnered with many companies like Assimilate Technologies Pvt. Ltd. Pune, Spark Infotech, Sunanda Infotech Pvt. Ltd., Arnav Technosys etc for skill development. Department is also well equipped with an incubation center where students have a great opportunity to work on their creative abilities to develop their own projects in a real time environment".

Prof. Shaikh S. F.

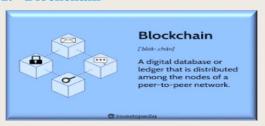
**Head of Department** (M-Tech CSE)

# Faculty Details:

SR NO	NAME OF STAFF	DESIGNATION
1	PROF SHAIKH S F	HOD
2	PROF KENGE J P	SR LECTURER
3	PROF SONAWANE S R	LECTURER
4	PROF ACHAT P M	LECTURER
5	PROF SONAWANE R S	LECTURER
6	PROF SAYYED A S	LECTURER
7	PROF SANSARE M S	LECTURER
8	PROF BHAGWAT T B	LECTURER
9	PROF BHAMBARE A V	LECTURER
10	PROF KHARAT Y D	LECTURER
11	PROF KHERUD T D	LECTURER

#### 1. Technical Touch:

#### 1. Blockchain



What Is Blockchain Technology? Blockchain is a method of recording information that makes it impossible or difficult for the system to be changed, hacked, or manipulated. A blockchain is a distributed ledger that duplicates and distributes transactions across the network of computers participating in the blockchain.



Python is an interpreted, high-level, general-purpose programming language. Created by Guido van Rossum and first released in 1991, Python has a design philosophy that emphasizes code readability, notably using significant whitespace. It provides constructs that enable clear programming on both small and large scales.

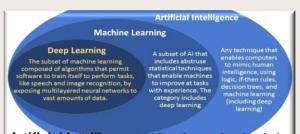


extends the Java Servlet API and employs a

Model, View, Controller (MVC) architecture. It enables you to create maintainable, extensible, and flexible web applications based on standard technologies, such as JSP pages, JavaBeans, resource bundles, and XML.



React is an open-source, front end, JavaScript library for building user interfaces or UI components. It is maintained by Facebook and acommunity of individual developers and companies. React can be used as a base in the development of single-page or mobile applications.



**Artificial intelligence** (AI) refers to the simulation of human **intelligence** in machines that are programmed to think like humans and mimic their actions. The term may also be applied to any machine that exhibits traits

associated with a human mind such as learning and problem-solving.



Machine learning is a method of data analysis that automates analytical model building. It is a branch of artificial intelligence based on the idea that systems can learn from data, identify patterns and make decisions with minimal human intervention.



Edge computing is a distributed computing paradigm that brings computation and data storage closer to the location where it is needed to improve response times and save and width.



Bootstrap is a free and open-source CSS framework directed at responsive, mobile-first front-end web development. It contains CSS- and JavaScript-based design templates for typography, forms, buttons, navigation, and other interface components.



Selenium is a portable framework for testingweb applications. Selenium provides a playback tool for authoring functional tests.

### Research papers by our faculty:

**Paper Topic:** "Deep Learning based Video forgery detection using Tensor flow and CNN algorithm" ISSN: 2455-2631 November 2022

IJSDR | Volume 7 Issue 11

-- Prof. Shaikh Shorab

The Video forgery refers to manipulating a video in such a way that it changes the content perceptually. Video Forgery can be as simple as inserting advertisements during broadcasting of sporting events or as complex as removing people digitally from a video. Video Forgery can be divided into two parts Spa-tial Forgeries and Temporal Forgeries. The advanced substance would now be able to be effectively controlled, incorporated and altered from multiple points of view without leaving any obvious pieces of information. The respectability of advanced recordings can never again be underestimated. It has become hard to separate in the middle of a produced and a unique video. Subsequently, there is an expanding disappointment and question about the legitimacy of these recordings, deliberate alteration of the digital video for fabrication is referred to as Digital Video Video Forgery. forgery means manipulating a video in such a way that changes are made in its content perceptually. Video forgery means meddling the video by transforming or changing its contents. Theses modification when are implemented on the videos, they either affect visual data present in the frames sequence or the temporal reliance

between the frames. Intentional change of the computerized video for manufacture is alluded to as Digital Video Forgery. Video fraud implies controlling a video so that changes are made in its substance perceptually. Video fraud implies intruding the video by changing or changing its substance. Postulations alteration when are executed on the recordings, they either influence visual information present in the edge's succession or the transient dependence between the edges.

According to the applying requirements of authenticity and integrity of video sequence, the research topic of video objects removal detection and localization is dis- cussed. We propose a 3-step framework for the purpose of locating the tampered objects in video sequences with a moving background which is captured by a moving camera. At the end, we give out the research challenges.

### **Paper Published Certificate:**



THIS CERTIFICATE IS CONFIRM THAT

### **Bhagwat Tushar Babasaheb**

PUBLISHED FOLLOWING ARTICLE

#### **Digital Electronics Uses In Real Life Applications**

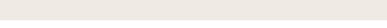
Volume 4, Issue 1 (January-February 2023), PP: 42-44.

A Peer Reviewed referred Journal



International Journal of Innovative Research in Engineering ISSN No:2582-8746











An International Open Access Journal

ISSN: 2455-2631

## Certificate of Publication

The Board of

International Journal of Science & Engineering Development Research
Is hereby awarding this certificate to

#### Shaikh Shorab

In recognition of the publication of the paper entitled

Deep Learning based Video forgery detection using Tensor flow and CNN algorithm

Published in Volume 7 Issue 11, November-2022



Co-Authors -



Paper ID - IJSDR2211057

**Editor-In Chief** 



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# International Research Journal Of Modernization in Engineering Technology and Science

(Peer-Reviewed, Open Access, Fully Refereed International Journal)

e-ISSN: 2582-5208

Ref: IRJMETS/Certificate/Volume 05/Issue 01/50100030762

Date: 17/01/2023

## Certificate of Publication

This is to certify that author "Rahul Shivaji Sonawane" with paper ID "IRJMETS50100030762" has published a paper entitled "ARTIFICIAL NEURAL NETWORK USING MACHINE LEARNING" in International Research Journal Of Modernization In Engineering Technology And Science (IRJMETS), Volume 05, Issue 01, January 2023







Editor in Chief

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## **Student Life at Commuter Department**







Digital Classroom in Computer
Department





#### LET,S Talk with Alumini

Hii myself pratiksha sonawane I was passed out 2021-2022 batch from this institude and I was really get passed Full knowledge in Engineering . I also improved my personality and this institude is really for based education .thank to all are staff for getting me this best step for my career.

Miss – Sonawane Pratiksha[2021-22]

Great experience with S.N.D Polytechnic specially with my computer enginnering Dept .when I was in the first year I had fear that engineering college life is having too much stress .so I was very depressed but when I completed my first semester in comp dept that was very freely enviorment by our lovable staff I didn't realise how my college days ends up .thanks to all dept staff.

Miss ..Dabhade Rushali B[2020-21]

The college of S.N.D Polytechnic Yeola.is a faithfully top level activities of msbte board performed in college...that full response of students participants in event...there gathering ...is a gracefully event organized by principal sir...there teaching staff is fully supported in guidance of students. About to all activities ...practical ,lecture, exam, festival, event....these very very well.....

Miss Salve Pranjali [2019-20]

Student Activities















Workshop













**Industrial Visit** 

Personality Development By Mr.Chandrakant Ingale





Expert Talk Benefits Of Industrial Training For Career







Expert Lecture On Personality
Development By Mr.
Chandrakant Ingale





Expert Talk On Benefits Of Industrial Training For Career By Mrs. Sonali Gorade





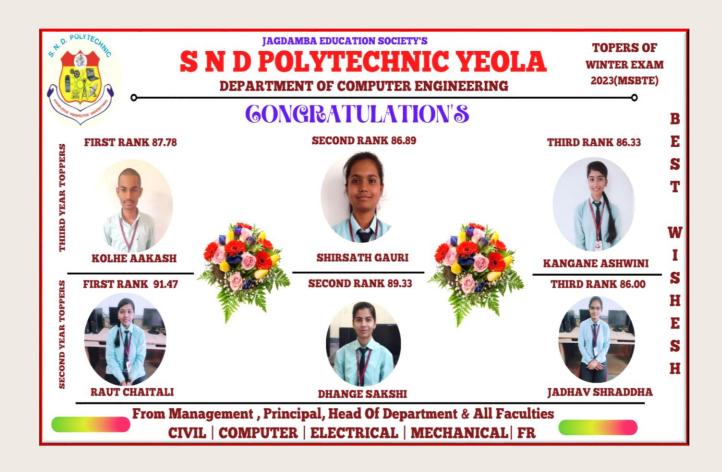
# Newsletter 2022-23 [Volume IV | Issue I]





# **CONGRATULATION**

Computer Engineering Toppers 2022-23 Winter 2022







# Tantrasangram 2022-23 C-Fighter Winner

Sr No	Name of Student	Name of College	Prize
1	Sonawane Sakshi G	S.N.D Polytechnic yeola	1 <sup>st</sup>
2	Bhavsar Manthan	M.I.T College Dhanore	2 <sup>nd</sup>
3	Dhange Monali S	S.N.D Polytechnic yeola	3rd







**ः** सकाळ

# एसएनडी पॉलिटेक्निकमध्ये राज्यस्तरीय तंत्रसंग्राम!

# विद्यार्थ्यांनी सादर केले तंत्रकौशल्य; अभियंत्यांनी घडवावा सकारात्मक बदल

#### सकाळ वृत्तसेवा

येवला, ता.६ : जगदंबा एज्युकेशन सोसायटी संचलित वाभूळगाव येथील एस. एन. डी. पॉलिटेक्निकमध्ये राज्यस्तरीय तंत्रसंप्राम उत्साहात पार पडला. पदविकेचे शिक्षण धेत असताना आधुनिक तंत्रज्ञानाबद्दल विद्यार्थ्यांमध्ये असणाऱ्या करागुणांना तंत्रसंप्रामच्या निमित्ताने वाथ मिळाला. नाशिक, नगर, औरंगाबाद जिल्ह्यातील विविध पॉल्टिकिनकच्या विद्यार्थ्यांनी यात सहभाग नोंदवत आपले तंत्रकीशल्य

जगदंबा शिक्षण संस्थेचे कार्यकारी



ाव : येथील एस.एन.डी. पॉलिटेक्निक महाविद्यालयात राज्यस्तरीय तंत्रसंग्रामचे उद्घाटनप्रसंगी संस्थेचे कार्यकारी संचालक रूपेश दराडे, कार्यकारी अभियंता संजय तहवी, प्राचार्य उत्तम जाधव आदी.

संचालक रूपेण दराहे. महाचितरणचे कार्यकारी अभियंता संजय तड़वी,

एस.एन.डी.पॉलिटेक्निकचे प्राचार्य उत्तम जावव या प्रमुख पाहुण्यांच्या हस्ते । करण्यात आहे. ग्रामीण भागातील

सरस्वतीपूजन करून कार्यक्रमाचे उद्घाटन

अडकृत न राहता तंत्रशिक्षण घेऊन आपले अस्तित्व सिद्ध करावे. ग्रामीण विद्यार्थीही उच्चपदावर पोचू शकतो हे दाखकुन देण्याचे आवाहन संचालक रूपेश दराडे यांनी केले. संजय तहवी यांनी सकारात्मक बदल घडविण्याची शक्ती अभियंत्यांमधेच असते. विद्यार्थी दशेत आपल्या ज्ञानाचा उपयोग करून नवनवीन संकरपना वापरात आणण्याचे प्रयत्न करावे असे आवाहन त्यांनी केले.

तंत्रसंग्रामअंतर्गत विविध विभागातर्फे झालेल्या स्पर्धेतील प्रथम तीन विद्यार्थ्यांना सन्मानचिन्ह व रोख पारितोषिक देऊन गौरविण्यात आले. एसएनडी अभियांत्रिकी महाविद्यालयाचे

#### स्पर्धेचा निकाल असा

- (प्रथम, द्वितीय, तृतीय कमाने)
   क्रांमुद्रर रिभाग: सी फायटर स्मर्धा साक्षी संनावाने (एसएनडी पीलिटेक्निक बायुळगाव), मंधन भावसार (मातोश्री पीलिटेक्निक धानीर), मोनाती धनगे (एसएनडी चीलिटेक्निक)
   मेकॅनिकल विभाग: वेंडवार स्मर्धा सैक मुलानी (संजीवनी पीलिटेक्निक कोररागाव),विशाल मोने (एमआयटी चीलिटेक्निक रोटेगाव), सुकीयान मोमीन (एमआयटी रोटेगाव).
- सिव्हिल विभाग : ब्रिजआधार स्पर्धा शुभम निकम,शुभम मखरे,तेजस तुसे (तिघेही एसएनडी पॉलिटेक्निक बाभूळगाव)
- इलेक्ट्रिकल विभाग: क्वीझ मास्टर स्पर्धा निषुण चौधरी (एमआयटी रोटेगाव),सोहिल बुधर (एमआयटी धानोरे),महेश घताल (एमआयटी धानोरे).
- विज्ञान विभाग: मिनी प्रोजेक्ट प्रदर्शन स्पर्धा किशोर पवार संघ (एसएनडी बाभुळगाव),आकाश गोरे संघ (एसएनडी बाभुळगाव),सैफ मुलानी संघ (संज्ञीवनी पॉलिटेक्निक कोपरगाव).
- फायर सर्विस विभाग फायर वार स्पर्धा : अंकित कांबळे,ऋषिकेश सदाफळ,महेश गोंडे (तिथेही एसएनडी पॉलिटेक्निक बागूळगाव).

प्राचार्य डॉ. डो. एम. यादव, संगणक विभागप्रमुख डॉ. उमेश पवार, प्राचार्य उत्तम जाधव, विभागप्रमुख सतीश राजनकर जानेक्वर धनवटे गणेश चळाण, शोराब शेख, संतोष खंदारे,

संदीप असुदे आदी उपस्थित होते. विभागप्रमुख प्रा. संतोष खंदारे यांनी कार्यक्रमाचे संयोजन केले. प्रा. वर्षा भालेखव व प्रा. अंकुश गाढे यांनी सत्रसंचालन केले.

Nashik, Sinnar 07/03/2023 Page No. 1

# Yuvasandan 2K-23





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## ्रस्कृळ एसएनडी पॉलिटेक्निकमध्ये युवास्पंदन वार्षिक स्नेहसंमेलन : कौशल्यगुण सादरीकरणाचे उत्तम व्यासपीठ

#### सकाळ वृत्तसेवा

येवला, ता. २९ : जगदंबा शिक्षण संस्था संचलित वाभूळगाव येथील एस.एन.डी. पॉलिटेक्निकमध्ये युवास्पंदन वार्षिक स्नेहसंमेलन उत्साहात पार पडले. विद्याध्यांनी विविध सांस्कृतिक कार्यक्रम सादर केले तसेच गुणवंत विद्याध्यांचा गौरव करण्यात आला.

संस्थेचे सचिव कुणाल दराडे, जगदंबा संस्थेचे संचालक रूपेश दराडे, संतोष विद्यालयाचे प्राचार्य गोरख येवले, एसएनडी पॉलिटेक्निकचे प्राचार्य उत्तम जाधव आर्दीच्या इस्ते सरस्वती पूजन करण्यात आले. विद्याध्योनी विविध प्रकारचे संघ नृत्य, वैयक्तिक नृत्य, एकपात्री नाटक, संघ नाटिका सादर केले. स्नेहसंमेलनात घेण्यात आलेल्या विविध समर्थामध्ये प्रथम व द्वितीय आलेल्या विवध प्रथमिष्ठ प्रथम व द्वितीय आलेल्या विद्याख्यांना तसेच विद्याख्यात घवघवीत यश संपादन करून उत्तीर्ण झालेल्या विद्याख्यांचे औ. दराडे, औ. दराडे यांच्या हस्ते गीरव करण्यात आला. जागतिक विद्युत्तमन दिवसाच्या पार्थ्वभूमीयर विद्युत्त कार्यरत असलेल्या तालुक्यातील लाईनमन कर्मचाऱ्यांना सन्मानपत्र देऊन गीरविष्यात आले

लाइनमन कमचाऱ्याना सन्मानपत्र दर्जन गौरविष्ण्यात आले. संचालक रूपेश दराडे यांनी ग्रामीण भागात पॉलिटेक्निक सुरू करण्यामागचा संस्थेचा उदेश स्पष्ट करून एसएनडीमध्ये शिकलेले हजारो विद्यार्थी यशस्यी उद्योजक व चांगल्या पगारावर नोकरी करत असल्याचे घांगितले. विद्यार्थीनी नोकरीच्या मागे न लगाता तंत्रशिक्षण घेऊन स्वतःच्या पायावर उभे राहुन मोठे उद्योजक व्हावे असे आवाहन केले. प्रामीण भागातील विद्यार्थी आता औद्योगिक शिक्षणाकडे वळले आहेत, शिक्षण पूर्ण करून उद्योजक वनत आहेत हे संस्थेचे मोठे यश असल्याचे सांगितले. पालिटेक्निकचे प्राचार्य उत्तम जाधव यांनी सर्व शैक्षणिक व विविध स्मर्थामध्ये यशस्वी विद्याध्याचे अभिनंदन करत अध्यासासोवत आपले कीशल्य विकासाला वाव देण्यासाठी हे प्रभावी व्यासपीठ असल्याचे सांगितले. विभागमुख सतीश राजनकर, जानेक्य धनवटे, गणेश चव्हाण, संतोष खंदारे, शोराब शेख, संदीप असुदे, समन्वयक रविकुमार ताकसाठे आदी उपस्थित होते.



बाभूळगाव : एसएनडी पॉलिटेक्निकमध्ये वार्षिक स्नेहसंमेलनात गुणवंत विद्यार्थ्यांचा गौरव करताना संचालक रूपेश दराडे. शेजारी प्राचार्य, विभागप्रमुख. Nashik, Sinnar 300032033, Bano No. 4





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# THANK YOU !!!