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.....Connecting Minds & Souls



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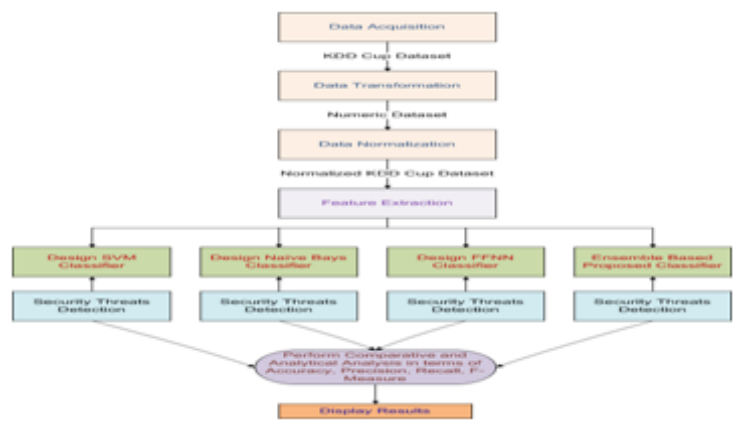
Samvaad Editorial Article: Ensemble Base Classifier for Intrusion Detection System

There is a tremendous growth in the field of information technology due to which, network security is also facing significant challenges. The traditional Intrusion Detection System (IDS) is not able to prevent the recent attacks and malwares. Hence, Intrusion Detection System (IDS) which is an essential component of the network needs to be protected. IDS methodologies which are currently in use require human involvement to create attack signatures or to generating productive models for normal behavior. In order to supply a potential another to expensive human input, we are in need of learning algorithms. The predominant task of such learning algorithm is to discover appropriate behavior of IDS as normal and abnormal (system is under attack). The algorithm should be accurate and it should process the information in quick successions which is one of the major drawbacks in IDS because of the large amount of features. The intrusion detection plays an essential role in computer security. Data mining introduce to the process of separate hidden, previously unknown and useful information from huge databases. To detect patterns in the data set and use these patterns to find future intrusions data mining techniques help. Data Mining based Intrusion Detection System is combined with Multi-Agent System to improve the performance of the IDS. In the current era, there is ample knowledge in using Internet in social networks (such as instant messaging, video conferencing, etc.), the field of healthcare, various areas related to electronic commerce, banking, and services several other fields. As computer systems based on the network plays an ever more important in recent period once they have become the target of our criminals and enemies. Accordingly, we must determine the one of the best way to take our systems. The security of a computer system is compromised at the time of an intrusion occurs. Intrusion is nothing but the set of actions that intention is compromise the confidentiality, integrity or availability of a resource for example, illegally get super user privileges to attack and make out of the system (ie, DOS), etc

Data mining based network intrusion detection is widely used to identify how and where the intrusions occur. Reducing the number of features by selecting the important features is critical to improve the accuracy and speed of classification algorithms. Hence, selecting the significant features and developing the best classifier model in terms of high accuracy and detection rates is the focus of the proposed method. The ultimate goal is to select an effective classification approach for developing an accurate intrusion detection system. It combines the classifiers which is the prevalent approach, to increase the accuracy of a single classifier. For experimentation purpose, benchmark intrusion detection dataset, which is KDDCup'99 and the accuracy of the classifiers were estimated using 10-fold cross validation method has been used.

This work dealt with the problem of feature selection, which is of great importance in intrusion detection due to high dimensional data. To improve the accuracy rate of the detection system, the classifiers are hybridized and evaluated on the benchmark intrusion detection dataset, KDDCup'99 from UCI machine learning repository.

Data mining methods and classification approaches have been applied for intrusion detection system to differentiate normal and abnormal behaviour. The proposed feature selection methods, namely: Flexible mutual information based feature selection (FMIFC) and hybrid feature selection algorithm (HFS) was evaluated on standard data mining classification algorithms: Naïve Bayes (NB), Decision Tree and Support Vector Machine (SVM). The effectiveness of feature selection methods was tested using hybrid approach based on Artificial Neural Network algorithms. There is a good improvement in the performance of the hybrid ensemble classifier using the features of three Support Vector Machine (SVM), Naïve Bayes (NB), and Feed Forward Neural Network (FFNN) classifier than single classifiers. In the proposed method, the three ensembles in feature ranking methods are fusion, selection and hybrid methods. The effectiveness of ensemble classifier is tested through all three basic classification algorithms. The proposed hybrid classifier produces best results using the features of hybrid methods. Also, the performance of proposed method is compared with traditional classifiers: NB, SVM, FFNN. The proposed hybrid approach achieves an accuracy rate of 95.11%, detection rate of 98.67%..



Future work can be extended using various bio-inspired algorithms for feature selection and classification with real-time network datasets. The effectiveness of IDS can be still improved to handle newly rising attacks for achieving 100% detection rate. The privacy preserving Online Analytical Processing (OLAP) can be integrated with the proposed framework to enhance and improve the effectiveness and the flexibility of the IDS system

Dr. Rajesh Phursule
 Executive Editor, Samvaad, PCCoE, Pune

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Mechanical Department

Faculty achievements:-

- Shriyash S. Shinde, Shivprakash B. Barve on Advances in hybrid aluminium metal matrix composite produced by stir casting route: A review on applications and fabrication characteristic, <https://doi.org/10.1016/j.matpr.2024.05.029>, Materials Today: Proceedings- Scopus.
- 4Shriyash S. Shinde, Pankaj P. Awate, Shivprakash B. Barve, Spruha Dhavale on Al₂O₃/Al6061 nanocomposite for aviation and automobile components, <https://doi.org/10.1016/j.matpr.2024.05.145>, Materials Today: Proceedings-Scopus
- A. Owhal, A. D. Pingale, S. Belgamwar, J. S. Rathore, on Remarkable tribo-mechanical, anticorrosion and antibacterial properties of ZnCu/GNPs composite coatings prepared by electro-co-deposition technique, Journal of Alloys and Metallurgical Systems, 2024, (6), 100083. (Scopus) Link: <https://doi.org/10.1016/j.jalmes.2024.100083> (Elsevier)

*Congratulation Team Baron and Team
Mentor Mr. C.R. Ingole*



Student Achievement:-

Pimpri Chinchwad, Pune, April 18, 2024 - The motorsports team of Pimpri Chinchwad College of Engineering, known as TEAM MAVERICK INDIA, has achieved remarkable success in the prestigious SAE Aero Design West Competition held in Van Nuys, California, USA. Out of 75 participating teams from all over the world, the team secured an impressive 4th rank in mission requirements, 16th rank in design report, and an overall-10th rank. This outstanding performance not only brings honor to the institution but also showcases the exceptional abilities of Indian engineering students on a global platform.



Computer Department CSE (AIML)

1. Mr. Sanjay Talbar published the paper on "Signal Adaptive Threshold for ECG Compression using FDRA" in the Springer journal "Circuits, Systems and Signal Processing.", 18 March 2024.

Student Achievements

1. Parth Halwane secured an internship at PTC, offered by PCCOE T&P, with a stipend of 22,000 per month.
2. Atharva Joshi obtained an internship at Quaza AI, receiving a stipend of 11,000 per month.
3. Yash Sonar and Vaibhav Gangurde both landed internships at Arthashastra Intelligence, each earning a stipend of 7,000 per month.
4. Prathmesh Kolekar and Aditya Metkar secured internships at Patseer Technologies with a monthly stipend of ₹6,000 each.
5. Aparna Hatte and Sayalee Patil landed internships at BOP, each receiving a stipend of ₹2,500 per month.
6. Dhanshree Yadav and Neha Mahajan obtained internships at Tata Motors Ltd Pune.
7. Dhanshree Yadav has completed a 12-week NPTEL course on Cloud Computing, achieving an Elite+ Gold certificate.

Department of AS & H

Dr. Sandip Jagadale published a research paper titled "Fabrication of single-step Novel synthesis of ZnCd(S_{0.5}Se_{0.5})₂ thin films for Photo electro-chemical (PEC) Cell Application" in the journal "Physica B: Condensed Matter Physics" (Scopus indexed).

Information Technology Department

Faculty and Students Publications, Achievements

Sr. No.	Topic	Author	Specifications
1.	Paper: “Improving Cybersecurity in Business Settings: The challenges and solutions of Machine Learning”	Shradha Tawade	IEEE Xplore (EDH 2024): “Best Paper Award”

Civil Engineering Department

1. Dr. A.K. Gaikwad and Dr. D.S. Lal received funding of Rs. 3,45,000/- ProCON for designing Light Weight Concrete with Sintered aggregates in Association with PCERF from November 2023 to June 2024.
2. Dr. Kanchan Khare published a paper on ‘Evaluation of composite matrix in constructed wetland for phosphorous removal’ at Elsevier on 23rd May 2024.
3. Mr. S.D. Kurhade attended a one-week faculty development program on "Strengthening Concrete through Waste Materials, Techniques and Design" organized by the Department of Civil Engineering (Accredited by NBA, New Delhi), Sanjivani College of Engineering in Association with The Institution of Engineers (I), Ferrocement Society of India & Jalvardhini Pratishthan, Mumbai on 2nd May to 4th May 2024 (Online Mode), 6th & 7th May 2024 (Physical Mode)
4. Mr. S.B. Gorade has undergone five days of online session Innovation Ambassador (IA) training ‘Foundation level’ by MoE’s Innovation cell & AICTE during the IIC, 25th to 29th May 2024.
5. Dr. Pankaj Mali has undergone five days of online session Innovation Ambassador (IA) training ‘Foundation level’ by MoE’s Innovation cell & AICTE during the IIC.
6. Dr. Vinay Rangari has undergone five days of online session Innovation Ambassador (IA) training ‘Foundation level’ by MoE’s Innovation cell & AICTE during the IIC, 25th to 29th May 2024.

Student’s Achievements

1. **Ms. Aishwarya Karle, PCCoE Civil Alumni 2020-21 batch secured First Rank (female) in Zilla Parishad Pune as a Civil Engineering Assistant & 5th Rank all over Pune District.**
2. **Mr. Tejas Borse, PCCoE Civil Alumni 2021 batch selected as Junior Engineer in Zilla Parishad, Raigad.**
3. B-tech final-year students from (Mechanical, E&TC, and Computer) participated in an e-waste collection drive under IE2 activity. Students in the group performed a collection drive from various electronic shops, offices etc. A total of 94 kgs of e-waste collected by students were handed over to M/s Electrofine, Pune on behalf of M/s. Greenscape Eco Pvt. Ltd. Pune on 8th May, 2024. Faculty coordinator -Ms. Anushree Chandragade.
4. No of Students undergoing internships= 85 [No. of T.Y B-Tech Civil Students= 76 and No of M-tech (Construction Management) = 9
5. **Training for Improvement in Placements:**Preparation for Core Companies by Ms. Toral Agarwal (Industry Person- Worley Specific)

Student’s Placement AY 2023-24, Semester II			
Sr. No.	Name of the Student	Name of the Company Placed	Year
1	Akankasha Dandge	Worley	2023-24
2	Pooja Katre	Worley	2023-24
3	Balachandra Gajbhare	Sgurr Energy Pvt. Ltd.	2023-24
4	Yash Mahjan	Sgurr Energy Pvt. Ltd., Sobha Developers	2023-24
5	Yash Deshmukh	Ernst and Young India	2023-24
6	Samarth Chaudhari	Ernst and Young India	2023-24
7	Tejas Kale	CCTECH	2023-24
8	Aniket Patil	Sobha Developers	2023-24
9	Tanmayi Chavan	Tata Consulting Engineers Ltd. (TCE)	2023-24
10	Sonali Bhoite	Tata Consulting Engineers Ltd. (TCE)	2023-24
11	Shreya Mule	Godrej Properties Limited	2023-24
Students Enrolled for higher studies in AY 2023-24			
Mr. Raj RajPeswani, B-Tech Final Year Civil admitted to the Master of Analytics Manlytx program at the University of California, Berkeley.			
Mr. Harsh Gangwal, B-Tech Final Year Civil admitted to the Master of Science in Construction Management (MSCM) at Texas A & M University.			
PG Civil CM placements AY 2023-24		Name of the Company Placed	
Samkit Chhajed (PG CM)		S J Contracts	
Dheeraj Supekar (PG CM)		Proultimus Consulting Private Limited	
Rushikesh Kamble (PG CM)		ERA Structural Consultants	
Ninad Gawali (PG CM)		ERA Structural Consultants	



A total of 94 kgs of e-waste collected by students were handed over to M/s Electrofine, Pune on behalf of M/s. Greenscape Eco Pvt. Ltd. Pune on 8th May, 2024.

Computer Engineering Department

Faculty Achievements

It is with great pleasure that we announce the successful completion of Dr. Geetanjali Sharma's Doctor of Philosophy (Ph.D.) program. Dr. Sharma, an esteemed Assistant Professor in the Department of Computer Engineering at Pimpri Chinchwad College of Engineering (PCCOE), Pune, has been awarded her Ph.D. on May 16th, 2024. Her thesis, titled "Data Security, Threat, and Surveillance in the Context of COVID-19 with Respect to Commercial Banks in India," was meticulously completed at Shri JagdishprasadJhabarmalTibrewala University under the expert guidance of Dr. Shashi Bhushan.

Dr. Sharma's research is a significant contribution to the field of computer engineering, especially in the current climate where data security is of paramount importance. Her thesis delves into the multifaceted issues surrounding data security, threats, and surveillance during the COVID-19 pandemic, focusing specifically on commercial banks in India. This research is particularly relevant given the increased reliance on digital banking and the subsequent rise in cyber threats during the pandemic. Dr. Sharma's work not only highlights the vulnerabilities in the banking sector but also proposes robust security measures to mitigate these risks, thereby contributing to the safeguarding of critical financial data. Throughout her doctoral journey, Dr. Sharma has demonstrated an unwavering commitment to academic excellence and research. She has actively contributed to the academic community by publishing four research papers, two of which were featured in Scopus-indexed journals, while the other two were presented at prestigious international conferences. These publications underscore her dedication to advancing knowledge in the field of data security and her ability to engage with and contribute to scholarly discourse on a global platform. Dr. Sharma's achievements are a testament to her hard work, dedication, and intellectual prowess. Her research has garnered attention not only within academic circles but also among industry professionals, highlighting the practical implications of her findings. By addressing real-world issues faced by commercial banks during the pandemic, Dr. Sharma's work bridges the gap between theoretical research and practical application, offering valuable insights that can be utilized to enhance data security protocols in the banking sector. As a faculty member of PCCOE, Dr. Sharma has continually inspired her students and colleagues alike. Her passion for teaching and research has had a profound impact on her students, encouraging them to pursue their own academic and professional goals with vigor. Her achievement in completing her Ph.D. adds to the prestige of PCCOE's Department of Computer Engineering and sets a high standard for both faculty and students. In celebrating Dr. Sharma's accomplishment, we also recognize the supportive environment provided by PCCOE, which fosters academic growth and encourages faculty members to pursue advanced research. This achievement is not only a personal milestone for Dr. Sharma but also a proud moment for PCCOE, reflecting the institution's commitment to excellence in education and research. We extend our heartfelt congratulations to Dr. Geetanjali Sharma for her outstanding achievement and look forward to her continued contributions to the field of computer engineering. Her success serves as an inspiration to all, exemplifying the heights that can be reached through dedication, hard work, and a passion for knowledge.



Dr Geetanjali Sharma

Farewell 2024

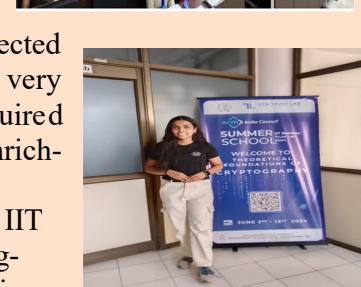
We are proud to announce the remarkable achievement of five of our outstanding students who have been selected to participate in the prestigious ACM Summer School programs at some of India's top institutes. Aditi Chavan has been chosen for IIT Bombay, Siddhi Bajpai will represent PCCOE, Mohit Bagul and Siddhesh More have both been selected for IIT Madras, and Anurag Lengure will join the program at IIT Madras. This selection is a testament to their hard work, dedication, and exceptional academic prowess. The ACM Summer School provides a unique opportunity for students to enhance their knowledge, engage with cutting-edge research, and collaborate with experts and peers from across the country. These programs are known for their rigorous curriculum and the exposure they provide to the latest advancements in computer science and engineering. Aditi, Siddhi, Mohit, Anurag, and Siddhesh have consistently demonstrated excellence in their studies and a passion for learning that extends beyond the classroom. Their selection for these prestigious programs is a significant milestone in their academic journeys and a proud moment for our institution. We congratulate them on this well-deserved achievement and look forward to their continued success and contributions to the field.

Summer School Experience

Here is there overall experience about summer school-

1. Anurag Lengure who joined program at IIT madras wrote the ACM summer school for Responsible and Safe AI at IIT Madras is organised with the purpose to uncover the intricacies of ethical AI frameworks, algorithmic transparency, and fairness in machine (un) learning, interpretability, consistency and many more. This program is tailored for students eager to conduct advanced research in areas such as consistency, transparency, bias mitigation, bench marking, jailbreak and ethical decision-making, providing a technical foundation to address the challenges in developing responsible and accountable AI systems. The check-in was on 2nd June 2024 at IIT Madras campus in Chennai Tamilnadu. The summer school had a tenure of 10 working days between 3rd June to 14 June. Across these 10 days Professors, academicians, Industry experts, Foreign University Individuals, and many more stakeholders of this industry were invited to teach us and help us learn the intricacies of this exponentially booming domain. Almost 100 students, from all across the nation and of various age groups and qualifications came to take part in this event. Half of them were selected via ACM and half of them were selected from the IIT Madras BSc program in Data Science. Through the tenure of summer school a goal was set, starting from the very first step that is covering the basics, then every day the step was risen above with a purpose to educate us with the required knowledge and the end of it all was a group project built to solve a typical everyday problem. The Summer School was an enriching and knowledgeable endeavor which helped me explore the all important field of responsible and Safe AI.

2. We are delighted to share the outstanding experience of Aditi Chavan, who recently attended the ACM Summer School at IIT Bombay. Over ten intensive days, Aditi immersed herself in advanced topics of cryptography and secure communication, significantly enhancing her expertise in the field. The program commenced with foundational knowledge in information theoretic tools, covering perfect encryption, its limitations, and secret sharing. Aditi participated in engaging group exercises, fostering collaborative learning from the very start. As the course progressed, she delved into more complex topics such as Information Theoretic Message Authentication Codes (MACs) and randomness extractors. The curriculum also introduced the basics of Symmetric Key Encryption (SKE), modes of operation, and the critical functions of MACs and hash functions. Aditi's understanding of secure communication deepened with sessions on Public Key Encryption (PKE) and digital signatures. One of the highlights was exploring fully-homomorphic encryption, a revolutionary concept that allows computations on encrypted data without decryption. The course further included practical applications of proof systems, including zero-knowledge proofs and succinct non-interactive arguments of knowledge (SNARKs). The summer school also covered secure multi-party computation, emphasizing both theoretical foundations like Yao's garbling and BGW protocol, and practical applications. Advanced cryptographic primitives such as Attribute-Based Encryption (ABE), Functional Encryption (FE), and indistinguishability Obfuscation (iO) were also part of the curriculum. The program culminated with sessions on the intersection of cryptography and blockchain technology, discussing Proof of Work (PoW) and Verifiable Delay Functions (VDF). Aditi's participation in this rigorous and enriching program underscores her dedication to advancing her knowledge in computer science and cryptography. Her experience at IIT Bombay's ACM Summer School not only broadened her academic horizons but also equipped her with cutting-edge skills to tackle contemporary challenges in the field of cryptography.



Other Events and Activities in PCCoE

PCCoE's KSHITIJ-2024
 Showcasing Innovations @ PCCoE
 Pimpri Chinchwad College of Engineering (PCCoE) cordially Invites you to "PCCoE-क़ितीज 2024"

Unveiling patentable projects developed by students. A unified platform enabling industry decision-makers to discover cutting-edge student innovations, explore new opportunities, and embark on new ventures.

Patentable Ideas for Kshitij 2024 :

- Flood Alert System using Deep Learning
- Hybrid Solar System
- Structural Health Assessment
- Robotic Railtrack Inspection System
- Child safety and security system
- Automatic Layout Marking Vehicle

VENUE
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www.pccoepune.com/kshitij-2024

13
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 10:30 AM - 3:30 PM

Dr. Narendra Deore +919637707616
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PCET's Pimpri Chinchwad College Of Engineering, Pune
 Department of Computer Engineering

CONGRATULATIONS
 FOR GETTING SELECTED IN
ACM India Summer School(2024)

Aditi Chavan (IIT Bombay)
 Siddhi Bajpai (PCCOE)
 Mohit Bagul (IMSC Chennai)
 Anurag Lengure (IIT Madras)
 Siddhesh More (IMSC Chennai)

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Pimpri Chinchwad Education Trust's
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 23, 24 AUGUST 2024

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- Internet of Things and Computer Networks
- Image Processing and Computer Vision
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- Information, Cyber and Network, Security
- Computer Applications and Business Mgmt.

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	Early Bird	Regular
Faculty (IEEE Member)	Rs. 5500	Rs. 6000
Faculty (Non-IEEE Member)	Rs. 6000	Rs. 6500
UG/ PG / PhD Scholar (IEEE Member)	Rs. 5000	Rs. 5500
UG/ PG / PhD Scholar (Non-IEEE Member)	Rs. 5500	Rs. 6000
Corporate / Industry	Rs. 6500	Rs. 7000
International Participants	\$110	\$130

IMPORTANT DATES

Date	Activity
30TH MARCH 2024	Paper Submission Deadline
30TH MAY 2024	Acceptance Notification
15TH JUNE 2024	Camera Ready Paper Submission
15TH JULY 2024	Registration and Payment
23RD TO 24TH AUGUST 2024	Conference Date

CONFERENCE LINKS
<https://iccubea.pccoepune.com>
<https://cmt3.research.microsoft.com/ICCUBEA2024>

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 Pimpri Chinchwad College of Engineering
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EMAIL: iccubea24@gmail.com

3rd International Conference on Innovations in Mechanical and Civil Engineering (i-MACE 2024), 23 - 24 Aug 2024

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 25/06/2024

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Contact Us
 Dr. Pravin R. Kale, General Chair: pravin.kale@pccoepune.org
 Dr. Bhinjunur S. Lal, Co-General Chair-Civil: bsl@pccoepune.org
 Dr. Laxman V. Awadhani, Co-General Chair-Mechanical: laxman.awadhani@pccoepune.org

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3rd International Conference on Innovations in Mechanical and Civil Engineering
 And
Civil Engineering
 Jointly Organized by
 Department of Mechanical Engineering and
 Department of Civil Engineering
Pimpri Chinchwad College of Engineering, Pune 411 044 (INDIA)

Conference Theme: "Resilient and Adaptive Smart Technologies"
 (23rd and 24th August 2024)

Conference Topics

Code	Topic	Code	Topic
M1	Modeling, Simulation & Optimization Techniques	C1	Waste and Water Management plans for Sustainable Environment
M2	Sustainable Materials and Manufacturing	C2	Smart Cities and Construction Technologies
M3	Resilient and Adaptive Design	C3	Alternative Structural Engineering
M4	Thermal and Fluid Engineering	C4	Transportation and Environmental Geotechnics
M5	Alternative and Renewable Energy	C5	Automation & soft Computing in Civil Engineering
M6	Smart Manufacturing	CM	Indian Knowledge System in Mechanical and Civil Engineering
M7	Sustainability in Design		
M8	Industry 4.0		

PUBLICATION
 AIP Conference Proceedings | EVERGREEN | Journal of Mines, Metals and Fuels

Important Dates

Activity	Date
Submission of Full-Length Paper by	30 th June 2024
Notification of acceptance of Paper by	15 th July 2024
Submission of Final Full-Length Paper by	15 th July 2024
Early bird Registration on or before	20 th June 2024

Contacts:
 Dr. Pravin R. Kale, Conference Chair
 Cell No. 9011085735
 Dr. Dhirajkumar S.Lal, Conference Co-Chair
 Cell No. 9743710463
 Dr. Laxman V. Awadhani, Conference Co-Chair
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 For more details, please visit: www.i-mace.pccoepune.com

Other Events and Activities in PCCoE

PCCoE have successfully organized *Indra Dhanush 2024: An Industry Academia Meet on 30th April 2024.* Around 45 Industry delegates and academicians were participated in the event. Panel discussion was held in which Industry experts from various engg. sectors such as Automotive, Logistics, Manufacturing, Refrigeration, Construction, and Electronics expressed their vivid thoughts on skill development. This panel discussion was moderated by Dr. Sheel talkumar Rawandale.

Thanks to PCET and Hon. Director Sir for unwavering support. Special thanks to **Indra Dhanush 2024** organiz-



सकाळ

'पीसीईटी'च्या १,०५५ विद्यार्थ्यांना मोठ्या पगाराच्या नोकऱ्या ट्रेनिंग अँड प्लेसमेंट विभागाचे योगदान : आणखी होणार नोकरीसाठीचे मेळावे

पिंपरी, ता. २७ : "पिंपरी-चिंचवड एज्युकेशन ट्रस्टच्या अभियांत्रिकीच्या विद्यार्थ्यांना ट्रेनिंग अँड प्लेसमेंट विभागाने मोठ्या पगाराच्या नोकरीची संधी मिळवून दिली आहे. अंतिम वर्षातील दौड हजारांपैकी एक हजार ५५ विद्यार्थ्यांना नोकरी मिळाली आहे. तर उर्वरित विद्यार्थ्यांसाठी पुढील सहा महिन्यांत अनेक नोकरी मेळावे आयोजित करण्याचे नियोजन आहे," अशी माहिती पीसीईटी सेंट्रल ट्रेनिंग अँड प्लेसमेंट सेलचे अधिष्ठाता डॉ. शितलकुमार खंदेकर यांनी दिली.

संस्थेच्या विद्यार्थ्यांना आयटी व कोअर मॅन्युफॅक्चरिंग कंपन्यांमध्ये नोकरी मिळाली आहे. त्यामध्ये अक्सिस १६८, कॅम्पेसिनी १०५, केसीआयटी १०२ यांच्यासह वेरिटास, बीएमसी, सहज सॉफ्टवेअर, एस्एपी, मॉसिडोज बॅंका, डसॉल्ट सिस्टिम्स, गोरीज, मिंडा, किलोस्कर आदींचा समावेश आहे. २४० विद्यार्थ्यांना सात लाखपेक्षा अधिक, ५६७ विद्यार्थ्यांना पाच ते सात लाख, १८१ विद्यार्थ्यांना साडेतीन ते पाच लाख आणि ६७ विद्यार्थ्यांना साडेतीन लाखपेक्षा कमी वार्षिक पगाराच्या नोकऱ्या मिळाल्या आहेत.

सर्व निवडप्राप्त विद्यार्थ्यांचे पीसीईटीचे अध्यक्ष ज्ञानेश्वर लंडगे, उपाध्यक्षा पद्मा भोसले, सचिव विठ्ठल काळभोर, खजिनदार शांताराम गराडे, विरवस्त व पोसीयुचे कुलपती हर्षवर्धन पाटील, उद्योजक नरेंद्र लंडगे, अजिंक्य काळभोर, कार्यकारी संचालक डॉ. गिरीश देसाई, प्राचार्य डॉ. गोविंद कुलकर्णी, डॉ. हरीश तिवारी, डॉ. विलास देवतरे, डॉ. अर्पणा पांडे आदींनी शुभेच्छा दिल्या. पीसीईटी सेंट्रल प्लेसमेंट सेलचे अधिष्ठाता डॉ. शितलकुमार खंदेकर, प्रा. संदीप विल्हार, प्रा. दीपक पवार, प्रा. कृष्णिका पांडे, प्रा. विजय टोपे, प्रा. होना शर्मा, प्रा. ऐश्वर्या पाटील, मंगेश काळभोर आदींनी ट्रेनिंग अँड प्लेसमेंटसाठी योगदान दिले.

निगडी : विविध कंपन्यांमध्ये रोजगार मिळालेल्या विद्यार्थ्यांसह 'पीसीईटी'चे शिक्षक.

Pune, PCMC-Today

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स्व.शंकररावजी (भाऊ) बाजीरावजी पाटील

यांच्या १०० व्या जयंती निमित्त विनम्र अभिवादन..!

(१५ फेब्रुवारी १९२४ - १३ सप्टेंबर २००६)

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The Indian Knowledge System (IKS) "Water Management in Ancient India" ..Dr. Kanchan Khare

Water management in ancient India was a sophisticated and integral part of society, reflecting a deep understanding of hydrology and the importance of conserving and managing water resources. The Harappan civilization, dating back to around 3000 BCE, is one of the earliest examples of advanced water management, with evidence of well-planned urban centers featuring elaborate drainage systems, reservoirs, and water harvesting techniques. The Vedic texts, such as the Rigveda and Atharvaveda, contain references to the water cycle, water quality, and hydraulic structures, indicating a comprehensive knowledge of water management practices. During the Mauryan Empire, large-scale water projects including dams, spillways, and canals were constructed, showcasing an understanding of water balance and the development of water pricing systems. This era is often referred to as the first "hydraulic civilization" of India. The Arthashastra, an ancient Indian treatise on statecraft, economic policy, and military strategy, also provides detailed accounts of water management, emphasizing the importance of building and maintaining water storage and distribution systems. It even prescribed penalties for obstructing or diverting watercourses, highlighting the significance of equitable water distribution. These ancient practices underscore the value placed on the water as a life-sustaining resource and the ingenuity with which ancient Indians approached its management. These practices offer sustainable solutions and can inspire modern water management strategies in several ways. The details about these water management practices will be addressed in the next few articles.



पीसीसीओईचा माजी विद्यार्थी शुभम भगवान थिटे याने यूपीएससी परीक्षेत यश मिळविलेले



जपानी सुविधा केंद्र, टोकियो फाउंडेशन आणि निप्पॉन फाउंडेशन यांच्या वतीने पुस्तकांची भेट pcme

पिंपरी चिंचवड / क्रांतीकुमार कडुलकर :

जपानला आधुनिक तंत्रज्ञाना बरोबरच कला, संस्कृती, धार्मिक इतिहास आहे. ज्या विद्यार्थ्यांना उच्च शिक्षणासाठी जपान मध्ये यायचे आहे त्यांना जपानी संस्कृती, भाषा अभ्यासाची संधी 'रिड जपान प्रोजेक्ट' या प्रकल्पामुळे मिळाली आहे. या संधीचा विद्यार्थ्यांनी फायदा घेतला पाहिजे असे, मत मुंबईतील जपानचे महावाणिज्य दूत यागी कोजी यांनी व्यक्त केले.

पिंपरी चिंचवड एज्युकेशन ट्रस्टच्या (PCET) निगडी येथील पिंपरी चिंचवड कॉलेज ऑफ इंजिनियरिंग (पीसीसीओई) येथे मंगळवारी (२८ मे) जपान सुविधा केंद्रांतर्गत टोकियो फाउंडेशन आणि धोरण संशोधन, निप्पॉन फाउंडेशन यांच्या वतीने दीडशे पुस्तक भेट देण्यात आली.

यावेळी टिळक महाराष्ट्र विद्यापीठाच्या जपानी भाषा विभागातील डॉ. हरी दामले, प्रोसीड टेक्नॉलॉजीच्या स्वाती भागवत, समीर लघाटे, फिडेल टेक्नॉलॉजीज, टोकियो, जपानच्या प्राची सुनील कुलकर्णी, सिमिटीस्यु फॅक्टरी ऑटोमेशन ग्रुप व्यवस्थापकीय संचालक हैदर आलम खान, भाषा अकादमी, पुणेचे दीपक पागे, पीसीईटीचे कार्यकारी संचालक डॉ. गिरीश देसाई, पीसीसीओईचे संचालक डॉ. गोविंद कुलकर्णी, उपसंचालक डॉ. नीलकंठ चोपडे, आंतरराष्ट्रीय संबंध विभागाच्या प्रमुख डॉ. रोशनी राजत, विविध विद्याशाखेचे अधिष्ठाता, प्राध्यापक उपस्थित होते. पीसीईटीच्या आंतरराष्ट्रीय

संबंध विभागाच्या वतीने हा कार्यक्रम आयोजित केला होता. जागतिक पातळीवर अग्रगण्य शैक्षणिक संस्था म्हणून पीसीईटीने नावलौकिक प्राप्त केला आहे. पीसीसीओई मध्ये विद्यार्थ्यांच्या सर्वांगीण विकासावर भर दिला जातो. विविध शैक्षणिक स्पर्धा, कला, सांस्कृतिक कार्यक्रमांमधून विद्यार्थी सहभागी होतात. पीसीईटीने आंतरराष्ट्रीय स्तरावर अनेक विद्यापीठे, संस्था यांच्या बरोबर शैक्षणिक सामंजस्य करार केले आहेत. विद्यार्थ्यांना जपानी संस्कृतीशी ओळख होण्यासाठी 'रिड जपान प्रोजेक्ट' उपयुक्त ठरेल, असे डॉ. गोविंद कुलकर्णी यांनी सांगितले.