



Our Patrons : Pimpri Chinchwad Education Trust

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Samvaad Editorial : Productivity Hacks: Do More in Less

Time is a limited asset, no one has more time than anyone else; It is not about having more time but about how much we get done in the available time that matters. It is about making time. We encounter a mix of endless tasks and distractions every day. We need suitable tactics that help us focus and narrow down on the most important and impactful tasks.

- 1. Forget the mental note; write it down:** Document everything. Keep a notepad/diary handy and make a note of everything that's worth remembering. The to-do list for the day, chores to be completed in the longer run, an idea that just flashes through, something good that we just heard or saw. All this information being safely tucked away, our brain saves a lot of energy which can be used for more cognitively demanding activities.



Dr. Sonali Patil
Professor &
Head, Department of Information
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- 2. Use the calendar profusely:** This habit helps us declutter our brain and become more effective at remembering the day-to-day chores that have to be accomplished. Put meetings, birthdays, and other important dates or schedules on Google/phone calendar. Not only will there be no slip in our work schedules, but we will also become popular with friends and family; after all, we will remember it all!
- 3. Make WhatsApp self-groups:** Create a group with yourself and some other friend. Thereafter, take the friend out of the group. Now the group only has you. Pin that group to the top of your chat list. We can create such a group for documents, images or forwards, anything that we would want to share with ourselves. This can also help us organize our own thoughts and ideas.

- 4. Start your day with a plan and end it with an audit:** We should set aside 10 to 15 minutes in the morning to plan out the day. A checklist will help us understand and prioritize what has to be accomplished. At night, just before going to bed, review the unfinished tasks and their plan of action. Once we get things off our mind, we are guaranteed a sound sleep and a head start for the next day.

- 5. Don't spread yourself too thin; delegate:** We must be aware of our bandwidth and limitations. Trying to handle everything on our own can leave us drained and frustrated. Sharing work with other experts and collaborators can improve the outcome of any task and also provide us the much-needed time for other high-priority activities. Delegation is an important leadership skill and a very important part of the productivity toolkit.

- 6. Schedule your distractions:** Modern-day distractions are in plenty - WhatsApp, Facebook, YouTube, Twitter, Instagram and what-not. We can limit the damage by fixing time slots for attending to distractions. We must be careful not to exceed the time limit we set for ourselves.

It is true that we only get 24 hours in a day and there is no way we can add more. However, we can be *smart* about the hours we do have. It is possible to stretch the hours in the day by embracing productivity hacks that work for us. Being mindful and motivated about maximizing our productivity is the key to making each second count.

*** Team Samvaad ***

Editor-in-Chief : Dr. Govind N. Kulkarni

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Guest Article: Leadership for Excellence

Yuvraj Singh, the man in form, was expected to come five down. Instead, Mahendra Singh Dhoni, who read the game very well, walked in. Scored a brilliant 91 of just 78 balls and India won the 2011 ICC World Cup. Similarly, during the successful ICC World Cup campaign in 1983, Kapil Dev, through his exemplary captaincy and extraordinary knock against Zimbabwe, showed, how leadership impacts the overall performance of the entire team.

Ever imagined what is common between these two captains? They lived the hypothesis that **'Leadership' is a function of 'leader, followers and situation'** throughout their respective campaigns. They displayed multiple leadership attributes like strategic thinking, decision making, future orientation, result focus, team building, communication, empathy, courage, ability to influence, ability to reflect, delegation and more. Over and above intrinsic motivation to lead and value system were fundamental to their leadership.

All the above-mentioned attributes are relevant irrespective of the play field; be it politics, administration, corporate, academics or any other field, leaders emerge riding on these qualities. No wonders, corporate leadership hunts are focused on identifying candidates who exhibit these attributes.

Value system has significant impact on leadership. Values and standards influence one's behavior significantly, which in turn creates perception.



Consequently, values drive one's perceived behavior. Although, there needs to be concurrence in organizational values and personal values, they need not be identical. Greater the alignment, higher will be the leader's credibility as perceived by organization.

Decisions play an important role organizational success. A leader's perceived credibility depends on his/her decision-making process. Ideally, decisions need not be unilateral, rather they should emerge from diverse views and consensus within stakeholders. There could be some who are still left out; however, empathy coupled with positive assertive communication can align them towards the cause. Indeed, it is important to keep aside plenty of time for effectively communicating decisions adequately.

Finally, as the leader grows, what matters is creation of long-term value by nurturing leaders for tomorrow. Mentoring motivated associates, providing a safety net to encourage initiative and reduce their fear of failure have long term impact on the associate's ability to lead. Remember "you are a leader only if you have created a leader who can create another leader".

Leaders intertwine leadership qualities based on situations and inspire their followers/associates to deliver overall excellence. In John C. Maxwell's words, "Leadership is not about titles, positions or flowcharts. It's about one life influencing another."

PERSISTENT Corner: Persistent Family

The pandemic of COVID-19 was a shock to all when it spread like wildfire and made a severe impact on the economy. Many companies were in chaos when it came and some are still reviving. Fortunately, the IT industry is one of the few which did not have to bear the punch of the pandemic as harsh as the other industries had to. Yet, there were companies that were laying off employees. Of course, even Persistent had to suffer some blows below the belt, but it did not fall. It stood strong and persevered. Not only that, Persistent did not fire a single employee in its tough times. Instead, the company adjusted its pay scale. This gesture itself shows that Persistent treats its employees like they are part of a big family.

Faculty Achievements

- Mrs. Gauri V. Phadtare Dr. P. A. Deshmukh received a project grant of Rs. 12,14,608/- for the project entitled "Utilization of Green-clean energy source for the development of a solar collector system for biomedical application" under the AICTE Quality Improvement Schemes, RPS (Research Promotion scheme)
- Professor Praful Ananda Shinkar received a fund of Rs. 5,00,625/- through the lab consultancy from PCMC for performing Road safety audit of PCMC roads.
- Dr. A K Gaikwad delivered a session on, "Dispatching Schedule Optimizer for RMC Plant" on 11th March 2022 in the 3 Days FDP on "Latest Trend of Research in Civil Engineering" organized by DIT, Pimpri, Pune
- Dr. Varsha K. Harpale delivered a session on "Bio-inspired computing : An electronics perspectives" in Three days International workshop on " Embedded System Design and biomedical interfaces" in collaboration with University of Malaya, Malaysia on 23rd March 2022
- Dr. Sonali Patil has delivered a session at International level on " Blockchain Overview" for UNI Charity USA, the topic of session were Blockchain technology power, DAO, NFTs and their application and blockchain uses in Philanthropy. UNI charity includes employees from reputed IT Companies like Google etc.
- Dr. Sonali Patil has delivered a session in One-week online Faculty Development Program (FDP) on "Current Research Trends in Computer Engineering" Organized By Dr. D. Y. Patil Institute of Technology, Pimpri, Pune, session delivered on 30th March 2022
- Dr. Rachana Patil delivered a session at ICTTF - International Cyber Threat Task Force organized by Cyber Security Women in Real Life on 8th March 2022
- Thesis entitled "Automated Framework for Detecting Unknown Activity in Vehicular Adhoc Network" by Atul B. Kathole has been accepted for the degree of Doctor of Philosophy (Ph. D.) under the Faculty of Engineering in the sub-stream of Computer Science Engineering by Sant Gadge Baba Amravati University, Amravati.

Students Achievements

Nupur Kulkarni (BE IT)	Received Medal Citation and Cash Prize Rs. 50,000/- under Shri. Pralhad Chhabria International Award by Hope Foundation , IEEE India Council and Women in Engineering Affinity Group IEEE Pune Section. This is an International award among all SAARC countries.
Esha Mohod, Akshay Munot and Sahil Hemnani (TE IT)	The team got the Runner -Up award in the Technical Idea Presentation Contest , IEEE Bombay Section Students Congress 2022. The team was mentored by Prof. Babita Jane.
Divya Rajput (TE IT) , Janhavi Wagh (TE IT), Hiral Rane (TE IT), Devika Nikam (SY IT)	The team, guided by Ms. Anuja Jadhav, received the Best Paper Award in International conference on Recent Trends in Machine Learning, IOT, Smart Cities & Applications.
Siddhesh Ballal (SY -IT), Samit Pathan (TE Comp), Sunny Dhadiwal (BE Comp), Aditya Yelegon	The team , guided by Dr. Sonali Patil won the Jetking Near Hackathon 2022 and received 10 % JETKING Scholarship
Team Dravya—Vishal Sonawane Sejal Baser , Chaitanya Dani , Prajwal Dhote	The team Dravya of Mechanical Department, guided by Dr. A Roy received Abhinavi Woman Entrepreneur award in KPIT SPARKLE 2022 grand finale.
Sayali Pawar (SY-Comp) and Himanshu Patil (SY-Mech)	The team won first prize for Rolling Story Art for the Play 'Sambhram Nirantar' in Firodiya Karandak 2022 . The team also secured a top-20 finish and eligible for Direct Entry in Primary round.
Saptashwa Saptashwa Tanaya (TE E&TC)	Saptashwa represented SPPU Mallakhamb & Rope Mallakhamb and secured Silver Medal in All India Inter University Competition .

PCCoE Technical Feat

1. Dr. Sheetal U Bhandari, H.S. Kumbhar, Dr. V. K Harpale and Ms. T. D. Dhamale published a book chapter entitled 'On the Evaluation and Implementation of LSTM Model for Speech Emotion Recognition Using MFCC' in Scopus-indexed Lecture Notes on Data Engineering and Communications Technologies by Springer, 2022. ISBN:978-981-16-7181-4 .
2. Dr. Amol Dhumane, Dr. Srinivas Ambala, and Shwetambari Chiwhane presented a paper entitled 'Cluster Based Energy Efficient Routing in Internet of Things in the 6th International Conference on Information and Communication Technology for Intelligent System. The paper will be published in the proceedings of the conference by Springer with the ISSN: 2190-3018
3. Ms. Swati Jaiswal, Dr. Roshani Raut, Ms. Anuja Jadhav, Dr. Atul Kathole, Dr. Sonali Patil presented a paper entitled "Intelligent Information System for Detection of COVID-19 based on AI" in the International conference on Recent Trends in Machine Learning, IOT, Smart Cities & Applications. The paper will be published in the proceedings of the conference by Springer with the ISBN: 978-981-16-6406-9
4. Mr. P.V.Sontakke, Mrs.S.I.Shirke, Mrs. S.S.Patil, Mr. Tushar Balu Aher, Mr. Kaushal Kishor Kulkarni, and Ms. Akshta Jotiram Doke registered a Copyright on "Low-Cost Fully Automatic Cup Dhoop Making Machine" with the registration number L-109867/2021
5. Special Interest Group—Biomedical Applications and Soft Computing of Computer Engineering Department organized an workshop on 'Introduction to GIT' on 26th March, 2022. The workshop was conducted by PCCoE alumni Ruchira Gaikwad, Jovian Anthony, Siddharth Raut, Shreyas Gaikwad , who are working in Persistent Systems, Pune.
6. Dr Roshani Raut registered a copyright entitled "Mathematical model for credit card fraud detection system." with the registration number L-112749/2022 on 7th March
7. Dr Roshani Raut registered a copyright entitled "Development of Goal Driven global software management risk mitigation technique" with the registration number L-112749/2022 on 7th March
8. Mrs. Rohini Pise, and Dr. Sonali Patil registered a copyright entitled "A Formal Verification Framework for Security Enhancement In Blockchain Smart Contracts." with the registration number L-113258/2022 on 22nd March
9. Mr.Sachin Jadhav got the Australian Patent granted on 'Crowd Detection Intelligent Camera to Prevent Covid-19 or any Other Need' on 16th March
10. Dr. Sonali Patil, Dr. Roshani Raut, Pallavi Dhade, Dr. Atul Kathole and Kapil Vhatkar published a paper entitled "Robust Authentication System with Privacy preservation of Biometrics" in SCIE-indexed journal *Security and Communication Networks* published by Wiley and Hindawi.
11. Dr. Sonali Patil, Dr. Roshani Raut, Ms. Chaitrali Sorte, and Ms. Gauri Jha published a Scopus-indexed book chapter entitled "Accelerating Polynomial Based Image Secret Sharing Using Hadoop" in Scopus Indexed Springer book *Emerging Converging Technologies and Biomedical Systems*
12. Mr.Sopan Aghav delivered a session on "Entrepreneurship" organized by RJSPM's Arts, Commerce and Science College, Bhosari, Pune during One day state level webinar for Faculties, Academicians and students from different colleges of Maharashtra on 19th March 2022
13. PCCOE's - Funding Proposal Team organized an expert session on "Insights of Research Proposal Writing For Core Research Grant (CRG) Scheme*" on 11th March in online mode. The speaker was Dr. Neelima Mishra, Scientist G, SERB.
14. Dr. D. S. Lal, Dr. Rajesh Phursule, and Mr. Manish Narkhede got a fund of 7.22 Laks sanctioned by Dassault Systèmes La Foundation for the project 'Development of Optimization of 3D Concrete Printer with Digital Twinning Operation from Mixing to Printing'
15. Dr.Sonali D.Patil, and Dr.Atul B.Kathole got a fund of 5.60 lack sanctioned by Ajay BioTech Pvt Ltd for the project 'IoT enabled Recommendation of Suitable Pesticides in Agriculture based on Smart Drone'
16. Dr. Sandip T. Mali, Mr. Tanmay S. Khambekar, Ms. Anushree A. Chandragade published a book 'Solid Waste Management' in March 2022. ISBN-935451581-9
17. Dr Roshani Raut worked as a lead editor for publishing a book entitled 'Machine Vision for industry 4.0 Applications and case studies', Edited Book by CRC Taylor and Francis, USA.
18. Mrs. Rita Pimpalkar Completed course on "Introduction to Python" organized by Analytics Vidhya



The Department of Civil Engineering and Information Technology has successfully completed the **National Board of Accreditation Visit** on 25th , 26th and 27th March , 2022.



PCCoE's -Entrepreneurship Development Cell successfully organized the two days Mentor Development Programme (MDP) sponsored by Bharatiya Yuva Shakti Trust on 3rd and 4th March 2022. The speaker was Ms. Juhi Bose, Mentor - BYST. PCCoE faculty Mr. Sopan Aghav was the coordinator of the MDP.



Letter of Cooperation (LOC) was executed between Bharatiya Yuva Shakti Trust (BYST) and Pimpri Chinchwad College of Engineering (PCCoE) on Thursday, 03/03/2022 to facilitate collaborative activities in the area of Entrepreneurship Development specially Mentor Training, Handholding support to Aspiring Entrepreneurs, Networking platform and Incubation support. Dr. Govind Kulkarni, Director-PCCoE and Ms. Juhi Bose, Member-National Mentor Panel signed the LoC.

Our Students Our Pride

Pimpri Chinchwad College of Engineering
Department of Mechanical Engineering

NIKHIL SOMWASHI AIR - 155 GATE SCORE - 70.67
 PRATHMESH PAWAR AIR - 182 GATE SCORE - 70.07
 ROHAN SAWANT AIR - 2388 GATE SCORE - 51.56
 ANIMESH WANI AIR - 2464 GATE SCORE - 51.21

Congratulation
We all proud of you

Congratulations

RUNNER-UP IN SHRI. PPC INTERNATIONAL AWARD 2022 AMONG ALL THE SAARC COUNTRIES

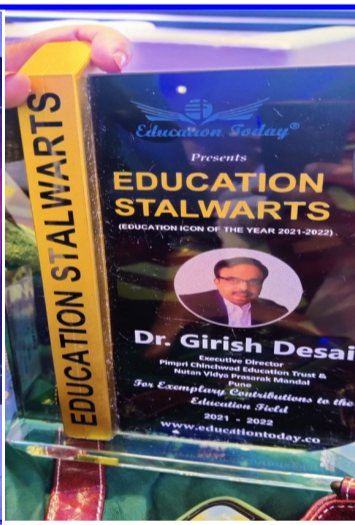
Ms. Nupur Kulkarni
BE IT
Prize: ₹ 50,000/-, a Medal and a Citation

Saptashwa Tanaya (TE E&TC) represented SPPU Mallakhamb & Rope Mallakhamb and secured *Silver Medal* in All India Inter University Competition & qualify for Khelo India Sports Games

Five students received the Cybage scholarship for the first time in PCCoE. Many congratulations to all students SDW team and specially Dr. J. Kulkarni, SDO.

PCCoE Expressions

After successful organization of KPIT Sparkle-2018, KPIT Sparkle 2019 and KPIT Sparkle 2020 at our Campus, KPIT Sparkle 2022 Grand finale conducted by KPIT Technologies in association with PCCOE as an Academic Partner on 26th March 2022 at PCCOE Campus. Also, on the sideline of Grand Finale various events like Expert sessions, Panel Discussions etc. were conducted in online and offline mode from 22nd March 2022 to 26th March 2022. KPIT Sparkle is an innovation platforms that support young innovators to develop indigenous solutions to real-world challenges in the energy and mobility sector. The platform provides supports for the entrepreneurs and connects them with incubators in the ecosystem to transform their ideas into viable products. It also encourages and facilitates students to secure intellectual property rights for their solutions. The competition received more than 1,300 ideas from over 15,000 students from more than 800 colleges in India. The top 24 teams presented working prototypes of their solutions at the grand finale held on March 26, 2022 at the Pimpri Chinchwad College of Engineering (PCCOE), Pune. Mrs. Lila Poonawalla, Chairperson, Lila Poonawalla Foundation was present for the Closing Ceremony as Chief Guest and Dr. Abhay Jere, Chief Innovation Office (CIO) Ministry of Education, Govt. of India as a Special Invitee. Padma Vibhushan Dr. R. A. Mashelkar was present for the closing ceremony in virtual mode, on Saturday, 26th March 2022. The Jury panel consist of veterans from Academia and Industry evaluated total 24 prototypes demonstrated by finalist teams. **Team Dravya** from Pimpri Chinchwad College of Engineering, Pune won the Abhinavi2 Award and a cash prize of Rs 100,000 for designing a battery cooling system that uses dielectric fluid to reduce battery temperature instead of forced air cooling and indirect liquid cooling. Students and Faculty members of our institute visited the demonstration area and enjoyed the technical treat floated through the KPIT Sparkle 2022. The event was coordinated by Prof. Rahul Patil, Computer Engg. and Prof. G. B. Sambare under the guidance of Dr. G. N. Kulkarni, Director PCCOE and Dr. N. B. Chopade, Dy. Director PCCOE.



Hearty Congratulations to Dr. Girish Desai - Executive Director, PCET & Nutan group on your Achievement. We are happy to announce that Dr. Girish Desai has been awarded with *"THE EDUCATION ICON OF THE YEAR 2021". Dr. Desai has been honoured for his exemplary contribution, sincerity, dedication & hard work in the field of education. We at PCET & Nutan group are very fortunate to have such visionary leadership. Once again heartfelt

PCCoE Announcements

6th International Conference on Computing Communication Control and Automation (IC3UBEA- 2022)
26th and 27th August 2022
<https://ic3ubea.pccoeppune.org/>

IEEE Reference Link for Conference : https://conferences.ieee.org/conferences_events/conferences/conference.cfm?confId=5992

Organized by Pimpri Chinchwad Education Trust's, Pimpri Chinchwad College of Engineering, Pune, India. Technically Co-sponsored By IEEE Pune Section

Supported by SAE Electronics Western Forum, PCCOE ACM Chapter, IETE Pune, SPPU Pune

CALL FOR PAPERS

We invite papers from Academicians, PhD Research Scholars, Researchers from Industry and UG/PG students to submit original and unpublished work in all areas of Computer, IT and Electronics and Telecommunication. The conference theme is as given below but not limited to the conference tracks mentioned :-

Signal and Image Processing	High-Performance Computing
Robotics, Control and Automation	Internet of Things and Computer Networks
Communication Technologies	Image Processing and Computer Vision
Energy and Power Electronics	Data Science and Big data Analytics
VLSI & Embedded Systems	Cognitive Computing and Machine Learning
Electronics for Societal Applications	Information, Cyber and Network Security
Thematics in Engineering	Computer Applications and Business Management
Mathematical Modelling and simulation	

IMPORTANT DATES

Paper Submission Starts	11 th January 2022
Last date for Paper Submission	26 th February 2022
Extension of acceptance	26 th March 2022
Camera ready Paper Submission & Early Bird Registration	31 st May 2022
Conference Dates	26 th to 27 th August 2022

Paper Submission Link: https://www2.research.att.com/~larryj/submit_index22/

FINAL ANNOUNCEMENT AND CALL FOR PAPERS
International Conference on Innovations in Mechanical and Civil Engineering
(26th and 27th August 2022)
Jointly Organized by Department of Mechanical Engineering and Department of Civil Engineering, Pimpri Chinchwad College of Engineering, Pune (INDIA) **i-MACE**

Conference Topics

M1 Modelling, Simulation & Optimization Techniques M2 Materials Science and Engineering M3 Biomedical Engineering & Technology M4 Thermal and Fluid Engineering M5 Alternative and Renewable Energy M6 Advanced Manufacturing M7 Design Engineering and Mechanics	M8 Industrial Engineering M9 Mobility, Inter-Disciplinary and Other Emerging Topics C1 Water Resources and Environmental Engineering C2 Construction Management C3 Structural Engineering C4 Geotechnical and Transportation Engineering C5 Automation & soft Computing
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All accepted papers will be published in SCOPUS indexed Conference Proceedings and Journals

Important Dates

- Submission of Abstract and notification of acceptance extended till 31st March 2022
- Submission of Full Length Paper extended till 30th April 2022 (on CMT)
- Notification of acceptance of Paper extended till 30th May 2022

Contact

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