



Our Patrons : Pimpri Chinchwad Education Trust

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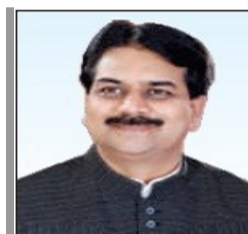
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Samvaad Editorial : Collaborative Learning to Strengthen Outcomes

Collaborative learning is a strategy used within special interest groups of learners & aims to improve their learning experience. This type of learning strategy uses small special interest group tasks & activities as a learning experience. Each member is responsible for learning new information & skills, & at the same time, assisting teammates in learning. Collaborative learning is divided into three types:

- 1. Formal Collaborative Learning :** It involves the assignment of tasks & projects to a team by an employer. The team members have a clear structure of what is to be done & stay together until the project is complete. It can range from a few hours to several weeks.
- 2. Informal Collaborative Learning :** This type of learning involves quickly forming teams for short periods to complete a small task at hand. They require no prior planning & have very little structure. They can help bring closure to a day's work or a small project.
- 3. Group-Based Learning:** It is the most common type of Collaborative learning implemented in organizations. It involves long-term special interest groups that can last up to a year or more with members giving each other support, encouragement, & assistance.

Purpose & Key Elements of Collaborative Learning

The some of the primary purposes of implementing Collaborative learning culture in an organization are Development & acquisition of necessary life skills, Sharing of information, Building a team that cooperates, Increases tolerance & acceptance of diversity, Improving output by employees. Five fundamental elements distinguish Collaborative learning from other forms of group learning. When all these elements are present in a learning situation, the result is a Collaborative learning group

- 1. Positive interdependence:** A group achieves this element when all members of a team understand that they sink or swim together. There are various ways in which you can achieve positive interdependence: Division of labor, Sharing materials, Allocating leadership roles, You should also ensure that each member's part determines the performance of the entire team. The contribution of a member not only benefits the individual but also all the members of the group

- 2. Individual & group accountability:** Each team member is accountable for a fair share amount of work towards achieving the group goal. There is an assessment of every individual performance, & the group receives feedback. The group also is accountable for achieving the targets set by an organization.

- 3. Interpersonal & small group skills:** In a team working to achieve a specific goal, there are complex but necessary skills all team members need to produce. Some of these are: Decision-making, Conflict management, Leadership qualities, Responsibility, Effective communication, Trust building, as a team continues to develop these skills, processes between them become smoother & more efficient.

- 4. Face-to-face interaction:** Face to face is an intermediate way of learning. It reduces the distance or ranks in an organization between team members as they come together to promote one another through support, encouragement, and helping out each other. There is a need for each member to communicate freely & express concerns as well as compliment achievements

- 5. Group processing:** Team members should regularly meet & discuss how much progress they are making towards goal also discuss to maintain effective working relationships.

It also helps members make decisions on issues that need an opinion from a team player.

Collaborative Learning Strategies

If you are trying to use the same Collaborative learning strategies repeatedly with no results, try some of these with clear examples of how you can implement them:

- 1. Forced debate:** This strategy works by having two parties go head-to-head in a debate. The members form two groups with one opposing & the other one supporting the proposition. The groups get to apply & enhance critical thinking skills, talking speed, fluency, language, & clarity. The members are forced to think about the proposition as a group rather than an individual. The proposition can be a current challenge or a new idea.

- 2. Write around:** This strategy involves groups discussing a topic that each member has had access to, maybe through watching a video, listening to a speaker during a meeting. All members participate where a paper with the topic written on it goes around to everyone in the group. Each member gets some time to write a comment before passing on the paper. This process is repeated so that every member gets to read what the other writes. The points indicated by the members are then discussed among the group. This strategy mainly focuses on topics or issues that can be solved through multiple solutions.

- 3. Build a Collaborative community:** An organization should provide many opportunities for groups to teach & learn from. A Collaborative community creates an environment that enhances working together to solve problems. Group members are interested in platforms that see their ideas listened to in open communication. A Collaborative community helps in networking, training, etc.

- 4. Solve problems across groups :** Having a Collaborative community enables you to bring a few groups together & provide them with a problem to solve. You can get a few groups & give each a challenge as to what changes are best for an existing project. Each group comes up with suggestions for the most suitable solutions

in maybe a few days or a week. They provide just reasons for their choices & a plan to implement them.

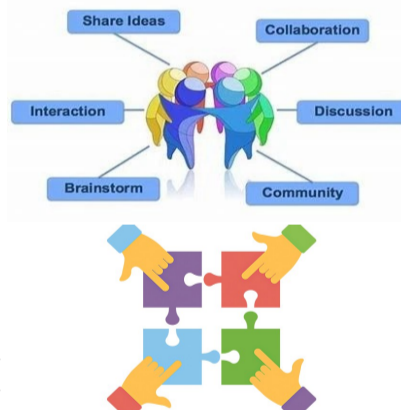
- 5. Share concepts between groups :** Every group contain members having specialized expertise & experiences. Moreover, the different groups can also share some of their concepts, ideas, & best practices with other groups; so others can adopt different methods that are already working. It enables the groups to understand the expertise of each other & work Collaboratively.

Benefits of Collaborative Learning

Collaborative learning has a massive positive impact on employees and their working environment. It enhances productivity and improves employee knowledge.

Below are the benefits of Collaborative learning to Special Interest Group members:

1. Gaining leadership and decision-making skill,
2. Acquiring conflict management skills
3. Increases employee work engagement,
4. Enhancing communication skills,
5. Personal responsibility
6. Gaining confidence and 7. Positive attitude towards colleagues



Dr. Sudeep D. Thepade
Dean QA and Professor Comp Engg. Comp.

*** Team Samvaad ***

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Samvaad :Guest Column - Actual Line of Control — “India Calling”

Four stories and line that you stand on...

1. Empty Road in the middle of city, which otherwise is traffic busy everyday starting 7 o'clock in the morning till 12 o'clock in the midnight. In the wee hours of early morning you find it 100% empty not a soul in sight & still the signal shows red & you are at the crossingwhat will you be doing? Of course the rule says you should be stopping for signal to get green, but given a situation..... **what will you be doing?**

Man in his fifties riding Bajaj Chetak stops at such signal at 5 o'clock in the morning, he is just another regular man typical Indian middle class man in his fifties is waiting for signal to turn into green at Panjim the capital of Goa state. At the same time, open jeep honks at him & tell him to make a way even if it is red signal. Jeep is carrying four young boys trying to break the signal. The man in his 50's still waiting and then, the boy on the driving seat of jeep shouts back at the man boasting that his father is a DGP police Goa state. Man calmly tells the boy to tell his DGP father that you meet chief minister of Goa at signal at 5 am today this is none other than **late Manohar Parrikar chief minister of Goa** known for his abidance of duty & responsibility standing in a queue for buffet lunch at Mantralaya even when he was defence minister for centre. He breath his last few years back & his photos attending the Mantralaya sessions or supervising the works of bridge construction going on at Panjim wearing his oxygen mask will always remain in my memory as a mark of duty first or call it **Karma yoga as per Bhagwatgeeta..**

2. You are young 29 yrs. officer of an Indian army with an infant daughter and a young wife with aged parents. You are best performing gentleman, cadet & officer throughout academic years & now serving in aviation wing of Indian army. You face a situation where you take off from Nashik flying base. Suddenly you realise, the engine of the chopper is damaged soon after you have reached some height & you are flying over the city full of civilians. The situation of the chopper is such that it can crash anytime and whatever efforts you put in. The only question is how far you can take the chopper away from civilian & cantonment area. If the chopper falls on civil line area there would be deaths of many innocent civilians & half of Nashik city would be blown off. There are few seconds for you to decide the next course of events where you can decide to save your life by jumping off the chopper to survive yourself but letting the chopper fall on any of the parts of city killing people below, **you are standing on a line of duty & temptation**you chose duty & decide to take the chopper as far as possible from civilian & cantonment area & crashing down along with the chopper ending your life. In the line of duty for nation & greater good you are **major Atul Garje** died at the age of 29 serving in the line of duty... even if you would have served the line of temptation blamed it on the engine failure & jumped out of the chopper you would have been alive & kicking at 39 years of age as on the date when I am writing this article.....

3. It's not required that commanding officer should be leading from the front he or she can be making strategic decisions sitting in his camp that are to be executed on the battlefield. A commanding officer having laid more than 20 successful operations against militants in most terrorised area of Jammu & Kashmir, he was on the hit list of terrorists not only for his missions against militants but also for his social cause that he used to ignite the minds of young Kashmiri youth channelize their energies towards horticulture & agriculture & avoid their empty minds being used by terrorist groups to make them terrorist. He had become the hero of local youth & that it was a danger & tipping point for militants & terrorist, **Colonel Santosh Mahadik's** war on terrorism through making social change was a grave danger for terrorist outfits. In one of the operations where Colonel Mahadik was leading from the front he was shot dead in an ambush by militant group nation lost a great officer again in the line of duty which Colonel Mahadik decided even he could have stayed back & laid the mission in strategic manner. I have nostalgic memories of all the three great personalities mentioned above Atul Garje was a course mate & dear friend Colonel Mahadik was a senior in Sainik school Satara. I have touched on shoulders with Colonel Mahadik while playing football. He was guide to me & though, he is no more in this world now but remains



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Guide to me on principles of line of duty. I had conversation with great leader Manohar Parrikar when I was doing his duty of providing network solutions in Goa during BRICS summit in year 2016. The feeling of having been associated with such great people who have given a different meaning to phrase in the line of duty of my achievements, failures are always been guided by such great souls' attitudes. The realisation that line of control is not the physical line but it is the line that you draw in your mind when the situation needs you to take decision & such decisions while taken have further consequences for which you are responsible you have to be responsible.

4. **Lance Naik Rajput** from Bhusawal died not from the bullets of enemy firing but in want of serving his duty to nation. The Kargil war was declared in 1999. Lance Naik Rajput was on leave at his native near Bhusawal in Maharashtra, he has been summoned by army to cancel his leave & reach back to his base. He obliged to do that but just before joining the duty he has to admit his ailing parents to the hospital in Dhule city. He decided to take them in a private vehicle. He has been stopped by few of the traffic police, they demanded Lance Naik to show his warrant to join the war & he requested the local traffic cops to allow him to let go but they

indented to make a few fast bucks. Traffic Cops didn't understand the importance of Lance Naik Rajput's request, his blood boiled with the thought that are these people for home I am rushing to the border are these people for whom I am supposed to fight the war??? The confrontation between Rajput & local cops lead to arrest of Rajput. Next day when the magistrate heard the case, he released Rajput & ask him to join his duty, but having frustrated with the entire episode & not being able to join the duty at the earliest Lance Naik Rajput decided to end his life & found dead at his native village, consuming the poison. The episode is chilling but the question remains where is the line of duty was it the duty that Lance Naik Rajput to serve at the border or was it the duty of a traffic cop which otherwise would ignore when local influential guy breaking the signal but showing over enthusiasm to stop Soldier from going on his duty.

In another event, line-man from Indian railways was absconding from his duty after consuming alcohol during hours of duty. this mistake of him lead into head on collision between two trains coming from opposite direction near Ghaisas station in Assam killing 450 man sitting in the railway. Statistics says entire Martyrs & soldiers that we lost in Kargil war, which lasted over three months is around 364, & here one mistake of lineman killed 450 people out of which 400 were Indian soldiers on their way to join their duty in Eastern part of India borders... this too is chilling & frustrating.... where lies the line of duty?!

Every citizen's line of actual control is when you don't cross the line standing on a signal because if we believe in the butterfly effect which means a butterfly flapping its wings in the forest of Amazon can create a tornado in bay of Bengal that has to be believed. So line of control is keeping control on yourself & your duties will add to positive butterfly effect this also means in the bigger picture **your act matters you matter** ... doing your duty in a most dutiful & responsible way is itself a line of actual control it is right below the foot that you are right now standing or sitting let's all of us do our line of actual control or do the service in the line of duty.

Before summing, a small thought, Kargil war fought between June to August '99 was clear win of India over Pakistan but the main turning point of the war was the information that a 12 yrs boy gave to Indian army officers when he was taking is sheep herd for grazing he saw some Pathani dressed people with ammunition walking towards the point. Without fearing about his life he ran to the cantonment & shared this information with the local officers about happenings at Kargil. This initiated the action & India won over Pakistan, but if the boy would have kept that information to himself, & would have not done his duty a situation would have been more grievous.... Young minds need to be vigilant about their duties let there be no mistake to recognise where is line of actual control & what act you need to do in the line of duty...

All the management principles in the world are derived from the military strategies so anyone reading this stories should not think that's such situation of line of duty will not arise in your personal or professional lifes...

Samvaad Scientific Break Through: Be a Part of Indian Quantum Workforce

Quantum computing is a fundamentally interdisciplinary field. For its sustainable development, there is need of collective & dedicated efforts from computer science, information science, quantum physics & off course the most importantly materials science as it will play key role in building the quantum computer hardware. Although there is long run to go, current speed of development in terms of hardware, computing approaches & algorithms for quantum error correction forecasts the possibility of quantum computers in near future.

Materials science is developing rapidly & with advances in materials synthesis & characterization, one can access different properties of materials. Utilizing these current advances in materials science, nanofabrication technologies & low temperature experimentations, scientists have come up with novel approaches in developing quantum computing hardware viz. superconducting qubits, gate defined quantum dots, Colour centers in diamond, Ion traps, Majorana zero modes. It has been already proved that utilizing one of these five platforms one can build the workable quantum computer but has limitations. On 16th April 2021, Leon et al published a review article in *Science* i.e. *Leon et al Science 372, 253 (2021)*, which sheds a light on the current materials challenges & opportunities to develop realistic quantum computing hardware.

Quantum computers developed till date are at small scale using qubits but are suffering from decoherence & errors due to variety of factors involving steps in fabrication processes & materials used. It is also crucial to understand the role of surfaces & interfaces & especially surface passivation in improving the quality of superconducting qubits. This can be achieved by developing methods for correlating qubit measurements with direct materials characterization & measurements. Further, one needs to develop materials to improve the existing platforms or look for new platforms. Again it requires the novel



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materials suitable for quantum information processing. Another concern is issues arising while transforming technology from small scale to large scale.

It has been realized that materials suitable for single qubits may pose different problems on scaling to large systems. Thus current skills & processing technologies in semiconductor industry may be utilized to solve the issues in quantum information processing (QIP) platforms. Off course, these advances need advanced technologies & skills to be developed. Quantum systems are susceptible to errors which has also opened new doors for researchers to work in Quantum error correction. Using quantum error codes one can spread information of single qubit over a large system & possibility of losing information due to decoherence is reduced. For quantum systems, it is necessary to detect this error & to take a corrective step. This error detection uses slow classical computation step. Recently, Jeffrey Gertler & co-workers [*Nature 590, 243–248 (2021)*], developed quantum system that can autonomously detect errors & corrects itself, thereby developing “Self correcting qubits”.

Though already this method has been reported theoretically in literature, Gertler & co-workers demonstrated it & is the first realization of circuit of this kind Since the field is growing fast to cope up with the global developments; in 2020 Government of India has announced a budget outlay of Rs. 8000 crore over the next five years for national mission on Quantum technologies & its applications. Under this mission government is looking forward to achieve development in field of quantum computers & computing, quantum communication, quantum key distribution, encryption, crypt analysis, quantum devices, quantum sensing, quantum materials, quantum clock & so on. Hence, there is an opportunity for researchers from materials science & engineering to gain skills & to be a part of Indian quantum workforce.

PCCoE Achievements: PCCoE hosted Toy Hackathon Grand Finale : Digital Edition 22nd to 24th June 2021

Implements & Tools, & Knowledge about India. PCCoE nodal centre very nicely coordinated the entire event enabling both participants to showcase Pimpri Chinchwad College of Engineering, Pune has been selected by MIC/AICTE for hosting Toycathon 2021 Gr&Finale, an event conducted by Govt. of India to promote indigenous toy industry. Stressing upon PM Modi's 'Vocal for Local' in Toy Industry, Ministry of Education mooted the idea of multi-track nationwide inter-ministerial toycathon. The Toycathon 2021 is being organised jointly by Ministry of Education in coordination with five other Ministries viz: Ministry of Women & Child Development (MWCD), Ministry of Information & Broadcasting, Ministry of Commerce & Industry, Ministry of Small & Medium Enterprises, & Ministry of Textiles. Ministry of Education's Innovation Cell at All India Council for Technical Education is acting as nodal agency for organizing Toycathon 2021.

Around **14130 teams have submitted 17770** different ideas on innovative toys based on themes like Education, Indian History, Culture & Moral values, Social



ideas & evaluator-mentors guiding them smoothly without any communication issues arising due to technical glitches. PCCoE nodal centre was very supportive & the entire process & event coordination were smooth. Total 9 Teams participated at PCCoE Nodal Center for Digital Edition out of which 3 Selected as a National Winner. Summing up all the above points Toycathon-2021 was a fruitful experience despite the current situation of pandemic &. Our Honorable PM Modi interacted with participants of Toycathon 2021 on 24th June 2021 & urged all participants for Atma Nirbhar Bharat Initiative. For Inauguration Function Chief Guest was Mr.R.Venkateswaran (Chief Information Officer at Persistent Systems) - & Guest of Honour Dr. Govind Kulkarni (Director, PCCoE), for Valedictory Function Chief Guest was Mr.Hemant Gadgil (Executive Director of La Fondation Dassault Systems-India & Guest of Honour Dr. Sashi Bhushan Singh (Ex-Director, DRDO) guided all participants. Dr.S.S.Lakade SPOC - Toycathon 2021 Coordinated overall event along with Prof. Rahul Pitale, Prof. Ashwini Shinde, Prof. Meera Thorat & Team of Student Volunteers

Faculty Achievements

1. Dr Roshani Raut, Ms. Anuja Jadhav, Dr Sonali Patil, Ms. Swati Jadhav, Ms. Meera Thorat got a Australian patent granted. Application No. 2021102390 on A smart slate for Online classes.
2. International Research Symposium jointly organized by International Relations Cell of PCCoE and Can Tho University, Vietnam with IET from 28th to 30th June 2021. Convener(s): Dr. G.N. Kulkarni and Dr. Nguyen Van Cuong, Dean of College of Engineering (CoET), CTU Vietnam **Co-Conveners(s):** Dr. A.D.Thakare, Dr. N.B. Chopade
3. PCCoE Research Center has Organized IETE Approved Two Week STTP on "Research Methodology and Optimization Techniques" from 7 to 18 June 2021 in online mode by Faculty Co-ordinators : Dr. K. S. Kinage, Dr. Sudeep D. Thepade, Dr. N. R. Deore with motto Research is to see what everybody else has seen, and to think what nobody else has thought.
4. Online Symposium on National Education Policy (NEP) - 2020 was conducted for Sr. Academicians, Faculty Members, Educationists, Research Scholars, UG/PG Students on 8th June 2021. Faculty coordinators : Dr N.B.Chopade , Dr. Sudeep D. Thepade, Coordinators : Mr. Ketan Desale, Mr. Dinesh Kute, Mr.Sachin Jadhav
5. Dr.N.B.Chopade delivered expert session on "NEP Highlights: School Education,"08/06/2021 at Pimpri Chinchwad College of Engineering
6. Dr.N.B.Chopade Invited for Board of Studies meeting on curriculum & course design. Dept. of E&C Engineering, Bharati Vidyapeeth CoE, Pune on 11/06/2021
7. Dr.N.B.Chopade Session Chair in "Conference for M E students ePGPEX-2021" organized by Board of Studies Electronics & Telecommunication Engineering in association with Amrutvahini College of Engineering, Sangamner, in VLSI & Embedded System Track at Sinhgad College of Engineering, Vadgaon bk , Pune on 18/06/2021
8. Dr.N.B.Chopade got copyright on Design of a robust 2 x 2 Multi input Multi Output Antenna based on Co-operative diversity Registration number L-104261/2021 date 08/06/2021
9. Dr.Varsha Bendre worked as evaluator for Toycathon-2021 Finale held during 22nd to 24th June 2021
10. Dr. S. T. Mali Delivered session in Webinar organized by Dnyanshree Institute of Engineering & Technology, Department of Civil Engineering on 17th June 2021 "Performance Evaluation of Fluidized Media Bioreactor & Membrane Bioreactor & Bioreactor for Wastewater Treatment Plants"
11. Dr. S. T. Mali Delivered session in STTP Research Methodology & Optimization Techniques, organized by PCCoE 7th to 18th June 2021 "Sensitivity Analysis: A Case study"
12. K H Gupta, A K Gaikwad got a Copyright: SW-14638/2021, dated 15/06/2021 on Computer Software work in Genetic Algorithm based Optimization tool for optimizing operation of RMC with multi plant multi site operation, in MATLAB language
13. Dr.Rajani.P.K & Ms. Anagha Chaudhari , Mr. Anand Kannan, Avas Digitech International Private Limited have submitted a proposal titled" Fraud Detection & Prevention by Face Recognition with & without Mask in Banking Applications" for a "Scheme for Research Fellowship in Banking Technology: 2021", Joint initiative of IIBF & IDRBT for an amount of Rs.5,00,000 on 24/6/21.
14. Mrs. Chaitrali Sorte & Ms. Anuja Jadhav have submitted a proposal titled" Loan Risk Prediction Using Transaction Information" for a "Scheme for Research Fellowship in Banking Technology: 2021", Joint initiative of IIBF & IDRBT for an amount of Rs.5,00,000 on 30/6/21
15. Dr. Anuradha Thakare & Mrs. Dipti Nikumbh, Research Scholar have submitted a proposal titled" An automated System for Detecting Misleading Information related to Banking & Finance Sector on Social Media using Artificial Intelligence" for a "Scheme for Research Fellowship in Banking Technology: 2021", Joint initiative of IIBF & IDRBT for an amount of Rs.5,00,000 on 30/6/21.
16. Dr Roshani Raut delivered an invited expert session on "Machine Learning for 5G Technology " on 22/6/ 2021 at AICTE Training & Learning (ATAL) Academy On-Line Faculty Development Program (FDP) on IoT in 5 G Technology (Advanced) Organized by Silicon Institute of Technology , Bhubaneswar, Orissa, assoc. with AICTE & ATAL.
17. Dr. Sonali Patil, delivered an invited talk on "Seed Certification Using Blockchain" on 28th June 2021 at International Research Symposium jointly organized by Pimpri Chinchwad College of Engineering Pune, India & Can Tho University (CTU), Vietnam.
18. Dr. Sonali Patil, delivered an invited talk on "Cyber Crimes & Cyber Security" on 18/6/2021 at National Level Webinar at Shri Kumarswami Mahavidyalaya, Ausa, Latur.
19. Dr Roshani Raut delivered an invited talk on "IPR Components & Indian Patent Filing Procedure " on 15 June 2021 at One Week Faculty Development Program on "IPR & Research Paper Writing" ZIT , Rashtrasant Tukdoji Maharaj Nagpur University.
20. S. R. Vispute worked as Book chapter Manuscript Reviewer In IGI global publications
21. Dr. Rajkumar Patil , Selected as a Guest Editor for the International journal of quality & reliability management.
22. Dr. Anandita Roy Nation level ATAL FDP on Design, Modelling & simulation of Sustainable Building Energy Systems with 130 attendees .
23. Dr. Anuradha Thakare delivered technical presentation to Chartered Engineers Pacific (CEP) Western Canada Group on 16th June 2021. The topic of presentation was Evolutionary Computing for Multi objective Optimization with participants from USA, Canada, India, Mauritius etc.

Students Achievements

Rinkita Tayde Samrudhi Patil	1st prize in paper presentation in A national level event Aakruti, organized by Nallha Malla Reddy College of Engineering, Hyderabad guided by Mr. S. B. Gorade
Samrudhi Patil & Rinkita Tayde	3rd prize in project competition in a national level competition Civil WITchar-2021, organized by Walchand Institute of Technology, Solapur. guided by Mr. S. B. Gorade
Eshaa M, Khushi D, Ruchika B	Awarded with the Grace Hopper Celebration Faculty Scholarship 2021 under mentorship of Dr. Sonali Patil
Arnav Patil, P.V. Rohit, Mansi Jagdale	BEST PAPER Award in 4th International Conference of Ideas, Innovation, Impact in Science & Technology organized by SKN COE, Vadgaon(BK) Guided by Prof. Swati Jagtap
Piyush Dugarwal	Best Paper Award in i-PGCON 2021 for Child Health Prediction System using Data Mining" .guided by Jaya H. Dewan
Sanjana Gandhi, Ruchika Bhamre, Tejal G.	3rd Position in Paper Competition hosted by SIG Healthcare IEEE Pune Section.
Amit Hire	Best Paper Award :i-PGCON 2021, for "Hash Algorithm based approach for Secured Web Portal guided by Dr. J. V. Katti
Rushikesh B, Manasi S, Nikita S , Dominic J	presented paper in SCI Journal with Impact factor of 7.97.ISSN : 2320-2882.Volume-09, Issue-06, June-2021 In International Journal Of Creative Research Thoughts guided by Mr.Gaffar G.Momin
Akansha P, Affanali S, Roshani , Naresh L	Presented paper in Presented paper in 2 nd International Online Conference on Emerging Trends in Multi-Disciplinary guided by Mr.Gaffar G.Momin
Rasmi , Pragati A, Aditi K	Presented Paper in 7 th National Conference on Advancements in Communication, Computing and Electronics Technology (ACCET 2021) also participated in IETE Intercollegiate Project Competition 2021 for Engineering students organized by IETE Pune center, Guided by Prof. Ashok Suryawanshi
Rutuja More, Harshal Shirke, Rohit Kale	

PCCoE Technical Feats

1. Dattatraya Anarse, Anjali Sakurkar, Mahadev Kadam, Sonali Kale presented paper on Societal Application Portable UV-C 360 Degree Disinfection Chamber in Techno-Societal 2020 - 3rd International Conference on Advanced Technologies for Techno-Societal 2020 Springer International Publishing ,ISBN: 978-3-030-69924-6
2. Sonali Kale : Improving Cooling Performance of Deep Freezer by Incorporating Graphene Oxide Nanoparticles Mixed with Phase Change Materials During a Power Outage. Techno-Societal 2020 Springer International Publishing .ISBN: 978-3-030-69924-6
3. Anjana R Arakerimath, MIT ADT University , A review paper presented on topic:"A Review On Innopreneurial &Entrepreneurial Skills to Influence the Innopreneurship Education".National Conference on Innovative . Global Trends in Art, Design, Technology, Management &Education,
4. K H Gupta, A K Gaikwad : "Risk Management in Ready Mixed Concrete (RMC) Plant by Using FMEA &ANP",International Journal of Advanced Engineering Research &Applications (IJA-ERA), ISSN: 2454-2377, 7(2), June 2021, pp: 1-14. www.ijaera.org
5. Prathmesh Solapure, Manasi Shinde, Shubhali Shete, Saurav Bachhav, Shailendra Banne "Experimental Study of Behavior of Under-Reamed Stone Column in Black Cotton Soil" Proceeding in Springer Technosocietal - 2020 2, 2021, Volume 2, pp:547-558
6. S. R. Vispute, Ishan Rao, Prathmesh Shirgire, , Presented paper on An Overview of Agriculture Data Analysis using Machine Learning &Deep Learning Techniques in 2nd International Conference on Image Processing &Capsule Networks. (ICIPCN-2021)- In press currently, will be published in Springer - Advances in Intelligent Systems &Computing Series edited by Kacprzyk, Janusz, ISSN: 2194-5357 Scopus, INSPEC, SCImago
7. Dr.Manjiri Anjanikar, Maitreya Sawai, Sameer More, Subodh Pandhare, Prasanna Nagardhane, Presented paper in 2nd International Conference on Data Analytics & Management (ICDAM-21)- In press, will be published in Springer's Lecture Notes on Data Engineering &Communications Technologies [Indexing: SCOPUS, INSPEC, EI Compendex, WoS A Review Of Intelligent Computing Systems For Diagnosing Plant Diseases
8. Smita Khairnar, Chetana Nanekar, Dattatray Damse, Subodh Awate presented paper in Volume: Spring 2-25-2021, Library Philosophy &Practice (E-Journal), ISSN: 1522-0222. Scopus-indexed on Bibliometric Survey on Predictive Analysis using Multiple Regression for Invoice Generation System
9. Mr. A. N. Kore & Lakade S. S presented a Review on the Overall Development of Jaggery Plant to Enhance Thermal Efficiency, Psychology &Education Journal, ISSN 1553-6939, 58(3), pp. 2172-2180, 2021
10. Mr. A. N. Kore & Lakade S. S presented paper on Analysis of Three-Stage Open Pan Heat Exchanger Working on Dual Fuel for Jaggery Making, Techno-Societal 2020: Proceedings of the International Conference on Advanced Technologies for Societal Applications, Volume 1, Springer International Publishing
11. Joshi, S., Gharat,M., Lagad, S., Khanvilkar, S., &Kore A. N. presented paper on Design of a Household Wet &Dry Waste Segregation Facilitator Dustbin. Techno-Societal 2020: Proceedings of the International Conference on Advanced Technologies for Societal Applications, Volume 1, Publisher: Springer International Publishing
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14. Mr Kishor Wane, Ganesh Rahate, Nilkanth Chopade presented paper in proceedings of the 2 nd International Conference on IoT Based Control Networks &Intelligent Systems (ICICNIS 2021), Technically sponsored by Elsevier, St. Joseph's College of Engineering &Technology, Kottayam, India 28-29, June 2021 p 169-178. "A Comprehensive Survey of Routing Techniques in MANETs

PCCoE Expressions



An article dedicated to Our beloved
Mr. Ganesh Bhagade:
by
Mr. Nikhil Thorve

कोरोनाचा फेरा

कोरोनाच्या फेऱ्यान माणसं बदलली पटकन ,स्वतःच्या घरात राहायला लागले अडकून जाऊ नको इकडे तिकडे विनाकारण ,नाहीतर व्हांव लागेल विलगीकरण तोंडाला आले मास्क हाती आलं ग्लोव्ज ,पॉसिटीव्ह नेगेटिव्ह चा खेळ निराळा किंमत वाढली पहिल्यांदा नेगेटिव्ह शब्दाची ,देवळ झाली बंद आणि इस्पितळ झाली उघडी जोरात



वारा कधीच दिसत नाही तसेच चैतन्य हे कधी दिसत नाही . पण , ते नेहमी आपल्यामध्ये जाणवत राहते . असेच आय टी डिपार्टमेंटचे चैतन्य म्हणजे आमचा लाडका गणेश...! आणि फक्त आय.टी. डिपार्टमेंटच नाही तर , संपूर्ण कॉलेज मधील चैतन्याचा निरंतर झरा म्हणजे गणेश भागडे . कोणताही प्रसंग असो . सदैव हसतमुख राहणारा गणेश प्रत्येकाला मदतीसाठी तत्पर असायचा . पेठ पारगाव वरून तब्बल 40 किमी रोजचे अप-डाऊन करून गणेश कधीही थकला नाही . तोच गणेश मृत्यू बरोबरच्या झुंजीत मात्र थकला .. आणि कधीही न विसरता येणारा चटका आपल्या सर्वांच्या मनाला लावून गेला .

गणेश कष्टकरी आणि होतकरू तरुणाचे एक मूर्तिमंत प्रतीक होते . घरची शेती व्यवस्थितरित्या सांभाळून जाँब करत करत गणेश सर्व घरदार उत्तमरित्या सांभाळले होते . कष्टाची जाण , आणि आपण करत असलेल्या कामाबद्दल प्रामाणिकपणा हे त्याचे अतिशय सदगुण होते . गणेशच्या रूपाने पिंपरी चिंचवड एज्युकेशन ट्रस्ट ने आपल्या घरातील सदस्य गमावला आहे ही भावना प्रत्येकाच्या मनात घर करून बसली आहे . एवढे नक्की...!!

घन्टा झाल्या बंद आणि सायरन झाले चालू ,आयुष्य झाले quarantine, देशी झाली लॉकडाऊन मध्ये WINE

येळच आली वाईट आता हात लावीन माणसाला कोणी

अपघातात पडला कि म्हणतोय कि ppe कीट घालून येतो ,दवाखान्यात बेड च शिलक नाही

Sanitizer चा झाला काळाबाजार पण इथं माणसाला किंमत नाही

कोरोना च्या लसीचे लागले आता डोहाळे,होऊ दे आता मोठे मोठे लग्न सोहळे

पण अशा गोंधळात माणुसकी शिल्क राहूदे मास्क घालून का होईना दोन चांगले शब्द बाहेर येऊ दे



Art of Heart : Mr. Manoj Thorat AS&H, Dept

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