About Phaltan Education Society

In reality Shreemant Malojiraje was the care taker of people and wanted to make them literate. He realized that education was the best means to bring about an all-round development of the people. With this realization he established the Phaltan Education Society in the Year 1951. The Society took under its fold an already existing institution, the Mudhoji High School and expanded it. Late Shreemant Shivajiraje Naik Nimbalkar, the Secretary of P. E. Society, directed the Phaltan Education Society to expand its operation and set up Mudhoji College in 1957 and provide higher education in the rural area in which children of common farmers and agricultural laborers can take of higher education. Ever since, this College has provided an opportunity to the needy students of Phaltan to obtain higher education. Presently the P.E. Society runs as many as 43 different institutions, which include Primary Schools, High Schools, Junior Colleges, Agricultural Schools, and Agricultural College, Horticultural College, an English Medium School, Senior Colleges, an I.T. Centre and Minimum Skills Vocational Centers, and Engineering College. The society has the Hostels for the poor and backward sections.

KURUKSHETRA The battle of brain.....

PES's College of Enginnering, Phaltan started in 2011, In 2014-15 our college decided to start any innovetive activity to impove the technical skill of student and to make involvement of student in techinical activity. So to provide platform to student to show there skill our college started technical event Kurukshetra with tag line The Battle of brain state level competition. This is the battle for the betterment of knowledge, betterment in technology, betterment the skill of Students, through this activity we hope that we will improve the student make them invovle in the different activity and try create there intrest in the research.

For kurukshetra 2018, under different deaprtment we organize different activities such as paper presentation, Robo Soccer, Robo war, CAD war, E-contraption, CAD War, Circuit designing, Debate, Assembly Coding, Counter Strike, Code War, Poster Presentation, Auto CAD, Field Expo, Smart City, ID Civil, Water Rocket Launcher, Technical Poster, Robo War, Quiz.

Event Poster

Invitation card

Left card:

विद्यामर्थं च साधयेत्।।

Phaltan Education Society's

College of Engineering, Phaltan

Eagerly solicit your gracious presence for

State Level Technical Event

KURUKSHETRA 2018

Inaugural Ceremony

14th September 2018 at 11.00 am

Chief Guest

Hon. Mr. Sanjeev Kanugo

Production Head, Bharat Gears Ltd. Lonand

President

Hon. Shreemant Sanjeevraje Naik Nimbalkar

President, Satara District Council,
Secretary, Phaltan Education Society

Prize Distribution Ceremony & Engineer's Day Celebration

15th September 2018 at 11.00 am

Chief Guest

Hon. Shri. Vijay Devi

Trustee, Builders' Association of India

President

Hon. Shri. Bhojraj Naik Nimbalkar

Governing Council Member, Phaltan Education Society

Shreemant Aniketraje Naik Nimbalkar
Chairman, College Committee

College Committee Members

Hon. Shreemant Sanjeevraje Naik Nimbalkar	Shri. Bhojraj Naik Nimbalkar
Shri. Shirish Sharadkumar Doshi	Shri. Arvind Rupchand Shaha
Shri. Hemant Vasantrao Ranade	Dr. Shri. Parshwanath P. Rajvaidya
Shri. Arvind Sukharam Nikam	Shri. Shelkant Baburao Phadatare

Dr. M. K. Phadatare

Principal

Venue-Seminar Hall, College of Engineering, Phaltan

Right card:

INVITATION

विद्यामर्थं च साधयेत्।।

Phaltan Education Society's

College of Engineering, Phaltan

KURUKSHETRA 2018

State Level Technical Event

Inaugural Ceremony

14th September 2018 at 11.00 am

Prize Distribution & Engineer's Day Celebration

15th September 2018 at 11.00 am

Inaugural Ceremony Program Detail Schedule

|| विद्यया च अमृतः ||

Phaltan Education Society's

COLLEGE OF ENGINEERING, PHALTAN

Phaltan, Tal: Phaltan, Dist-Satara
State Level Technical Event

KURUKSHETRA-2018

INAUGURAL CEREMONY

14TH SEPT., 2018

11:00 AM: WELCOME

11:05 AM: SARASWATI POOJAN & DEEP PRAJWALAN

11:10 AM: INTRODUCTION & FELICITATIONOF GUESTS

11:20 AM: INFORMATION OF THE EVENT KURUKSHETRA

Prof. S.A. Jagtap
Convener, Kurukshetra 2K18

11:30 AM: INTRODUCTORY SPEECH |

Dr. M.K.Phadatare
Principal, PES's COE, Phaltan

11:50 AM: SPEECH BY CHIEF GUEST

Hon. Mr. Sandeep Kumar,
TATA Cummins India Ltd., Phaltan

12.10 PM: Presidential Address

Hon. Shreemant Sanjeevraje Naik Nimbalkar,
President, Satara District Council,
Secretary, Phaltan Education Society

12.30 PM: VOTE OF THANKS

Prof. S. T. Kale

"Kurukshetra-2017-18" Committee

Sr. No.	Committee	Role	Name of Staff	Department
1		Convener	**Prof. S .A Jagtap**	
2		Co-Convener	Prof. Chavan K. U.	Civil
3			Prof. M. B. Jagtap	Mechanical
4			Prof. Ms. S. S. Adagale	Computer
5			Prof. Ms. S.S Kuchekar	E&TC
6			Prof. Kadam D.V.	Dip. Mechanical
7			Prof. N. S. Govekar	Dip. ETC
8			Prof. R. A. Pisal	S&H
9	**Guest Invitation, Letters, Anchor.**	Co-ordinator	**Prof. Kale S.T**	**S&H**
10		Member	Prof. Ms. T. D. Bhosale	S&H
11		Member	Mr.Gawade S.B.	Dip. Mechanical
12	**Poster and Certificate Committee**	Co-ordinator	**Prof.T. D. Gadekar**	**Mechanical**
13		Member	Prof Ms. Phalake N. N.	Computer
14		Member	Prof. A. R. Benkar	E&TC
15		Member	Prof. Patil S.R.	Civil
16	**Sponsership Committee**	Co-ordinator	**Prof. G. V. Thombare**	**Mechanical**
17		Member	Prof. Gaikwad M.N.	Civil
18		Member	Prof. S. S. Pawar	Computer
19		Member	Prof. Mr. S. P Jagtap	E&TC
20		Member	Mr.Gundge V.V.	Dip. Mechanical
21	**Campaigning Committee**	Co-ordinator	**Prof. M. M Gargade**	**Dip. ETC**
22		Member	Prof. Gurav P. S.	Civil
23		Member	Prof. S. R. Sawant	Mechanical
24		Member	Prof. S. S. Pawar	Computer
25	**Registration Committee**	Co-ordinator	**Prof. S. R Badigar**	**E&TC**
26		Member	Prof. Ingale N. N.	Civil
27		Member	Prof. Ms. P. B. Sawant	Mechanical
28		Member	Prof Ms. Shelake S. S.	Computer
29		Member	Ms. M.R Shinde	E&TC
30		Member	Prof Ms. Shelake S. S.	Computer
31		Member	Mr.Bhujbal N.B.	Mechanical
32		Member	Prof. Ms. Dhaygude P.S	Dip. ETC
33	**Stage, Sound and Flex Committee**	Co-ordinator	**Prof. A. A. Hipparkar**	**Computer**
34		Member	Prof. Sodmise A.L.	Civil
35		Member	Prof. B. P. Shaikh	Mechanical
36		Member	Prof. S. D. Jadhav	Dip. ETC

38	**Accommodation and Bus Committee**	Co-ordinator	**Prof. S. S. Bagwan**	**Mechanical**
39		Member	Prof. Gaikwad M.N.	Civil
40		Member	Prof. S. B. Sejal	S&H
41	**Refreshment and Food Committee**	Co-ordinator	**Prof. Chavan K. U.**	**Civil**
42		Member	Prof. Benkar A. R.	Dip. ETC
43		Member	Prof. S. B. Jadhav	Mechanical
44		Member	Mr. A. R. Dhumal	Computer
45		Member	Mr.Nalawade A.B.	Dip. Mechanical
46	**Trophies & Prize Distribution Committee**	Co-ordinator	**Prof. Gorad C. M.**	**Civil**
47		Member	Prof. S. B. Jadhav	Mechanical
48		Member	Prof. A. A. Pathan	Computer
49		Member	Mr.Khalate J.V.	Dip. Mechanical
50		Member	Prof. B. P. Katkar	Dip. ETC
51	**Website Database**	Co-ordinator	**Prof. A.T. Bhosale**	**Computer**
52	**Discipline Committee**	-	**ALL HOD's, Teaching and Non Teaching Staff**	

Cash Prize Details

Sr. No.	Department	Event	1st Prize	2nd Prize	Total
1	E&TC Engineering	Paper Presentation Degree	1000	700	1700
2		Circuit Design	1000	700	1700
3		Debate	1000	700	1700
4		Assembly Language Programing	1000	700	1700
5	Mechanical Engineering	Paper Presentation Degree	1000	700	1700
6		Robo Soccer	3000	2000	5000
7		CAD War(3D Modeling)	1000	700	1700
8		E-Contraption	3000	2000	5000
9	Computer Engineering	Paper Presentation	1000	700	1700
10		Code WAR	1000	700	1700
11		Poster Presentation	1000	700	1700
12		Counter Strike	1000	700	1700
13	Civil Engineering	Paper Presentation	1000	700	1700
14		Field Expo	1000	700	1700
15		Auto CAD	1000	700	1700
16		ID Civil	1000	700	1700
17		Smart City	1000	700	1700
18	Diploma Mechanical	Water Rocket Launcher	1000	700	1700
19		CAD War (2D Modeling)	1000	700	1700
20		Robo War (Diploma)	3000	2000	5000
21		Poster Presentation (Recent Trends in Automobile)	1000	700	1700
22	Diploma E&TC	Paper Presentation Diploma	1000	700	1700
23		Quiz	1000	700	1700
24		Poster Presentation	1000	700	1700
		Total	30000	20700	50,700

INAUGURAL CEREMONY

CHIEF GUEST

Mr. Sandeep Kumar, Manager Tata Cummins Pvt Ltd Plant 2&3

President

Department of Electronics and Telecommunication Engineering

EVENT NAME: Paper presentation

Name of Event	Paper presentation
No. of Participant	14
Participant from other Colleges	02
Participant from PES COEP	12
Name of Judge (with Qualification and Experience)	Prof.Nagaraju Gaddam, Assistant Professor, SRTTC, Ph.D Pursuing(Image Processing, 9.2 years' experience)

Topics:

1. Artificial Intelligence
2. Wireless communication
3. Latest Technologies for Non-conventional sources of energy
4. Power electronics.
5. Embedded and VLSI system.
6. Image Processing
7. Recent Trends in E & TC.

Rules:

1. ID card is mandatory.
2. Maximum Two members are allowed in One Group.
3. Candidates should bring two hard copies and one soft copy of the paper at the time of presentation.
4. The presentation time is for 6 mins and queries for 2 mins for each paper.
5. The paper should be in IEEE format and Paper should not exceed six pages.
6. Candidate should submit soft copy of paper (in pdf format) on email: nale.shilpa@gmail.com
7. Bring your Soft Copies in CD or Pen drive.

Photo: Inaugural of Paper Presentation competition by Mr. Sandip Kumar

Photo: Participants presenting paper in the Paper Presentation competition

Description: The Paper presentation topics are more valuable for the students to share their knowledge and improve their communication skills. These skills play a prominent role not only during their engineering course, but also after the completion of their course, especially during their job search and career advancement. It is not only adding value to the resume but also helps in developing various skills such as Communication Skills, Stage daring, Confidence etc

Winners

Position	Name/s of Participant	Name of College
Winner	Ingawale Kiran Dilip Bhosale Dhanshri Kisan	PES's COE Phaltan
Runner	Nalkar Rohit Ramchandra	S.B.Patil COE, Indapur

EVENT NAME: Assembly Coding(8051 based)

Name of Event	**Assembly coding**
No. of Participants	5
Participant from other Colleges	Nil
Participant from PES COEP	5 students
Name of Judge **(with Qualification and Experience)**	No judge

Rules:

1. ID card is mandatory.
2. The size of the team should be one member.
3. Aptitude test will be for 15 marks and time duration is 10 min. Aptitude questions will be based on architecture of 8051 microcontroller and its instruction set. On the basis of marks candidate will be selected for next round.
4. Second round is based on two 8051 Assembly language based Programs. To run that programs maximum time duration is of 30 minutes.
5. The candidate who will run or implement those programs within specific time (Max 30 minutes) i.e. with minimum time, they will be declared as a winner.

Photo: Inaugural of Assembly Coding Competition by Mr. Ranjit Nimbalkar

Photos: Participants performing in 2nd round of Assembly Coding

Description:

Assembly coding competition provides a platform for Student to present their programming skill to solve problems. The objective of this event is to encourage students to become involved in the dynamic profession of electronic engineering and to apply their knowledge for practical design. With the help of this event student got knowledge or idea about understanding the problem (code) statement, how to apply logic and how to use different instructions to solve that problem efficiently. The main motto behind this is event is to improve logical (Programming) skills of the students. So this event was conducted in Kurukshetra.

WINNERS

Position	Name/s of Participant	Name of College
Winner	Ms.Dhembare Monika Ashokrao	PES's COE Phaltan
Runner	Ms.Bondre Sujata Sunilkumar	PES's COE Phaltan

EVENT NAME: DEBATE

Name of Event	**Debate**
No. of Participants	20
Participant from other Colleges	Nil
Participant from PES COEP	20 students
Name of Judge **(with Qualification and Experience)**	Prof. Vanjari Hrishikesh, NES's GOI Faculty of Engineering. Naigoan, Pune. 412213 ME E&TC 9 years' experience

Rules:
- College id is compulsory
- Participant is solo and group based
- Topic will be given on the day of the event
- The medium of debating should be English or Marathi
- Use of un parliamentary words will lead to disqualification
- The participant will be judge on speaking skills, confidence level and presentation of thoughts
- The judge and event co-coordinator decision will be final
- Maximum 5 min for speaking
- No. of rounds if subjected to total no of participate

Photo: Inaugural of Debate competition by Mr. Ranjit Nimbalkar & all Departmental HODs

Photo: Students in Final Round

Description:

- Debate is a process that involves formal discussion on a particular topic
- In a debate, opposing arguments are put forward to argue for opposing viewpoints
- Debate occurs in public meetings, academic institutions, and legislative assemblies
- It is a formal type of discussion, often with a moderator and an audience, in addition to the
- debate participants
- Logical consistency, factual accuracy and some degree of emotional appeal to the
- audience are elements in debating, where one side often prevails over the other party by
- presenting a superior "context" or framework of the issue
- It is a formal type of discussion, often with a moderator and an audience, in addition to the
- debate participants

Outcomes of the Event:

1) Compare and discriminate between ideas Given Topics

2) Verify the Value of Evidence

3) Resolve controversies

4) Recognize strengths and weaknesses of argument

5) Self Assessment

WINNERS

Position	Name/s of Participant	Name of College
Winner	Vivek Pisal	PES's COE Phaltan
Runner	Vaishnavi Ghadge	PES's COE Phaltan

EVENT NAME: CIRCUIT DESIGN

Name of Event	**Circuit Design**
No. of Participants	4 Groups
Participant from other Colleges	Nil
Participant from PES COEP	08 students
Name of Judge (with Qualification and Experience)	No judge

Rules:

General Rules:

1) I-Card is compulsory for participant.
2) Mobile not allowed.

Round 1

1) You have to make maximum circuits with given no. of components & each component used only once.
2) One mark will given to valid correct circuit only.
3) Time for each group is 15 min. only.

Round 2

1) You have given titles, from that you have to draw & built circuit.
2) We will provide the components &as per your requirement, collect the equipment from coordinator.
3) Time for each group is 40 min.
4) Return all component & equipment after performance.

Photo: Inaugural of Circuit Design competition by Mr. Sandip Kumar

Photos: Participants performing in 1st and 2nd round of Circuit Design

Description:

Circuit Design competition provides a platform for Student to present their designing skill to which is necessary for building in any circuit. The objective of this event is to encourage students to become involved in the dynamic profession of electronic engineering and to apply their knowledge for practical design. With the help of this event student got knowledge or idea about understanding the various circuits & their performance. With the help of this event they will also got knowledge of testing the different circuits. The main motto behind this is event is to improve their designing skills.

WINNERS

Position	Name/s of Participant	Name of College
Winner	Ms. Mane Kirti Manohar	PES's COE Phaltan
	Ms. Attar Arifa Usman	
Runner	Ms.Mahadik Ashwini Dnyaneshwar	PES's COE Phaltan
	Ms Wagh Arti Chandrakant	

Feedback given by Guests, Judges, Principal, Facuties & Participants...

Department of Mechanical Engineering

EVENT NAME: Paper Presentation

Name of Event	Paper Presentation
No. Of Participant	Total No. of Group- 5, Participant- 5
Participant from other Colleges	Total No. of Group- 0 , Participant- 0
Participant from PES COEP	Total No. of Group- 5 , Participant- 6
Name of Judge (with Qualification and Experience)	Asst. Prof.- Prakash Ingale M.E (Prod), PhD (Regi.)

Objectives:
1. The present Expert Consultation is intended to review the shortcomings and document existing experiences in view of preparing a series of technical papers on methodology, possibly supported by case studies on selected country practices and/or results from controlled experiments
2. Review and discuss papers prepared in draft form by each of the participating experts in order to document relevant experiences/practices in the agronomy and assessment of roots and tubers;
3. Discuss and identify key parameters for a system capable of providing information and statistics on root and tuber crops;

Outcomes:
1. The papers presented at this Expert Consultation will constitute useful resource material for future activities in the development of methodologies for data collection and use of root crop statistics.
2. The conclusions and recommendations will be extremely valuable to future scope and research work

.

Photo No.1 Prof. Prakash Ingale at Inauguration Ceremony of Paper presentation

Presentation Rule:

1. Candidates should bring two hard copies and one soft copy of the paper at the time of Presentation
2. Soft-copies of the submitted paper and Power Point presentations must be in the .docx format (MS Office 2003, 2007, 2010 format).
3. The teams will get 10 minutes for presentation followed by question and answer session.

Topics:-

1. Mechanical Engineering- Ideas, Innovations and Initiatives
2. Renewable Energy & Carbon credit
3. Bio – mechanical technology - This area may include designing prostheses, developing movement systems for people with spinal injuries, and refining equipment for athletes in high-performance sports
4. Space and aviation technology - Design or production of aircraft, spacecraft, aerospace equipment, satellites or missiles.
5. Automobile technology – Design or construction, maintenance, and operation of self - propelled vehicles for use on land or sea, in air or space.
6. Marine technology – conception or design or construction techniques of ships, offshore structures, marine vehicles and other advanced offshore technologies.
7. Robotics & Automation- Design or production of Robots, Automation Lines, Conveyor & Cranes.

Description:

Paper Presentation is about how we put our topic, Knowledge, sense of humor, presentation in front of the public. They see the way we present it and our style of presenting the paper. The language we present the topic in. Technical presentations serve engineering, scientific and high tech purposes, describing advances in technology, problem resolution, and product design, project status. So this event was conducted in Kurukshetra-2K18. The main objective of this event is to encourage students to become involved in the dynamic profession of mechanical engineering and to apply the presentation skill in daily life. Paper presentation reflects our professionalism.

Photo No.2 Participants Presenting papers at Event

Winners

Position	Name/s of Participant	Name of College
Winner	1) Ghadage Vaishnavi Madhukar	PES's COE, Phaltan
Runner up	1) Mr. Jagtap Akshay Balaso	PES's COE, Phaltan

EVENT NAME: CAD WAR(3D Modeling)

Name of Event	3D CAD WAR
No. Of Participant	10
Participant from other Colleges	2
Participant from PES COEP	8
Name of Judge (with Qualification and Experience)	Name:- Prof. Thombare G.V. Designation :- Assistant Professor in Mechanical Engineering Department College Name:- PES's COE, Phaltan Qualification:- M.E. in Design Experience:- 7 Years

Topic/Specifications:

3D CAD WAR

1. Software- Catia V5 only
2. No. of Participant- 1 only
3. Registration fee is Rs.50 /- only.
4. Round I- 3D Modeling, Time-30 minutes
5. From result of round I top 6 allowed for Round II
6. Round –II – Assembly Making, Time- 60 minutes
7. From result of Round –II , Winner and runner up will be declared.

Rules:

General Rules:
1. Software- Catia V5 only
2. No. of Participant- 1 only
3. Registration fee is Rs.50 /- only.
4. ID card is mandatory.
5. Decision of the judges will be final and will not be subjected to any further discussions.

Rounds-

Round -1-

Generating 3D model

Time – 30 minutes.

Rules –

1. This is a hand on round on 3D modelling software.

2. Problem statement consisting of generating an isometric view from 3 or less orthographic view will be given.
3. Result based on accuracy & speed.
4. Some Questions will be asked based on modelling.

Round-2-

<u>Assembly Making</u>

Time – 1 hour.

Rules-

New models will be given & winner will be decided based on the same rule as earlier.

Evaluation Criteria:-

Fully Constrained Sketch	10 Marks
Strategy of Modeling	10 Marks
Completion within Time	10 Marks
Accuracy of Modelling	10 Marks
Question Answer	10 Marks
Total out of	50 Marks

Winners:

Position	Name/s of Participant	Name of College
Winner	Shaikh Shahrukh Amin	PES's College of Engineering, Phaltan
Runner up	Kadam Sujit Shivaji	S.B. Patil College of Engg., Indapur

Outcomes:

CAD WAR (3D Modeling) is event organized by Mechanical Engineering Department of PES's College of Engineering, Phaltan. CAD WAR (3D modeling) is war of time and accuracy so that students can develop professional skill in CAD world of CATIA software, which is one of the most used software in Maharashtra in Industries and they can differentiate themselves from others.

Captured Moments:

EVENT NAME: ROBO-SOCCER

Name of Event	ROBO-SOCCER
No. Of Participant	10 Group
Participant from other Colleges	5 Group
Participant from PES COEP	5 Group
Name of Judge **(with Qualification and Experience)**	

OBJECTIVES-

1. The objective is to design a manual robot and which can compete on an arena specially designed for robotic soccer match.
2. The event is aimed at testing the Flipping, Pushing and the control of the robot.

ROBOT SPECIFICATIONS:

1. The robot should fit inside a box of 40cm*40cm*40cm.
2. Robot should not exceed 4 kg.
3. The robot can be wired, wireless or autonomous.
4. The robot should be self-powered with supply not exceeding 12V(on board power supply)

Rules:

1. Team can have maximum number of four members
2. Each team will have to defend the goal on its side as well as score the goal on the opposite side.
3. Each team can have a maximum of 2 team members
4. The weight limit of the robot for this competition is 8 Kg.

Fig. ROBO SOCCCERCompetition

Description:-

"Robosoccer" is a Grand event organized by Mechanical Engineering Department of PESCOE, Phaltan on the occasion of KURUKSHETRA 2K18 on date 14th September, 2018 with enthusiasm and dynamism by the students. It is the event where you to get to test the efficiency and power, skills of your robot….

Around 24 students from all the Departments participated in the event. Following students won first prize in Robosoccer event.

WINNERS

Position	Name/s of Participant	Name of College
Winner	1. Swapnil Anil Gangavane 2. Siddharth Sunil Pisal	YTC, Satara
Runner up	1. Doshi Ashish Sanjay 2. Khalate Jitiram Mahesh 3. Khalate bhijeet Vilas 4. Nikalje Vishwajeet Atulraj	PESCOE, Phaltan

Outcomes-

Design and construct a remote controlled robot capable to match with other robot as well-known football.

EVENT NAME: E-Contraption

No. Of Participant	9
Participant from other Colleges	0
Participant from PES COEP	9
Name of Judge **(with Qualification and Experience)**	Miss. Dipika Jadhav [BE (Mechanical Engg.)] Jr. Engg. at Anand Teknow Aids Engg. India Ltd.

Objectives:
1. Students must apply theoretical knowledge to develop the setup.
2. Students must have good team work & cooperation among the team members.
3. Students must apply innovative ideas to optimise material, mechanisms, cost etc.

General Rules:
1. Setup should be eco-friendly.
2. Time for setup - 1 hour
3. Maximum **2** trials are allowed, 20 second trial **15%** points will be deducted.
4. Maximum **2** interventions are allowed, after that point will be deducted for each intervention.
5. Total no of energy conversion
6. Explanation of each and every step.
7. Judges will decide correct no. of steps and energy conversions in the arrangement.

Evaluation Criteria:-

A) Explanation of setup
B) Number of energy conversions
C) Number of interventions

Explanation of set up to the honorable chief guests

Set up by participant

Winners

Position	Name/s of Participant	Name of College
Winner	Tupe Vishal Balaso Karande Vikram Satish Nanaware Sneha Ashok Shinde Vinayak Vishnu	PES's College Of Engg.Phaltan
Runner up	Desai Pratik Shahaji Borate Sushant Arjun Bichukale Omkar Shahaji Gaikwad Navnath Ashok	PES's College Of Engg.Phaltan

❖ Outcomes of event

1. Students have gone through healthy competition.

2. Students worked in team and co-operated team members to win the competition.

3. Students applied knowledge of various mechanisms, material selection, cost estimation, lay out planning for set up which they have learnt in academics.

4. Also during working in team they faced many problems. They took problems as challenges and overcome those challenges by proper management and good decision making. So with technical knowledge students also applied managerial skills.

Department of Computer Engineering

Participation Details

College Name	Events			
	PP (AAP)	Poster (SSS)	CW (ATB)	CS (SSP)
PES"s COE, Phaltan	11	22	13	41
Mudhoji College, Phaltan	02	-	-	-
SVPM"s COE, Malegaon	-	-	-	3
COM Mumbai,	-	-	1	1
SB Patil College of Engineering ,Indapur	-	2	-	-
VIIT, Baramati	-	1	-	1
SIET Polytechnique, Panive	2	2	5	-
Total	**15**	**27**	**18**	**46**

The Paper Presentation Event aims to provide the best platform to showcase the research ideas in front of an esteemed panel of judges. Presentations, now a days, are an indispensable part of the corporate sector. People wanting to move mountains in future must begin by carrying small stones and this is the impetus of this technical paper presentation. The purpose of this technical paper presentation is to judge efficaciously how skilled we are in our own fields. Technical Paper Presentation event showcased the very essence of unbridled technical know-how of the participants.

Goals:-

- To create awareness about the latest updates in the field of Computer engineering.
- To encourage those students who have shown excellence in academics.
- To provide an opportunity for students conducting original scientific investigations to present their work publicly.
- Energizing the abilities.
- Enabling member's career.
- Enhancing the personal of every individual.

Topic:

1. 5G Wireless Technology
2. Authentication using biometric technology.
3. Blockchain technology in cyber security
4. Crypto Watermarking Method
5. Cloud based ICT infrastructure
6. Sensors for Internet of Animal Health Things
7. MIoT for Healthcare using cloud
8. Digital India

Rules:

1. Maximum **2** participants in each group.
2. Total time for presentation- **15 minutes.** (10 minutes for presentation + 5 minutes for question answers)
3. Paper format will be available on website (**IEEE format**).

Name of Judge: Prof. Uchale B.S.(Comp. Dept. KBP, Satara)

Total No. Of Entry's:- 8 Group(Internal) + 02 Group(External) =10

Pic1.Inauguration of Paper Presentation Event by Mr. Sandeep Kumar, TCL Phaltan.

pic2.A click during Paper Presentation

Pic3.A click during Paper Presentation

Name of Event Coordinator: Prof. Ms. Pathan A.A 8421734765

RESULT

Rank	Name of Participant	College Name	Mobile No
2	Teli Shivanjali Krushnakumar	PESCOE,Phalatn	**8975696990**
1	**Komal Balaso Jadhav**	**Mudhoji College,Phlatan**	**9834017002**

Pic4.Winner of Paper Presentation

POSTER PRESENTATION

       The purpose of the poster presentation competition is to stimulate research by engineering students, to provide a venue to share innovative and effective educational programs, to showcase unique community projects, and to encourage networking among students and residents with similar interests. Posters are a key component of communicating your science and an important element in a successful scientific career. Posters, while delivering the same high-quality science, offer a different medium from either oral presentations or published papers , and should be treated accordingly. Posters should be considered a snapshot of your work intended to engage colleagues in a dialog about the work, or, if you are not present, to be a summary that will encourage the reader to want to learn more.

Goals:-

- Clarity of content-You will need to decide on a small number of key points that you want your viewers to take away from your presentation, and you will need to articulate those ideas clearly and concisely.

- Visual interest and accessibility- You want viewers to notice and take interest in your poster so that they will pause to learn more about your project, and you will need the poster's design to present your research in a way that is easy for those viewers to make easy sense of it.

Topics: -

1. E-waste management
2. Android version history
3. Industrial IoT.
4. Blockchain technology in cyber security
5. I-Twin limitless pendrive technology
6. Digital India initiatives
7. IoT for flora & fauna
8. Smart Classroom and virtual classroom.
9. Other recent technology

Rules:

- Number of Participant= 2 (max)
- Size of Poster= A2(11.7*16.5 inch)
- For one entry only one poster is allowed.
- The time duration is 10 minutes for explanation.
- On basis of explanation and poster, winner will get selected.
- Any material will not be provided by college. Entry Fee: Per head 50/- RS. OR Per Group Rs. 100/-

Name of Judge: Prof. Uchale B.S.(Comp. Dept. KBP, Satara)

Name ofEventCoordinator: Prof.Ms. Shelke S.S. 9850533299

Prof.Ms.Phalke N.N. 9970999641

Total No. Of Entry's:- 12 Group(Internal) + 03 Group(External) =15

Pic5.Inauguration of Poster Presentation Event by Mr. Sandeep kumar(Cummins India Ltd. Phaltan)

Rank	Name of Participant	College Name	Moblie No
2	Saste Tejasvee Haribhau Kale Tejaswi Dilip	PESCOE,Phalatn	**7387143635**
1	Rohit Rajendra Nalkar **Akash Suresh Deokate**	S.B.Patil, COE,Indapur	**79723335644**

Code-War:

About Code-War:

Code-war is the event in which students can show off your computer programming skills. The goal of this event is to provide a fun, challenging, and educational experience for students.

Following are the rules of Code-War event.

- Aptitude test will be for 30 marks and time duration is 30 min. it have questions on all programming languages .on the basis of marks candidate will be sort list for next round.
- In implementation of statement in „C". we will give you the statement you have to implement that statement in „C". on the basis of implementation of program candidate will be short list for next round. Time duration for this round is 15 min.
- In third round. We will give you the statement you have to implement that statement Blind monitor. On the basis of implementation of program and efficiency of code winner will be get decided. Time duration for this round is 25 min.

Round 1

1) Aptitude test

In this round 30 marks Technical paper was given to students. The time to solve paper was 30 min. criteria for selection was more than 15 marks

Total no of candidate attempt test =18

Total no of candidate sort list for next round = 7

Round 2

2) Open Programming

In this round a programming statement was given to students. The time to write program was 15 min.

Total no of candidate attempt C Programming =
7 Total no of candidate sort list for next round =
3

Round 3

3) Blind Programming

In this round a programming statement was given to students. They have to implement the statement blind monitor time to write program was 10 min Total no of candidate attempt third round = 3

Name of Event Coordinator : Prof. Bhosale A.T.   **(7083791521)**

Total No. Of Entry's:- 13(Internal) + 5(External) =18

Pic7.Inauguration of Code-War Event by Mr. Sandipkumar (Cummins India Ltd. Suravdi)

Pic8.Participants attempting aptitude test of Code-war

Result:

Rank	Name of Participant	College Name	Moblie No
2	Kutwal SourabhR.	PESCOE,Phalatn	7757828061
1	Londhe Sonali R.	PESCOE,Phalatn	9325005652

Counter-Strike is a first-person shooter game in which players join either the terrorist team, the counter-terrorist team, or become spectators. Each team attempts to complete their mission objective and/or eliminate the opposing team. Each round starts with the two teams spawning simultaneously. All players have only one life by default and start with a pistol as well as a knife.

The objectives vary depending on the type of map, and these are the most usual ones:

- **Bomb defusal**: The terrorists must carry a bomb, plant it on one of the designated spots and protect it from being disarmed by the counter-terrorists before it explodes to win. The counter-terrorists win if the time runs out with no conclusion.
- **Hostage rescue:** The counter-terrorists must rescue a group of hostages held by the terrorists to win. The terrorists win if the time runs out with no conclusion.
- **Assassination**: One of the counter-terrorists is chosen to act as a VIP and the team must escort this player to a designated spot on the map to win the game. The terrorists win if the VIP is killed or if the time runs out with no conclusion.

Rules:-
Max 4 players in one group.
Every round is knockout round. No Cheat codes are allowed.

Total No. Of Entry"s:-41(Internal) + 08(External) =49

Name of Event Coordinator: Prof. S. S. Pawar (9130058537)

Pic11.Inauguration of Code-War Event by Mr. Sandipkumar(Cummins India Ltd. Suravdi)

Result:

Rank	Name of Participant	College Name	Moblie No
2	Maner Asif Musa	PESCOE,Phalatn	9130284144
	Nale Atul Shivaji		
	Tilekar Sanket Bapurao		
	Pawar Pranay Vikas		
1	Jagtap Shivam Vijay	SVPEMCOE,Malegaon	9130879696
	Jadhav Guruprasad Vijay		
	Jagtap Abhishek Sanjay		8888899511
	Gadhave Krishna Tanaji		

Civil engineering Department

In **Kurukshetra 2K18 Event,** Civil Engineering Department has introduce a new event- **Smart City** and other technical event ID CIVIL, AUTO CAD Drawing, Paper Presentation and Field Expo. Each event has selected on same specific purpose so that participant has known their skill, ability, new development etc.

Smart City event checks the theoretical as well as practical knowledge of student. In this event Firstly 30 marks test was carried out related to Town Planning and then students are selected for Planning a town depend on their performance in Drawing sheet. Finally the winners are selected by accuracy of work and Allocation and planning of town community for practical. For these event total 5 groups was participated. This event checks the creativity and awareness of planning such as resources, housing, industries, commercial, utility services etc. They gain knowledge of different human activity in the region and create new area for settlement covering.

The main objective of ID Civil event is to encourage students to become involved in the Planning of building of civil engineering and to apply their knowledge to practical design use. Drawing is a language of Civil Engineer. Civil Engineer is responsible for planning and design of structural members of a building from a given drawing i.e., he transforms his ideas as drawing on paper into a structure on the ground. Drawing is part of the documentation needed to build an engineering product or architecture.ID Civil provides a platform for Student to present their innovative ideas in actual practice. So this event was conducted in Kurukshetra.

Auto CAD is widely used and highly professional computer aided drifting and Design package which runs on a low cost, standard microcomputer bringing the benefits of a high performance CAD facility. Auto CAD is a registered Product of Autodesk. In Auto cad Event We gave a plan of 1 BHK flat. Plan and Elevation are already given according to both plan, elevation and section also drown by participants. Auto-cad is the software which we can draw the plan of any structure like building, bridge etc. This software is very useful for drawing of civil engineering because it gives accurate drawing in less time. So we included this event in Kurukshetra 2K18.

Field expo event checks the theoretical as well as practical knowledge of student. In this event Firstly 40 marks test was carried out related to surveying subject and then students are selected for solving a practical problem depend on their performance in test. Finally the winners are selected by accuracy of work and time consumed for practical. For these event total 8 groups was participated. In round first 5 groups are scored maximum marks, hence they are selected for round second. This event check the field work of student such as leveling of dumpy level, sighting operation, taking the reading and calculating the reduced level of different point using height of instrument method or rise and fall method.

Paper Presentation provides a platform for Student to present their topic about the particular subject of their area of interest. The main objective of this event is to encourage students to become involved in the dynamic profession of civil engineering and to apply their knowledge to prepare paper and present it. Paper presentation also **contributes to and helps in discussing and sharing knowledge about most recent advances in civil engineering field.** Students are required to prepare paper as per guidelines and present their paper by using power point presentation. Paper presentations will bring out more discussions and will help students and the listeners gain more knowledge about topics. Broader implications will be given and sharing of knowledge will be a part of presentation. So this event was conducted in Kurukshetra2K18.

Following Table Shows No. of Participant from other Colleges as well as from our college.

Name of Event	Smart City
No. Of Participant	12
Participant from other Colleges	0
Participant from PES COEP	12
Name of Judge (with Qualification and Experience)	Prof. D.G. Patil M-tech Town planning (about 9 years' Experience in teaching felid)

Name Of Event	ID Civil
Participant From other college	0
Participant From PES COEP	18
Name Of Judge (With Qualification and experience)	Mr. Mahendra Jadhav Architecture.

Name of Event	AUTO-CAD
No. Of Participant	17
Participant from other Colleges	4
Participant from PES COEP	13
Name of Judge (with Qualification and Experience)	NA

Name of Event	Field Expo
No. Of Participant	27
Participant from other Colleges	Nil
Participant from PES COEP	27
Name of Judge (with Qualification and Experience)	No Judge

Name of Event	Paper Presentation
No. Of Participant	12
Participant from other Colleges	00
Participant from PES COEP	12
Name of Judge (with Qualification and Experience)	Pof. D. G. Patil, Assistant Professor, Civil Engineering Department, VPKBIET, Baramati.

Winners:

The winner are decided by the judge and event coordinator on following criteria; For ID CIVIL Event, Winning criteria is depends on completion of drawing in Minimum time with all specification.

For AUTO CAD Drawing, winners are decided as per format given below:

Criteria	Accuracy (20)	Speed to complete the Plan (20)	Command (10)

The winner of field expo event are decided on 1) Time of Completion 2) Accuracy of work

For Paper Presentation Event, Winner are decided by following criteria.

Scope of Subject	Presentation Skill	Methodology	Conclusion	Que-Ans

List of Winner:

Following are the list of winner in various event;

Smart City Event

Position	Name/s of Participant	Name of College
Winner	Omkar Bobade A.	PES'sCOE Phaltan
Runner up	Thombare Namdev T. Kavitke Vikrant. Govekar Aniket S.	PES'sCOE Phaltan

ID CIVIL Event

Position	Name/s of Participant	Name of College
Winner	Mr.Nikhil Bhoite	PES's COE Phaltan
Runner up	Mr.Chaitanya Shilwant	PES's COE Phaltan

AUTO CAD Event

Position	Name/s of Participant	Name of College
Winner	Nale Nilesh Nandev	VPKBIET, Baramati
Runner	Gaikwad Amarsinh Dattatray	Abhinav college, Bhor

Field Expo Event

Position	Name/s of Participant	Name of College
Winner	Akshay Shinde, Lakade Tushar and Sourabh Ghadage.	PES'sCOE Phaltan
Runner up	Nale Suraj, Ranaware Sayali and Yogi Jitendra	PES'sCOE Phaltan

Paper Presentation Event

Position	Name/s of Participant	Name of College
Winner	Vaishnavi Madhukar Ghadge	PES'S COE, Phaltan.
Runner up	Aniket Govekar Kishan Pawar	PES'S COE, Phaltan.

Photographs of the Event:

Smart City:

ID Civil:

Auto CAD :

Field Expo:

Photographs of Technical aptitude test (Round-I)

Paper Presentation:

Feedback:

As an event co-convener to handle this event was very excellent experience. Because of this I am learned how to do best management in any type of work. Such type of event is necessary to improve management skill of student, co-ordination.

Department of Electronics and Telecommunication (Diploma)

EVENT NAME: Paper Presentation

Name of Event	Paper Presentation
No. Of Participants	11 students
Participant from other Colleges	1 students
Participant from PES COEP	10 students
Name of Judge (with Qualification and Experience)	Prof. Vanjari Hrishikesh ME-E&TC (Signal Processing) NESGOI Faculty of Engineering. Naigoan, Pune Exp. 9 Years

Topics:
1. Nanotechnology in Electronics.
2. Security System.
3. Wireless communication
4. Electronic based Satellite communication system.
5. Power electronics.
6. Embedded system

Rules:

1. ID card is mandatory.
2. Registration fee is Rs. 100/- per Group.
3. Maximum Two members are allowing in One Group.
4. Candidates should bring two hard copies and one soft copy of the paper at the time of presentation.
5. Paper should be in a MS word document (.doc) or pdf document.
6. The presentation time is for 6 mins and queries for 2 mins for each paper.
7. The paper should be in IEEE format (abstract alone will not be accepted) and Paper should not
    Exceed six pages.
8. Bring your Soft Copies in CD or Pen drive.

Photo: Inaugural of Paper Presentation competition by Mr. Sandip Kumar, Manager TCL, Surawadi

Photo: Participants presenting paper in the Paper Presentation competition

Description: Paper presentation plays an extravagant role in the student's life. Paper presentation is part of technical fest in every engineering college. Presenting paper in universities like IIT, BITS and NIT will add a lot of significance to the resume. It is not only adding value to the resume but also helps in developing various skills.

Outcomes of Paper Presentation:

- **Improve Stage daring**
- **To Bring students out of stage fear**
- **Improve Communication skills**
- **Opportunity to present new idea in front of all**
- **Improve Presentation Skills**

Winners

Position	Name/s of Participant	Name of College
Winner	Borate Shubham Vishnu Ghanwat Archana jotiram	PES's COE Phaltan
Runner up	Bawane akash Hemant Kamble Monika Suhas	PES's COE Phaltan

EVENT NAME: Poster Presentation

Name of Event	Poster Presentation
No. of Participant	12
Participant from other Colleges	01
Participant from PES COEP	11
Name of Judge (with Qualification and Experience)	Prof. N. B. Gargade VIVA Institute of Applied Art, Virar (E)

Rules:

1. Number of Participant= 2 (max)
2. Size of Poster= A2(11.7*16.5 inch)
3. For one entry only one poster is allowed.
4. The time duration is 10 minutes for explanation.
5. On basis of explanation and poster, winner will get selected.
6. Any material will not be provided by college.
7. Any topic containing message.

Photo: Inaugural of Poster Presentation competition by Mr. Sandip Kumar, Manager, TCL Surawadi
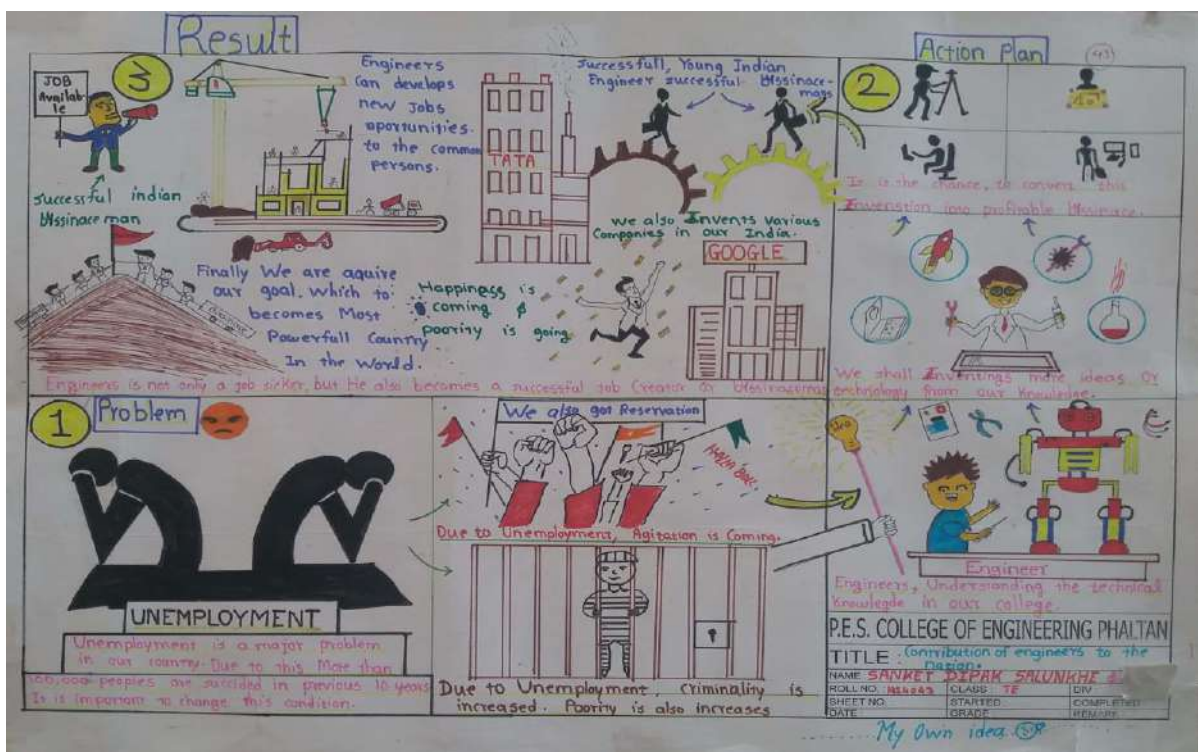
Photo: Participants presenting poster in the Poster Presentation competition with Judge

Description: Engineers, like all professionals, must possess a well-developed ability to communicate. This poster presentation, held at the Phaltan Education Society's, College of Engineering, haltan organized by Electronics & Telecommunication Engineering

Department (Diploma) under the Kurukshetra 2018-19 a state level technical event is designed to emphasize the ability to deliver a visual presentation. Poster presentation is to educate others with one's summary of research or creative project in a visually engaged way. The poster stands on its own as a clear, logical and subjective representation to make others to visualize.

The E&TC students have conducted poster presentation with excellent illustrations on the topics as Save trees, The tree of digital India, Say No to Plastic, Global Warming, Save Water Save Earth, What is Solid Waste, Contribution of Engineer to the Nation…….etc

WINNERS POSTER: FIRST PRIZE POSTER

Position	Name/s of Participant	Name of College
Winner	Mr. Salunkhe Sanket Dipak	PES, College of Engineering, Phaltan
Runner up	Miss Pooja Sanjay Sawant Miss Pratiksha Jadhav	PES, College of Engineering, Phaltan

EVENT NAME: QUIZ COMPETITION

Name of Event	Quiz Competition
No. of Participant	136
Participant from other Colleges	6
Participant from PES COEP	130

Rules & Regulation

1. All the participants should be present at sharp 10:00 AM for aptitude test (Round-I) Identity card is compulsory.
2. A team should not have more than two members & replacement of any participant of a team is not allowed after registration.
3. The participants will not be allowed to use mobile or other electronic gadgets during the quiz.
4. The questions shall be in the form of multiple choices, true/false statements, specific-one word answer
5. Registration fee is Rs. 100/- per Group.

Events Snapshots:

Photo: Inaugural of Quiz Competition by Mr. Sandip Kumar, Manager, TCL Surawadi

Photos: Students participating in Quiz Competition

The event has been conducted as per following manner:

Round -I Aptitude Test (Qualifying Round)

1. ROUND-1 will be conducted in campus on day of the event.
2. The participants will be informed of the venue & time in due course of time.
3. Each team would have to answer 20 multiple choice objective type questions.
4. Time limit will be 20 minutes for the entire session.
5. Only 10 teams would be selected for the **ROUND II**
6. In case of tie between any two or more teams, & additional 5 questions will be given to the teams in question & a final selection will be made.
7. The selected team shall have to appear for the final on-stage round for which the venue & time will be informed during the qualifying round

Round -II

1. Each team will have to write answer of 10 questions will with a time limit of 5 minutes (No multiple choice questions)
2. Two (2) marks will awarded for each correct answer where as one (1) marks will be deducted for each wrong answer.
3. In case of tie between any two or more teams & additional 3 questions with same marking scheme will be given to the teams in questions & a final selection will be made.

Round -III (visual round)

1. Question will be projected on the screen & team getting 5 questions.
2. 10 marks will be awarded for the each correct answer whereas wrong answer will lead to a deduction of 5 marks each.
3. Answering time is limited to 30 seconds per question.
4. No passing is allowed to the next team. Audience can answer subjected to quiz master's request.
5. Top 2 teams would be selected as Winner & Runner-up.
6. In case of tie between any two or more teams, & additional 1 question with same marking scheme will be given to the teams in questions & a final selection will be made.

Outcomes of Quiz Competition:

1. Quizzes improve or expanding one's knowledge of things, either general or in specific area

2. Quizzes are designed to promote, a fun way to study and in the process help improve one's

Technical knowledge

3. Quiz competitions enables students to think from different angles or simply 'to think out of

the box'

4. It promotes a healthy debate amongst participants in order to learn from each other

5. Aiding in language development with the questions based in the language alone

6. Aiding in the team building process

7. Being fun to participate in but with a competitive element

8. Provoking discussion and healthy debate amongst participating players / teams

Winners

Position	Name/s of Participant	Name of College
Winner	i) Ranaware Akshay Mahadev ii) Kadam Dhananjay Rajendra	PES's College of Engg. Phaltan
Runner up	i) Beldar Aniket ii) Zimal Vaibhav	PES's College of Engg. Phaltan

Department of Mechanical Engineering (Diploma)

Kurukshetra (Tech-fest) 2018 Event Report (Diploma Mech.)

Name of Events	1. **Water Rocket Launcher** 2. **CAD War (2D)** 3. **Robo-War (Diploma)** 4. **Technical Poster Presentation**	
No. Of Participant	1. Water Rocket Launcher- 2. CAD War (2D)- 3. Robo-War (Diploma) 4. Tech. Poster Presentation	**57** **23** **57** **60**
Participant from other Colleges	1. Water Rocket Launcher- 2. CAD War (2D)- 3. Robo-War (Diploma) 4. Tech. Poster Presentation	**01** **00** **05** **00**
Participant from PES COEP	1. Water Rocket Launcher- 2. CAD War (2D)- 3. Robo-War (Diploma) 4. Tech. Poster Presentation	**56** **23** **52** **60**

Winners:

Sr.	Event	Winners	Name	Collage Name
01.	**Water Rocket Launcher**	RUNNER UP	Katkar Prathmesh Jyotiram	PES's COE, Phaltan
			Shinde Ketan Sambhaji	PES's COE, Phaltan
		WINNER	Borate Saurabh Hanmant	PES's COE, Phaltan
			Abhang Shubham Balaso	PES's COE, Phaltan
02.	**CAD War (2D Modeling)**	RUNNER UP	Ahiwale Shweta Chandrakant	PES's COE, Phaltan
		WINNER	Mane Ankita Ramdas	PES's COE, Phaltan
03.	**Technical**	RUNNER UP	Bankar Snehal Uttam	PES's COE, Phaltan

	Poster Presentation		Beldar Snehal Somnath	PES's COE, Phaltan	
		WINNER	Shinde Shweta Ramesh	PES's COE, Phaltan	
			Thorat Rohini Sadashiv	PES's COE, Phaltan	
04.	**Robo-War (Diploma)**	RUNNER UP	Saste Ashish	PES's COE, Phaltan	
			Phadtare Ajinkya		
			Jadhav Avinash		
			Faras Ayyaj		
		WINNER	Saste Swapnil	PES's COE, Phaltan	
			Kadam Prasad		
			Phalke Shridhar		
			Saste Abhishek		

Description:

➢ Inauguration of water rocket launcher, technical poster presentation, CAD war (2D) & Robo-race has done by cutting ribbon from Hon. Sanjeevraje Naik-Nimbalkar & all H.O.D.'s of COE, Phaltan.

➢ Student coordinators welcomes all guest and participants and they were also gave introduction of judges.

➢ Staff coordinators were felicitate respective judges with flower.

➢ Then student coordinators told to the entire participant about rules, regulations and purpose of arranging this particular competition.

➢ Then we conduct various rounds of all events of the entire participants.

➢ After completion of all events, then judges declared the results to respective coordinator.

➢ Then student coordinators gave votes of thank to judges for judging the event.

➢ Then coordinators announced result of respective event on the basis of evaluation done by judge.

➢ Lastly on the behalf of PES's College of engineering, Phaltan Prof. Ranaware A.A. felicitate all judges with Memento.

CO/PO Achieved:

1. PO4 (Engineering tools): Apply relevant mechanical technologies and tools with an understandings of the limitations.
2. PO8 (Individual and team work): In this event students functioned in team effectively to complete the task given in the competition.
3. PEO2: Adopt state-of-the-art Mechanical engineering broad-based technologies to work in multi-disciplinary work environment.
4. PSO2 (Equipment and Instruments): Maintain equipment and instruments related to Mechanical Engineering.
5. PSO1 (Modern software usage): Used Autocad 2015 software for conducting the CAD-WAR event.

EVENT NAME: CAD WAR – 2D

Name of Event	CAD WAR – 2D Modelling
No. Of Participant	**23**
Participant from other Colleges	**0**
Participant from PES COE, Phaltan	**23**
Name of Judge **(with Qualification and Experience)**	**Prof. Thombare G.V. (M.E. Design) – Five Years' Experience**

Rules:

A) Round -1-

Generating 2D Drawing

Time – 30 minutes.

Rules –

1. This is a hand on round on 2D drawing software.
2. Problem statement consisting of orthographic view.
3. Result based on accuracy and speed.
4. Some Questions will be asked based on modelling.

B) Round-2-

Generating 2D Drawing

Time – 45 min.

Rules-

1. New Isometric view will be given and winner will be decided based on the same rule as earlier.

C) The judges' decisions are final.

Inauguration of CAD WAR (2D) event

Description:

➢ Inauguration of CAD war (2D) by cutting ribbon from Prof. Ingale P. D. sir.
➢ Then Harshad told to the entire participant about rules and purpose of arranging CAD WAR 2D competition.
➢ Then we conduct two rounds of CAD war of the entire participant.
➢ After completion of all rounds Prof. Thombare G.V. declared result of this event.
➢ Then Harshad gave votes of thank to Prof. Thombare G.V. for judging the event.
➢ Next Prof. Bankar M. D. announced result of CAD- War (2D) on the basis of evaluation done by Prof. Thombare G.V.

CO/PO Achieved:

1. PO8 (Individual and team work): In this event students functioned individually and effectively to complete the task given in the competition.

2. PEO2: Adopt state of the art Mechanical engineering broad-based technologies to work in multi-disciplinary work environment.

3. PSO1 (Modern software usage): Used Autocad 2015 software for conducting the CAD-WAR event.

WINNERS

Position	Name/s of Participant	Name of College
Winner	Mane Ankita Ramdas	PES's COE, Phaltan
Runner up	Ahiwale Shweta Chandrakant	PES's COE, Phaltan

EVENT NAME: Robo-war

Name of Event	Robo-War
No. of Participant	57
Participant from other Colleges	05
Participant from PES COEP	52
Name of Judge (with Qualification and Experience)	-------No Judge------

Specification:-

1. Max. Dimensions : L×B×H=30×25×25cm
2. Max. Ground Clearance : 2.5cm
3. Max. Weight : 8 Kg
4. Max. Supply Voltage: 12V DC (will be provided by us)

Rules:

1. Max. Participant: **4 nos.**
2. Reg. Fee : Rs. **200/- per group**

Your robot should complete the war with following conditions:

1. Every lay down will add +10 points in opponent team.
2. Team should be responsible for damage of robot.
3. The team of which robot will damage then opponent team will be winner.
4. Robot should not beyond the boundary limit.
5. Robot should not damage the competition area. Otherwise it will leads to disqualification.
6. Any kind of error in the robot will also lead to disqualified.

** Rules are subjected to change according to circumstances.

** COE, Phaltan reserve the rights to change the rule.

Moment captured during Robo fight

Moment captured during event

Description:

➢ Inauguration of Robo- War (Diploma) by cutting ribbon from Hon. Sanjeevraje Naik-Nimbalkar

➢ Shahrukh welcomes all guest and participants and he also gave introduction regarding event.

➢ Then Faras told to the entire participant about rules and purpose of arranging robo-war competition.

➢ To provide excellent platform for student to enhance their technical capabilities.

➢ Then we conducted rounds for robo-War of the entire participant.

➢ After completion of Robo-War, Prof. Jadhav A. H. gave result to student coordinator.

➢ Then Sachin gave votes of thanks to all participate for their participation.

➢ Next Shahrukh announced result of robo-war on the basis of evaluation done by Prof. Jadhav A. H.

CO/PO Achieved:

6. PO4 (Engineering tools): Apply relevant mechanical technologies and tools with an understandings of the limitations.

7. PO8 (Individual and team work): In this event students functioned in team effectively to complete the task given in the competition.

8. PEO2: Adopt state-of-the-art Mechanical engineering broad-based technologies to work in multi-disciplinary work environment.

9. PSO2 (Equipment and Instruments): Maintain equipment and instruments related to Mechanical Engineering.

Winners

Position	Name/s of Participant	Name of College
Winner	1. Saste Swapnil 2. Kadam Prasad 3. Phalke Shridhar 4. Saste Abhishek	PES's COE, Phaltan
Runner up	1. Saste Ashish 2. Phadtare Ajinkya 3. Jadhav Avinash 4. Faras Ayyaj	PES's COE, Phaltan

EVENT NAME: TECHNICAL POSTER PRESENTATION

Name of Event	TECHNICAL POSTER PRESENTATION
No. Of Participant	60
Participant from other Colleges	00
Participant from PES COEP	60
Name of Judge (with Qualification and Experience)	Mr. Gadekar T. D. (ME Design Engg.) 5 Years' Experience.

Rules:

1.Maximum Participants-2

2.Size of Paper-A2

Description: Technical Poster Presentation provides a platform for student to present their ideas in front of number of students and also teachers. This event encourages to students to do something by sharing the knowledge by means of posters. So this event was conducted in Kurukshetra-2k18.

CO/PO Achieved:

1. PO1-Basic Knowledge

2. PO9-Communication

Winners

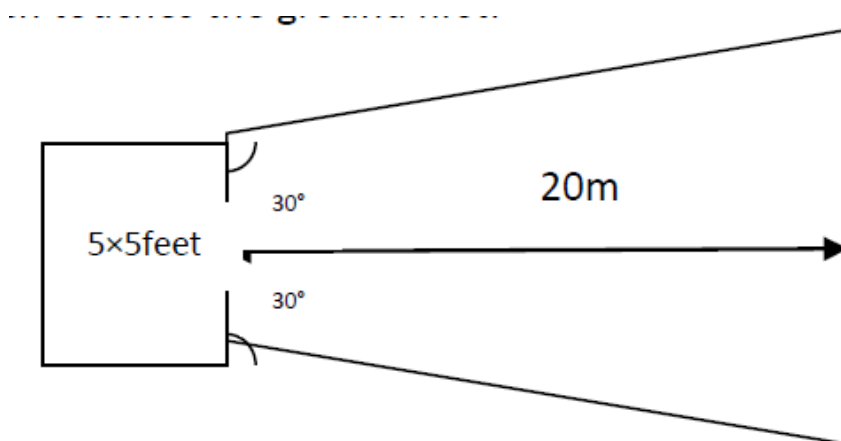| Position	Name/s of Participant	Name of College
Winner	SHINDE SHWETA THORAT ROHINI	COE,PHALTAN
Runner up	BANKAR SNEHAL BELDAR SNEHAL	COE,PHALTAN

EVENT NAME: Water Rocket Launcher

Name of Event	Water Rocket Launcher
No. Of Participant	29
Participant from other Colleges	1
Participant from PES COEP	28
Name of Judge (with Qualification and Experience)	Mr. Lonkar V. S. (M. Tech. Mfg. Engg.) 2 Years' Experience

Rules:

ROUND 1:

We should be providing you with firing zone as shown in figure. Inside that a 5 feet square block for

Launcher will be given at Centre & from that square block an angle restriction of 30° will be on both side. So, your rocket must pass the qualifying line that is 20 meter from the launcher or else will be disqualified from the event. And there are no points for the qualifying round. Distance is measured from portion of rocket which touches the ground first.

ROUND 2: -

For this round, there is no angle restriction. So, from center of line rocket will launch and points are 1Meter = 5 Points. Your rocket should fly in determined area

ROUND 3: -

In this round load, should attached on the body of rocket (weight attached should be in the range of 50,100,150…gms).

Total points = Point from Second round + (Points from Third round *Load Factor)

Where,

Load factor = Weight of rocket with load / Weight of rocket without load
(Maximum load applied leads to maximum load factor)

A) Rocket Launcher Equipment:

➢ Competitors bring their own rockets, launchers and team. Organizers provide no equipment
➢ All energy given to the rocket must only come from the compressed air. No other source of energy is allowed. You will get *compressor on spot.*
➢ No external metal parts are allowed on the rocket, but are allowed on the launch mechanism.
➢ You are only allowed to use plastic bottles/PVC pipes specifically designed for holding pressure, or that have been pressure tested (for example carbonated drink bottles). Please do not re-use bottles from previous competitions as they are likely to explode.
➢ Your launch apparatus must be secure and must be able to robustly control the rocket's flight direction.
➢ Particular care must be taken so that the rocket's launch direction is not changed when the launch mechanism is released. Launches guided by flexible wire ropes will not be allowed.
➢ You will need a launcher capable of launching a rocket at a variable vertical angle of up to 60˚ to the horizontal. The maximum launch angle will be decided on the day. You may launch at angles less than the maximum.
➢ If your rocket has fixed wings then a maximum variable launch angle of 30˚ to the horizontal is allowed. The maximum launch angle will be decided on the day.

D) On the Competition Day

➢ No fewer than 6 are allowed in the launch arena.
➢ When you arrive, and have checked in at the registration tent, your launch apparatus and all rockets will be safety checked. Judges can disqualify any equipment considered unsafe.
➢ You must use all safety equipment provided on the day (eyewear and earplugs).
➢ There will be three rounds. Scores from each will be added together to give a total score. You may bring more than three rockets, but only the first rocket launched, which will be labeled on the day, each round will count towards your total score.
➢ Listen & follow the details given on the day of event. When you are ready to launch, alert the volunteers and they will tell you if it is safe and will time your flight. If you cannot fire within the time allocated for the round, your score for that round will be zero.
➢ Your team will be assigned a volunteer who will inform you the correct launching elevation angle and indicate permissible directions of flight. As soon as your rocket leaves the launcher the volunteer will start the stopwatch, and will stop the watch when the labeled part of the rocket touches the ground, a tree, a building or goes out of sight. You will not be disqualified if small parts of the rocket come off and land early inside or outside the landing zone, but it will be at the volunteer's discretion to decide which is the largest part of the rocket.
➢ Rockets shall be launched from the firing line towards the landing zone. For your safety please do not walk into this area unless it has been announced that it is safe to do so.
➢ Bring along more than one rocket, and/or means of carrying out running repairs – you may have to repair rockets between rounds if necessary.

Inauguration of water rocket launcher in front of Hon. Guest of Kurukshetra 2k18

Description:

- ➢ Inauguration of water rocket launcher by cutting ribbon from manager Mr. Bhojraj Naik Nimbalkar, Phaltan.
- ➢ Manali Pawar gave welcome speech and he also gave introductory speech regarding event
- ➢ Prof. D. J. Sangale explains purpose and aim of this event.
- ➢ Then Varad Joshi told to the entire participant about rules of water rocket launcher competition.
- ➢ To provide excellent platform for student to enhance their technical capabilities.
- ➢ Then we conduct water rocket launcher competition among the entire participant.
- ➢ Then Ganesh Pawar gave votes of thank to Prof. Lonkar V.S. for judging the event.
- ➢ Next Prof. D. J. Sangale announced result of water rocket launcher on the basis of evaluation done by Prof Lonkar V.S.
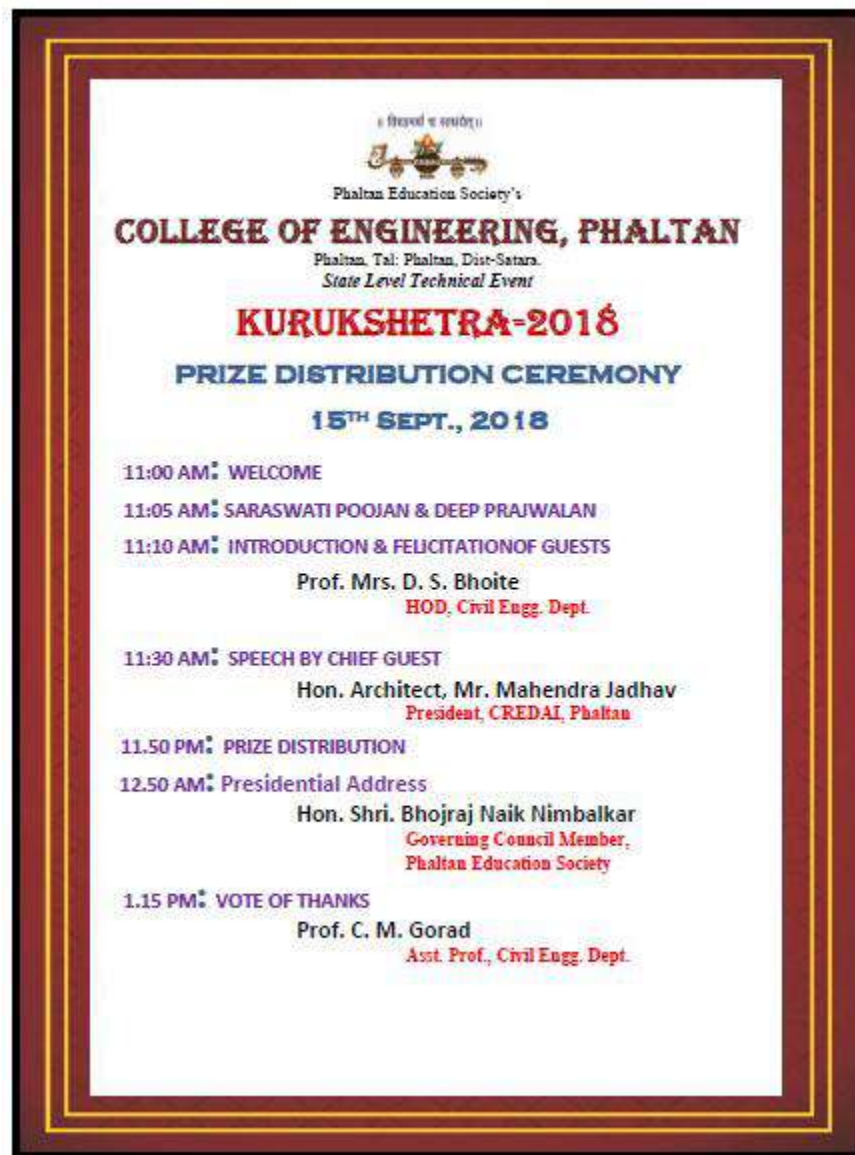
CO/PO Achieved:

1. To understand Practical knowledge about Pneumatic and Hydraulic System.
2. To Understand Pascal Law by Practically.

WINNERS

Position	Name/s of Participant	Name of College
Winner	Borate Saurabh Abhang Shubham	PES's COE, Phaltan
Runner up	Katkar Prathmesh Shinde Ketan	PES's COE, Phaltan

PRIZE DISTRIBUTION CEREMONY PROGRAM DETAIL SCHEDULE

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Phaltan Education Society's

COLLEGE OF ENGINEERING, PHALTAN
Phaltan, Tal: Phaltan, Dist-Satara.
State Level Technical Event

KURUKSHETRA-2018

PRIZE DISTRIBUTION CEREMONY

15TH SEPT., 2018

11:00 AM: WELCOME

11:05 AM: SARASWATI POOJAN & DEEP PRAJWALAN

11:10 AM: INTRODUCTION & FELICITATIONOF GUESTS

Prof. Mrs. D. S. Bhoite
HOD, Civil Engg. Dept.

11:30 AM: SPEECH BY CHIEF GUEST

Hon. Architect, Mr. Mahendra Jadhav
President, CREDAI, Phaltan

11.50 PM: PRIZE DISTRIBUTION

12.50 AM: Presidential Address

Hon. Shri. Bhojraj Naik Nimbalkar
Governing Council Member,
Phaltan Education Society

1.15 PM: VOTE OF THANKS

Prof. C. M. Gorad
Asst. Prof., Civil Engg. Dept.

PRIZE DISTRIBUTION CEREMONY

CHIEF GUEST

Hon. Architect, Mr. Mahendra Jadhav
President, CREDAI, Phaltan

College of Engineering, Phaltan

Certificate

kurukshetra ←↑ 2k18

The Battle Of Brain......

This certificate is proudly presented to

Mr./Miss._____for his/her

participation in _____ competition organised by

_____ Engineering Department under State level

Technical Event "Kurukshetra 2018" held on 14th & 15th Sept.2018 &

awarded _____ prize

Event Co-ordinator   Co-convener   Convener   Principal

Prof. S. A. Jagtap

Convener
Kurukshetra 2018
State Level Technical Event