



MESA-MESC Activities



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1	2016-2017	<ul style="list-style-type: none"> • WORKSHOP ON IC ENGINE • VERTEX 2K16 • PARENTS TEACHERS MEET 2017 	2-3
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3	2018-2019	<ul style="list-style-type: none"> • WEEKLY CLUB SERVICES • VERTEX 2K18 • ALUMNI MEET • NOVELS 2K19 	6-7
4	2019-2020	<ul style="list-style-type: none"> • WEEKLY CLUB SERVICES • VERTEX 2K19 • MATLAB NATIONAL LEVEL WORKSHOP • ALUMNI MEET 	8-9
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2016-17

1. WORKSHOP ON IC ENGINE & AUTOMOBILE SYSTEMS

MESA-MESC (Mechanical Engineering Students' Association – Mechanical Engineering Students' Chapter) is one of the leading technical clubs of WCE, Sangli which organized Two days' workshop on IC engine & Automobile Systems on the 8th and 9th October 2016.

The sessions included in the workshop was conducted by Mr Harshal Pandey, Design Engineer & Trainer from Robokart, IITB, e-cell. In the session, students were introduced to the basic concepts of the IC engine. After a lunch break, there was a hands-on session by Prof. Mr Mahesh Joshi for 1st year & 2nd-year students and on the other side, 3rd year & 4th-year students were introduced to the performance curve of the IC engine. Later the batches were interchanged.

2. VERTEX 2K16

VERTEX 2016 comprised of 7 main events:-

1. **TREBUCHET**
[Construct a catapult with a proper triggering mechanism that will hit the targets placed within the ranges.]
2. **CADEPTIA**
[Draw a given machine component by using AutoCAD and CATIA as per problem statement]
3. **PREZENTO**
[Presenting scientific/technical solutions on social issues]
4. **INTELLECT**
[A general Aptitude test] TECH-BLAZE [A contest to check technical knowledge and its application]
5. **CRAFTECH**
[A contest to developing simple mechanism based on given problems]
6. **LATHELFIELD**
[Prepare a job of specific dimension from given material on lathe]

The event was inaugurated on 15th October 2016 at 9:30 am. Prof. Dr U. A. Dabade, Head of the Department of Mechanical Engineering was the Chief Guest for the inauguration ceremony. The mega event spanned over the 15th and 16th of October.

Total Participants: 130(aggregate of all events)

WALCHAND COLLEGE OF ENGINEERING, SANGLI
(AN AUTONOMOUS INSTITUTE)
DEPARTMENT OF MECHANICAL ENGINEERING
MESA-MESC
(MECHANICAL ENGINEERING STUDENTS' ASSOCIATION
MECHANICAL ENGINEERING STUDENTS' CHAPTER)

15th & 16th October

2016
VERTEX
EXPLORING INTELLIGENCE...
(UNDER LEAD COLLEGE SCHEME)
A STATE LEVEL TECHNICAL SYMPOSIUM

MANY MORE ON THE SPOT GAMES

CRAFTECH
Mechanism Assembly
Use your creativity to craft solution
Max. 2 participants per team
Subject: 9430655711

CADEPTIA
Plan Towards Perfection
2D & 3D modeling competition using AutoCAD, CATIA V5
Max. 1 participant
Mobile: 9130317133

PREZENTO
Amplify Your Ideas
Present Innovative Technical solution
Max. 3 participants per team
Mobile: 9130172342

INTELLECT
Explorer Of Brilliance
General Quiz Competition
Max. 2 participants per team
Phone: 9405480459

TREBUCHET
Destroy Is Survivor
Build a catapult to hit the target
Max. 3 participants per team
Address: 9260011114

TECH-BLAZE
Ignite The T.E.C.T.
Technical Quiz Competition
Max. 3 participants per team
Phone: 9405480459

LATHELFIELD
Embark In World Of Skill
A lathe workmanship competition
Max. 1 participant
Phone: 9405480459

PRIZES WORTH- ₹40,000

Dr. C. V. Parbotee
Director,
WCE, Sangli

Dr. B. G. Patil
Dean (Students' Welfare),
WCE, Sangli

Dr. U. A. Dabade
HOD, Mechanical Dept.,
WCE, Sangli

Mr. J. M. Dabde
Staff Advisor,
MESA-MESC

Miss. Madhuri T. Dabde
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SPONSORED BY:

UMED GROUP, SP, MONARK STEEL, BRIGHT PRODUCTS, cif, and others.

www.wcemesa-mesc.org

3. PARENT-TEACHER MEET

Parent-teacher meeting was held on 10th March 2017 in the seminar hall of the mechanical department under the guidance of HOD of mechanical department Prof. Dr U. A. Dabade sir. The program was organised by MESA-MESC. Moto of the program was an interaction of parents with teachers. Presentation regarding student activities was given by Madhavi Uttekar, Suvidya Mane and Rohit Bhosale. Madhavi and Suvidya explained about the extracurricular activities done by students like Efficycle, Efficar, E-BAJA, Gocart and Robocon etc. while Rohit explained departmental club “MESA-MESC(Mechanical Engineering Students association- Mechanical Engineering Students Chapter)” and different activities held by a club like a Vertex(A State Level Technical Symposium), Novels(for the first-year welcome event), Weekly club service etc. Parents were interested to know about the extra-curricular activities done by the student. Some of them asked questions regarding their confusion about handling study and other activities side by side. Some of the parents also asked about the health issues and how those issues were handled in college.



2017-18

1) ROBO- EXPEDITION EVENT:

A robo-expedition event was conducted by MESA-MESC on 30th September, 2017 and 1st October, 2017. This event was conducted in Electronics Engineering department in Micro-controller lab.



2. *Vertex 2017*

a) Lathemaster



b) Crafrade



c) Cadvengers



2018-19

1. VERTEX 2K18:-

The mega event VERTEX 2018 was organised by MESA-MESC and the Department of Mechanical Engineering on the 27th & 28th of October, 2018. It is due to the dynamic support of the department, students that we could carry out The State Level Technical Symposium, "VERTEX" successfully.

VERTEX 2018 comprised of 7 main events:

1. **LATHEMASTER** [Participants have to prepare a job of specified design from given raw material on a lathe machine in stipulated time.]
2. **CADVENGERS** [Participant has to draw given machine components in AutoCAD or CATIA as per following specifications.]
3. **PREZENTO** [Presenting scientific/technical solutions on given issues]
4. **INTELLECT** [A general Aptitude test]
5. **TECHFIELD** [A contest to check technical knowledge and its application]
6. **ARITHMETIC** [Prepare a job of specific dimension form given the material on lathe]
7. **CRAFTRADE** [A competition to apply spatial sense, knowledge of graphics and skills to make and sell] marketing

The event was inaugurated by the chief guest. Prof. Dr U. A. Dabade, Head of the Department of Mechanical Engineering.

TOTAL PARTICIPANTS -160(aggregate for all events)

Alumni Meet:-

The alumni meet was conducted on the 12th of January. More than 50 alumni were present for this meet. This event was coordinated by MESA-MESC This event was organized for the interaction of students with our alumni. This event helped the student to get acknowledged with the scenarios happening in industries.

NOVELS 2k19:-



“CONVEGNO”, NOVELS-2K19 was organized by MESA-MESC on the 20th and 21st of April 2019. NOVELS-2K19 consisted of a paper presentation competition and various other events and games for First-year Mechanical Engineering students for their personality development. The Assistant Board of MESA-MESC i.e. Second Year Mechanical Engineering students organised NOVELS-2K19. This event was held especially for First-year Mechanical engineering students to help them realize the importance of teamwork, to learn some management skills and to bond with each other.

The piece of gratitude will be given to all the judges and the editorials will be distributed among the F.E.s. Then there will be experience sharing by all the mechanical engineering students. The 2nd day will end with the celebration of the success of novels.



2019-20

1. VERTEX 2K19

The mega event VERTEX 2019 was organised by MESA-MESC and the Department of Mechanical Engineering in October 2019. It is due to the dynamic support of the department, students that we could carry out The State Level Technical Symposium, “VERTEX” successfully.

VERTEX 2K19 consisted of the following events-

- **LATHEMASTER** [Participants have to prepare a job of specified design from given raw material on a lathe machine in stipulated time.]
- **CADVENGERS** [Participant has to draw given machine components in AutoCAD or CATIA as per following specifications.]
- **INGENIOUS** [Activities and competitions that allowed students to give an innovative solution to problems of society]
- **CATAWARS** [This event is designed to apply the basic laws of mechanics to design a catapult]
- **PREZENTO** [Presenting scientific/technical solutions on given issues]
- **TECHNOBUZZ** [Examine and improve the technical knowledge of the participants through various tests]
- **INTELLECT** [A general Aptitude test]

2. MATLAB NATIONAL LEVEL WORKSHOP

A two-day National level workshop on MATLAB software was held on 5th and 6th October 2019 from 10:00 am to 5:30 pm in the Central Computing facility of Walchand College of Engineering, Sangli in collaboration with TECHNIC & IIT BHU VARANASI under TEQIP III. The workshop was coordinated by MESA-MESC and delivered by Mr Srikanth Goli Sir.

The content of the workshop was as follows –

- Introduction of MATLAB.
- Application of MATLAB in various Engineering Branches.
- Fundamentals of MATLAB Programing.
- Arithmetic Function of MATLAB.
- Various MATLAB Function & tools
- User Defined Function.
- Application & Demos





Alumni Meet:-

To guide the present students in their endeavour for better employment and higher studies, an Alumni meet is organized every year by MESA-MESC under the guidance of Mechanical. This year, the Alumni meet of batch 1995 was organised on the 11th of January 2020 at Tilak hall of Walchand College of Engineering Sangli. More than 40 Alumni visited the College and 150 students attended the interaction. The Alumni were given a warm welcome. A brief introduction of the Department and recent achievements were displayed. To get the valuable advice of the Alumni in the overall development of the college and to utilize the valuable experience of their long journey, an interactive session between the students and the Alumni was conducted. Some of the Alumni shared their memories and guided the students for a better future. Lastly, a departmental tour was organised to the Boiler section and the Learning Lab.



2020-21

I. INTERACTIVE SESSIONS BY ALUMNI AND INDUSTRY EXPERTS:

MESA MESC in association with various clubs and under the guidance of the mechanical department of engineering, Walchand College of engineering conducted various guest sessions from alumni from the mechanical department. These sessions were open to all students of the mechanical engineering department and provided an opportunity for students to understand the industrial atmosphere and have their career-related queries, answered by a few of the key position holders from the field. The sessions were attended by a healthy amount of students, averaging 70 throughout every session. These meets were conducted on Sundays/Saturdays on various online meeting platforms.

Sr. No.	Speaker	Details	Topics	Date
1	Mr Dhairyasheel Gaekwad	Deputy General Manager at TATA Motors Walchand Alumnus(2005-2009)	Insight about industries and interaction with students	08/11/2020
2	Mr Amit Phatak	Senior Associate at GenNx360 India Advisors PVT Ltd	Insight about industries and interaction with students	08/11/2020
3	Mr Aniruddha Kulkarni	Engineering manager at Eaton Technologies Pvt. Ltd.	Industry institute interaction	6/12/2020
4	Ms Shweta Patil	Workforce Analytics manager at Eaton Pvt. Ltd	Industry institute interaction	6/12/2020
5	Mr S.M.Kulkarni	Founder Insta Group, Pune Walchand Alumnus(1978 mech)	Challenge and opportunities in supply chain management	30/05/2021
6	Mr K.D.Utpat	Application expert in operation and distribution management supply chain logistics and finance.	Career opportunities in industrial engineering and quality management	6/06/2021

VERTEX 2021

The mega event VERTEX 2021 was organised by MESA-MESC and the Department of Mechanical Engineering in October 2021. It is due to the dynamic support of the department, students that we could carry out The State Level Technical Symposium, “VERTEX” successfully.

VERTEX 2021 consisted of the following events-

- **ELECTUS** [Activities and competitions that allowed students to give an innovative solution to problems of society.]
- **TECHNOBUZZ** [Examine and improve the technical knowledge of the participants through various tests]
- **ASTRIA** [Based on satellite and space research to increase the thinking ability and knowledge]
- **CADVENGERS** [Participant has to draw given machine components in AutoCAD or CATIA as per following specifications.]
- **PREZENTO** [Presenting scientific/technical solutions on given issues]
- **ENTREVISTA** [Event was designed with a perspective that students will get acquainted with the general requirement processes employed by various companies.]



Walchand College of Engineering, Sangli
(An Autonomous Institute)

Mechanical Engineering Students' Association Mechanical Engineering Students' Chapter

VERTEX '21

Discovering Talent Exploring Intelligence...
A STATE LEVEL TECHNICAL SYMPOSIUM

PRIZES WORTH RS. 7000/-

27th & 28th MARCH
9:00 am onwards

Payment Details :  **Akshada Karade (8275181535)**

For Registration and more details visit : <https://bit.ly/vertex21>

Event	Entry Fees	Max Participants	Contact
CADVENGERS	Rs. 40	1	Mukul : 9665034072 Charwak : 8888239780
PRESENTATIO	Rs. 30 (solo) Rs. 50 (pair)	2	Swaroop : 9021907177 Samrudhi : 8007759812
ASTRIA	Rs. 40	1	Janhvi : 7378791125 Rohit : 8788468403
TECHNOBUZZ	Rs. 40	1	Sejal : 7083432315 Jayraj : 9730379109
ENTREVISTA	Rs. 40	1	Mandar : 7741006769 Archoet : 8380091517
ELECTUS	Rs. 40	1	Anand : 9822975712 Akshada : 8329207051

Director Dr. P. H. Sawant	Dean Prof. A. R. Surve	HOD Mechanical Dr. K. H. Inamdar	Staff Coordinator Prof. P. A. Mane	President Mr. Swaroop Sawant	Vice President Ms. Janhvi Harne
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II. Expert Lecture

Sr. No.	Expert	Topic	Date
1	Mr. D. B. Kulkarni Elected as FIE by Institute of Engineers, Kolkata in 2014, registered as expert designer with NID, Ahmadabad	Geometrical dimensioning & Tolerance Basic and advanced including tolerance stack up	18,23,25,30 June2021 And 02 July2021
2	Dr. N. S. Dharmadhikari Renowned Educationist, Pune, Member of NAAC committee, Member of UGC committee	"GURU VANDANA" Teachers Day function	04/09/2021
3.	Dr. Aniket P. Kulkarni Research associate, the university of Manchester, former research fellow Brunel university London	Advanced laser-based diagnostics of atomization and sprays	18/09/2021