



Vidya Prasarak Mandal's  
**Maharshi Parshuram College of Engineering, Velneswar**  
At: Velneswar, Hedvi-Guhagar road, Taluka: Guhagar,  
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## **CRITERION 6 – Governance, Leadership and Management**

### **Key Indicator -6.3 Faculty Empowerment Strategies**

**6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years**

<b>Sr.No</b>	<b>Metric. No</b>	<b>Document Details</b>	<b>Academic Year</b>
1	6.3.3	Journal Club	2017-18
2		Soft Skills Training for Faculties by Eknoway , Mumbai	

## **Department of EXTC : Journal Club 2017-18**

<b>Sr. No</b>	<b>Date</b>	<b>Time</b>	<b>Name of faculty</b>	<b>Topic, Journal details</b>
1	24/11/2017	10:00am	Mr. Prashant Mahajan	HPC system for wireless Interconnect(ME Project)_
2	25/11/2017	10:00am	Mr. Atul Samant	Object Recognition & Presence Detector, Simulation using Lab view (International Journal of Management & Applied Science)
3	27/11/2017	3:00pm	Mr. Sandeep Dwivedi	Artificial Intelligence and Human Thinking
4	28/11/2017	10:30am	Mr. Vinod Salunkhe	Light intensity control system using Android application
5	29/11/2017	11:00am	Ms. Bhakti Gangan	Lossless Compression of JPEG photo Collection (IEEE Transaction on Image processing)
6	30/11/2017	11:00am	Mr. Prathamesh Ghanekar	Neural Network Approach for Pattern Recognition(IJSER June 2012)
7	1/12/2017	10:00am	Mr. Gajanan Khapre	Automatic cursor movement with eye gaze tracking( IEEE Trans.on Human Machine System)
8	4/12/2017	3:00pm	Mr. Sushil Sirsat	Secure key management scheme for WSN(Indian Journal of mobile Communication & Networking, Vol.6 No.2 )
9	6/12/2017	10:30am	Mr. Deepak Dange	Computer vision enhancement & Plant leaf disease detection (International Journal Modern Technology & Research)
10	9/12/2017	10:00am	Mr. Prashant Mahajan	High Linearity & high gain folded cascade amplifier for narrow band

				receiver application (Microelectronics Elsewhere, 2016)
11	23/12/2017	11:30am	Mr. Prathamesh Ghanekar	Automatic modulation classification for cognitive Radio(IEEE Circuits & systems Magazine, Second quarter2009)
12	13/01/2018	10:00am	Mr. Atul Samant	Remote Monitoring probe with MIB & MDB (IOP conference series, Material Science & Engineering)
13	27/01/2018	3:00pm	Mr. Sufiyan Mukadam	Performance improvement in wireless sensor network system(Indian Journal of mobile Communication & Networking, Vol.6 No.1)
14	10/02/2018	10:00am	Mr. Sandeep Dwivedi	Robotics and Intelligent Systems in Support of Society
15	24/02/2018	3:00pm	Mr. Gajanan Khapre	Digital Nervous System(Digital Commons @University of Nebraska)
16	10/03/2018	10:30am	Mr. Deepak Dange	Comparative analysis of filters in image processing(International Journal of Signal Processing, Image Processing, Pattern Recognition)
17	24/03/2018	3:00pm	Mr. Vinod Salunkhe	Speech Recognition using image processing
18	7/04/2018	2:30pm	Ms. Bhakti Gangan	Probabilistic Neural Network for Brain Tumor Classification (second International Conference on Intelligent systems, Modeling & simulations)
19	5/05/2018	10:00am	Mr. Sufiyan Mukadam	Design of Power Optimization using C2H (International Journal of Computer science & mobile

				Computing)
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## Journal Club Meeting

Date: 24/02/2018

Time: 3:00 pm

Topic: Digital Nervous System.

Speaker: Dr. Gajanan Khapre

Present members:-

① Mr. Sufiyan Mukadam.

② Mr. Sushil Siroat

③ Mr. Prathamesh Ghanekar.

④ Mr. Vinod Salunkhe

⑤ Mr. Atul Samant

⑥ Mr. Deepak Dange

⑦ Mr. Prashant Mahajan.

⑧ Ms. Bhakti Gangan.

### Points

① Literature Review of DNS

② Research Design and methodology

③ Project description and Data collection

④ Data analysis and Result discussion

⑤ Conclusion and Recommendation

## Journal Club Meeting

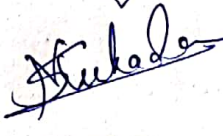
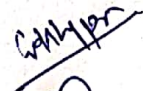

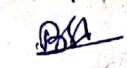
Date: 10/02/2018

Time: 10:00 am

Topic: Robotics & Intelligent System in Support of Society.

Speaker: Mr. Sandeep Dwivedi

Present members:-

- ① Mr. Sufiyon Makdam. 
- ② Mr. Gajanan Khapre. 
- ③ Mr. Prashant Mahajan. 
- ④ Ms. Bhakti Gangan. 

- ① Robotics is the humanless system working by helping to society.
- ② Neural Network & robotics includes the intelligent system.
- ③ Combining the robotics & intelligent system, we can design multiple application in different areas like, agricultural, Defence medical, and many more.

## Journal Club Meeting

Date: 10/03/2018

Time: 10:30 am

Topic: Comparative Analysis of filters in IP.

Speaker: Mr. Deepak Denge,

*Deepak*

Present members:-

- ① Mr. Sufiyan Mukaddam
- ② Mr. Sandeep Dwivedi
- ③ Mr. Sushil Sirsat
- ④ Mr. Pauthamesh Ghunekar
- ⑤ Mr. Gajanan Khapre
- ⑥ Mr. Prashant Mahajan
- ⑦ Mr. Atul Samant
- ⑧ Ms. Bhakti Gengen.

*(Handwritten initials and marks next to the list of members)*

- ① Different types of filters used in image processing.
- ② Best filters for image to get best results
- ③ Particular filters are used for particular application.
- ④ Average filter, mean filter etc are different filters used in image processing.

## Journal Club Meeting

Date: 24/03/2018

Time: 3:00 pm.

Topic: Speech Recognition using Image Processing.

Speaker: Mr. Vinod Salunkhe.

Present members:-

- 1) Mr. Sufyan Mukadam
- 2) Mr. Deepak Donge
- 3) Mr. Sandeep Dwivedi
- 4) Mr. Sushil Sissat
- 5) Mr. Pruthamesh Ghankar.
- 6) Mr. Arjunon Khapre
- 7) Mr. Prashant Mahajan.
- 8) Mr. Atul Samant
- 9) Ms. Bhakti Gangan.

- 1) Matlab implementation.
- 2) Database generation regarding different sign languages.
- 3) Speech recognition methods
- 4) Segmentation & extraction from image.



## Journal Club Meeting

Date: 23/12/2017

Time: 11:30 am

Topic: AMC in Cognitive Radio.

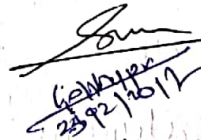
Speaker: Mr. Prathamesh Ghanekar.

PPrathamesh  
23/12/17

Present members:-

- 1) Dr. A.M. Chinchalkar.
- 2) Dr. Shilpa Desoukhakar.
- 3) Mr. Subhyan Makadam.
- 4) Mr. Gujanan Khapre
- 5) Mr. Deepak Dange
- 6) Ms. Bhakti Gungun.
- 7) Mr. Ketan Kundlik
- 8) Ms. Vinodini Selvi
- 9) Mr. Prashant Mahajan
- 10) Mr. Atul Semant.
- 11) Dr. S.V. Desoukhakar

  
23/12

  
23/12/17

















Topics discussed -

- ① Cognitive radio concept
- ② Spectrum Sensing techniques
- ③ Cyclostationarity of signals
- ④ Cyclic domain profiles of signals
- ⑤ Modulation techniques in analog domain

## Journal Club Meeting

Date: 09-12-2017

Time: 10:00 am.

Topic: High linearity & High Gain folded cascode ampl<sup>r</sup> for NB RX App<sup>n</sup>

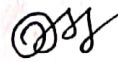
Speaker: Mr. Prashant Mahajan.

Present members:-

① Mr. Sufiyun Mukaddam



② Mr. Atul Samant



③ Mr. Vinod Salunkhe



④ Mr. Prathamesh Chhonker.



⑤ Mr. Gajanan Khepre



⑥ Mr. Prashant Mahajan



⑦ Ms. Bhakti Geungan.



Points Discussed:-

- ① Narrow Band applications
- ② Cascode amplifiers
- ③ Folded Cascode amplifiers
- ④ Implementation in ADS 2016

## Journal Club Meeting

Date: 6-12-2017

Time: 10:30am

Topic: Computer vision enhancement & plant leaf disease detect?

Speaker: Mr. Deepak Dange.

Deepak

Present members:-

① Mr. Atul Sumant

Atul

② Mr. Gajanan Khapre

Gajanan

③ Mr. Prashant Mahajan.

Prashant

④ Mr. Prathamesh Ghanekar

Prathamesh

⑤ Ms. Bhakti Gangekar.

Bhakti

- ① Matlab implementation
- ② detection of plant disease according to the images taken from field.
- ③ Enhancement of the image for better results
- ④ Segmentation & Extraction of the feature from image

## Journal Club Meeting

Date: 4-12-2017

Time: 3:00pm

Topic: Secure key Management for WSN

Speaker: Mr. Sushil Sirsat

Present members:-

① Mr. Deepak Dange

② Mr. Atul Samant

③ Mr. Gajanan Khapre

④ Mr. Prathamesh Ghonekar

⑤ Mr. Prashant Mahajan

⑥ Ms. Bhakti Gungon

About Topic :

- Wireless sensor networks uses any kind of wireless devices. Some of them are nodes and some of them are co-ordinators.
- WSN is like is network of which will connect each of node distinctly for communication.
- For such network privacy is important so we are providing the secure key to WSN which will secure the WSN. to avoid data breach.

## Journal Club Meeting

Date: 1/12/2017

Time: 10:00 am

Topic: Automatic cursor movement with eye gaze tracking.

Speaker: Mr. Gajanan Khapre. GK

Present members:-

- ① Mr. Vinod Salunkhe VS
- ② Mr. Prathamesh Ghanekar PG
- ③ Mr. Atul Samant AS
- ④ Mr. Gajanan Khapre GK
- ⑤ Mr. Prashant Mahajan PM
- ⑥ Ms. Bhakti Gengen. BG

### Points to discuss

- ① overview of conventional Eye tracking system
  - ② proposed methodology
    - ① Eye Detection
    - ② Eye tracking
    - ③ Key frame Extraction
    - ④ cursor pointing
  - ⑤ Result and Discussion
    - ① Experiment Setup.
    - ② Performance Analysis
    - ③ conclusion
- Algorithm which implement

## Journal Club Meeting

Date: 30/11/2017

Time: 11:00 am.

Topic: Neural Network Approach for Pattern Recognition.

Speaker: Mr. Prathamesh Ghanekar

Present members:-

- ① Mr. Atul Samant
- ② Mr. Vinod Salunkhe
- ③ Mr. Gajanan Khapre
- ④ Mr. Prashant Mahajan
- ⑤ Ms. Bhakti Gangan.

Topics discussed -

- ① Neural network concept
- ② MATLAB for neural network
- ③ Back propagation algorithm
- ④ Performance matrix
- ⑤ Pattern recognition

## Journal Club Meeting

Date: 25/11/2017

Time: 10:00 AM

Topic: Object recognition & presence detector simulation using LABVIEW.

Speaker: Mr. Atul Samant.

Present members:-

① Mr. Prashant Mahajan

② Mr. Sushu Bhosat

③ Ms. Bhakti Gangan.

④ Mr. Deepak Dunge

⑤ Mr. Vinod Sabunkhe

⑥ Mr. Gajanan Khapre.

⇒ The topic carries out discussion about how the LABVIEW helps to show the recognised objects and the system to do so.

National Instruments (NI) has developed this software and it is user friendly, can be used in industry where mass production is done. It is also used in automation industries.

## Journal Club Meeting

Date: 24/11/2017

Time: 10:00 AM

Topic: HPC System for wireless interconnect.

Speaker: Mr. Prashant Mahajan.

Present members:-

① Mr. Prathamesh Ghanekar

② Mr. Arjunan Khupre

③ Ms. Bhakti Gengra

④ Mr. Vinod Salunkhe

⑤ Mr. Deepak Dange.

Points discussed.

- ① HPC System requirement
- ② Wireless Interconnects
- ③ CMOS Versus finFET
- ④ 60GHz frequency spectrum for interconnect.



## Journal Club Meeting

Date: 21-07-2018

Time: 10:00am

Topic: Teaching Methodology for EXTC.

Speaker: Mr. Deepak Dange.

*Deepak*

Present members:-

① Ms. Bhakti Gangan.

*Gangan*

② Mr. Vinod Salunkhe

*Salunkhe*

③ Mr. Prathamesh Ghapkar

*Prathamesh*

④ Mr. Gajanan Khapse

*Gajanan*  
21/07/2018

⑤ Mr. Prashant Mahajan.

*Prashant*

⑥ Mr. Sushil Siroset.

*Siroset*

- ① New teaching techniques according to the interest of students
- ② Flipped classroom, technique
- ③ Ans-question in classroom for attentive and interesting classroom teaching.
- ④ Subjectwise teaching in classrooms

## Journal Club Meeting

Date: 14/07/2018

Time: 2:30

Topic: fractal Reconfigurable of antenna using PIN Diode.

Speaker: Mr. Sushil Sirose.

### Present members:-

- ① Mr. Poushant Mahajan
- ② Mr. Poothamesh Ghunekar
- ③ Mr. Deepak Dange
- ④ Ms. Bhakti Gangan.
- ⑤ Mr. Atul Samant

- PIN diode is having p type material and n type material sandwiched by intrinsic layer.
- Due to reverse bias voltage applied across p-n junction the diode will act as capacitor.
- As capacitance is inversely proportional to frequency applied and capacitance is directly proportional to Area and inversely proportional to distance between the plates.
- As we are increasing the reverse bias voltage distance between plates increases and frequency operated increases.
- In this presentation the fractal antenna is design in a such way that it will operate on 6 different frequencies.

## Journal Club Meeting

Date: 28/11/2017

Time: 10:30 a.m.

Topic: Light Intensity Control System using Android Application

Speaker: Mr. Vinod Salunkhe.

*Sal*

Present members:-

① Mr. Atul Samant

*AS*

② Mr. Prathamesh Ghonekar

*PG*

③ Mr. Gajanan Khapre

*GK*

④ Mr. Prashant Mahajan.

*PM*

- 1) AVR studio for AVR microcontroller.
- 2) Android application requirement.
- 3) Light intensity algorithms.
- 4) Interfacing of different modules.

## Journal Club Meeting

Date: 29-11-2017

Time: 11:00 am

Topic: Lossless Compression of JPEG Photo Collection

Speaker: Ms. Bhakti Gangan. BG

Present members:-

① Mr. Deepak Dange Deepak

② Mr. Atul Sumant Atul

③ Mr. Vinod Salunkhe Vinod

④ Mr. Prathamesh Ghanekar Prathamesh

⑤ Mr. Gajanan Khapre Gajanan

⑥ Mr. Poushant Mahajan. Poushant

Points Discussed:-

- ① Novel lossless compression method to reduce the size of a set of JPEG correlated images.
- ② It removes inter/intra image redundancies in feature spatial & frequency domain.
- ③ Compare to JPEG coded image collection, this method achieves average bit saving of more than 31

## Journal Club Meeting

Date: 27/01/2018

Time: 3:00.

Topic: Performance improvement in WSN system

Speaker: Mr. Sufiyam mukadam

Sufiyam

Present members:-

- ① Mr. Sushil Sirsat
- ② Mr. Sandeep Dwiwedi
- ③ Mr. Deepak Ponge
- ④ Mr. Gajanan Khapare
- ⑤ Mr. Prathmesh Ghomelkar
- ⑥ Mr. Poushan Mahajan

Sirsat

Dwiwedi

Deepak

Khapare

Ghomelkar

Mahajan

7

Points Discussed.

- ① Wireless sensor network system.
- ② Advancement in terms of technology in WSN system.
- ③ Different layers in architecture of WSN system.
- ④ Characteristics of WSN system.
- ⑤ Application of WSN system.

## Journal Club Meeting








Date: 13/01/2018

Time: 10:00am

Topic: Remote Monitoring probe with MIB & MDB.

Speaker: Mr. Atul Samant. - @sy

Present members:-

- ① Mr. Sushil Sissat 
- ② Mr. Deepak Dange 
- ③ Mr. Vinod Salunkhe. 
- ④ Mr. Prathmesh Ghonekar 
- ⑤ Mr. Prashant Mahajan 
- ⑥ Mr. Gajanan Khapre 
- ⑦ Ms. Bhakti Gangan. 

⇒ The topic contains the information about Telecommunication network management and in that nexus how MIB & MDB works.

These are databases that help network managers to manage the network, upgrade it and troubleshoot it effectively. One can add, delete or modify the component information with the help of these databases.

## Journal Club Meeting

Date: 7/04/2018

Time: 2:30pm.

Topic: Probabilistic Neural Network for Brain Tumor Classification

Speaker: Ms. Bhakti Gangan.

Present members:-

- ① Sushil Sirsat
- ② Prashant Mahajan
- ③ Sandeep Dwivedi
- ④ Deepak Dange
- ⑤ Atul Samant
- ⑥ Vinod Salunkhe
- ⑦ Prathamesh Ghanekar

Points Discussed:-

- ① Probabilistic NN with images & data processing tech.
- ② Performance of PNN classifier is was evaluated in terms of accuracies & training performance.
- ③ PNN is implemented for classification of MR brain images.
- ④ PNN classifier is workable with an accuracy of 73% to 100% according spread values. (1 to 3).

## Journal Club Meeting

Date: 5/05/2018


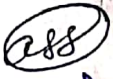



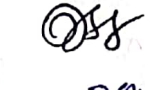

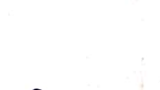
Time: 10:00 am

Topic: Design of power optimization using C2H.

Speaker: Mr. Supiyon Mukadam.

Mukadam

Present members:-

- ① Mr. Prashant Mahajan 
- ② Mr. Sushil Sissat 
- ③ Mr. Sandeep Dwivedi. 
- ④ Mr. Vinod Salunkhe 
- ⑤ Mr. Deepak Dunge 
- ⑥ Mr. Prathamesh Ghanekar 
- ⑦ Mr. Atul Samant 
- ⑧ Ms. Bhakti Gangan. 

Point Discussed:

- ① Brief explanation of C2H hardware Accelerator.
- ② Modern tools used for optimization of power.
- ③ MIOS-II processor Architecture.
- ④ Bottle neck concept.



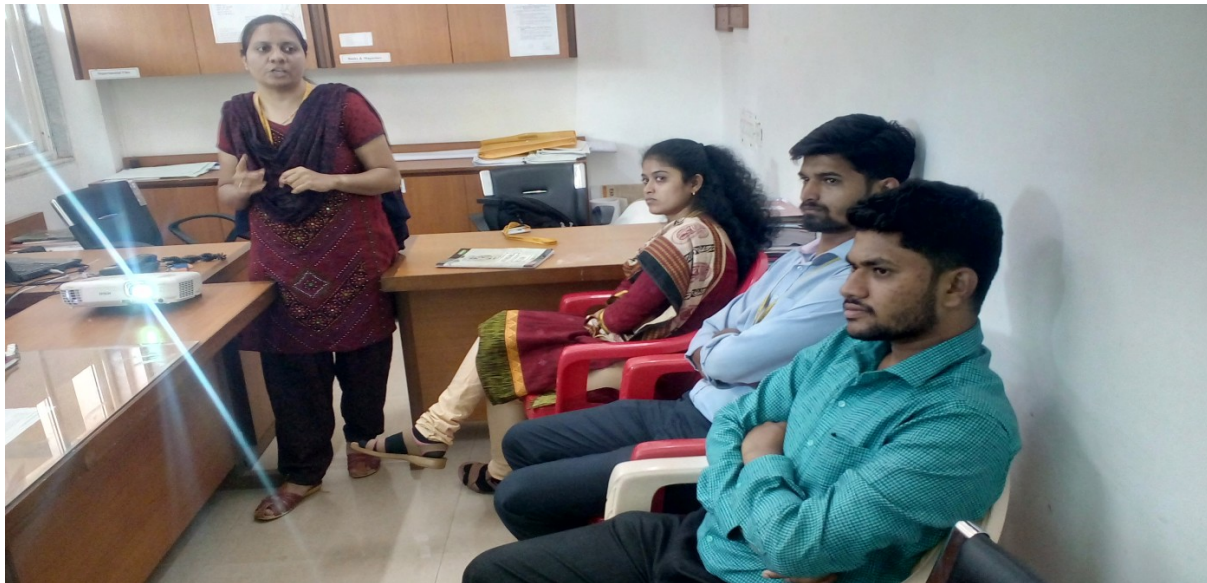
Sr. No	Date	Time	Name of the faculty	Topic and Journal details
1	14/10/2017	3:00-4:00 p.m.	Ms. Pradnya Gokhale	<b>Plantar pressure measurement</b> IJPRET 1(8)PAGE:176-185
2	28/10/2017	10:00-11:00 a.m.	Mr. Thorat Suraj	<b>Ant colony optimization</b> IEEE Asscss, 5 <sup>th</sup> June 2017, Vol:05 Page:10745-10756
3	11/11/2017	10:00-11:00 a.m.	Ms. Asmita Karande	<b>Single tank spherical system</b> ISOI Journal vol:47 page 20-23
4	25/11/2017	10:00-11:00 a.m.	Mr. Santosh Mahabale	<b>Condition monitoring of oil using wireless sensor</b> IJETI;Vol:35 No.2,May 2016,page No.74-79
5	09/12/2017	2:30-3:30 p.m.	Mr. Mahesh Pawar	<b>Air flow rate measurement with various Differential pressure methods</b> IEEE 2017,ICMT
6	23/12/2017	9:15-10:15 a.m.	Mr. Vikas Nandeshwar	<b>Classification of orange juice adulteration using LDA</b> IEEE (1 st conference) (PEIC &ES)
7	27/01/2018	10:00-11:00 a.m.	1.Mr. Mohire Abhay 2.Mr. Surve Rushikesh 3.Ms. Ukarde Sayali 4.Ms. Utekar Pooja	<b>Design and Development of a Level Sensor</b> IEEE Conference (9-10 Feb. 2018)
8	24/02/2018	10:00-11:00 a.m.	Ms. Pradnya N. Gokhale	<b>Clinical diagnosis of various cancer patients using PET/CT scan</b> <b>Journal of IP &amp;AI Vol.2 Issue 3 2016</b>
9	23/03/2018	10:00-11:00 a.m.	Mr.Surajkumar Sawai	<b>Observed based SMC</b> <b>IEEE paper</b>
10	21/04/2018	10:00-11:00 a.m.	Ms.Najuka Jagtap	<b>Target controlled anesthetic drug infusion</b> <b>ICIC 2015 IEEE</b>
11	12/05/2018	09:30-10:00 a.m.	Ms.Pradnya Gokhale	<b>How to write a good paper for journal</b> <b>Elsevier Hahal Uni. Oct 22,2008</b>

Department of Instrumentation Engineering conducting journal club activity twice in a month from 2017 to till yet.This session will be conducted by every faculty rotationally in front of all department faculties and shares his views, outcomes, results and conclusion with respective presented paper.

Detail record is as follows:

14/10/2017

SR No	Date	Time	Name	Topic/Journal	Detail	Sign																						
01	14/10/17	8:30 am	Ms. Poojya Gokhale	Plantar Pressure Measurement	TJ PPT 2017 Page: 136-137	[Signature]																						
<p>Outcome of discussion :- This is project performed in which the methods or application of plantar pressure measurement technique is investigated. The objective was to design a foot wear for people who suffer from deformities of foot due to fiber of circulation. Using force sensing resistor (FSR) sensor &amp; parts of foot were designed and the sole is designed. Patients around 60 having normal, diabetic and diabetic neuropathy were identified and visited that pressure applied on mid foot is higher in case of DP group of compared to N and D groups.</p> <p>Attendance :-</p> <table border="1"> <thead> <tr> <th>Name of faculty &amp; staff</th> <th>Sign</th> </tr> </thead> <tbody> <tr> <td>1. Mr. Suraj Kumar Sawai</td> <td>[Signature]</td> </tr> <tr> <td>2. Ms. Vibha Handethwar</td> <td>[Signature]</td> </tr> <tr> <td>3. Ms. Rajata Jagtap</td> <td>[Signature]</td> </tr> <tr> <td>4. Mr. Mahesh Pawar</td> <td>[Signature]</td> </tr> <tr> <td>5. Mr. Santosh S. Mahabare</td> <td>[Signature]</td> </tr> <tr> <td>6. Ms. Asmita S. Kasurde</td> <td>[Signature]</td> </tr> <tr> <td>7. Ms. Thelva S. Mahajan</td> <td>[Signature]</td> </tr> <tr> <td>8. Ms. Poojya Khatke</td> <td>[Signature]</td> </tr> <tr> <td>9. Mr. Parshuram More</td> <td>[Signature]</td> </tr> <tr> <td>10.</td> <td></td> </tr> </tbody> </table>							Name of faculty & staff	Sign	1. Mr. Suraj Kumar Sawai	[Signature]	2. Ms. Vibha Handethwar	[Signature]	3. Ms. Rajata Jagtap	[Signature]	4. Mr. Mahesh Pawar	[Signature]	5. Mr. Santosh S. Mahabare	[Signature]	6. Ms. Asmita S. Kasurde	[Signature]	7. Ms. Thelva S. Mahajan	[Signature]	8. Ms. Poojya Khatke	[Signature]	9. Mr. Parshuram More	[Signature]	10.	
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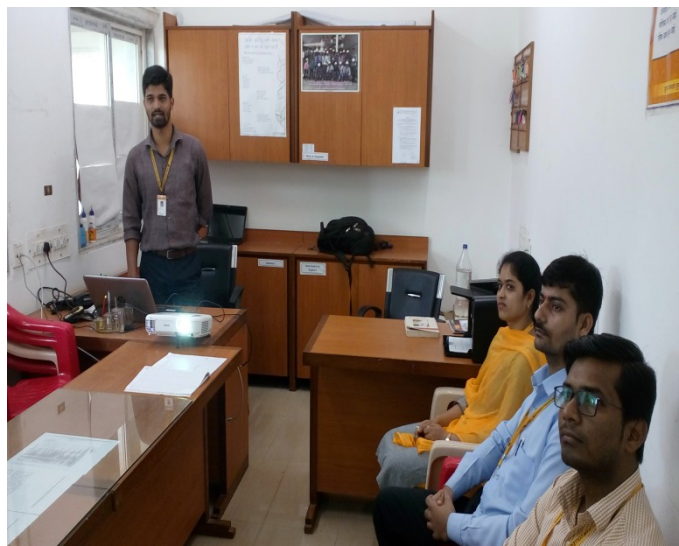


28/10/2017

Sr. No.	Date	Time	Name	Topic	Journal Details	Sign.
02	22/11/17	10:30 AM	Thayaf B.M	AI, Optimization	Basic concept of AI, AI, optimization, IEEE Access, DOI: 10.1109/ACCESS.2017.1694510	[Signature]

**Outcome of Discussion:-**  
 Reviewed & discussed - Basic concept of AI and colony optimization algorithm technique. The goal of this study is to find a shortest path between source & destination so that one can use it in various application for finding a shortest path. We discussed various applications where we can use this concept like wireless communication & transportation route finding.

Sr. No.	Name	Sign.
01	Ms. Najuka A. Jagtap	[Signature]
02	Mr. Vikas J. Nandeshwar	[Signature]
03	Mr. Mahesh S. Pawar	[Signature]
04	Mr. Tharal Suresh Mohan	[Signature]
05	Mr. Anurag S. Kanale	[Signature]
06	Mr. Santosh S. Mahabale	[Signature]
07	Mr. Pradyumn B. More	[Signature]
08	Mr. Pradyumn B. More	[Signature]



1/11/2017

Sr. No.	Date	Time	Name	Topic	Journal Details	Sign.
03	11/11/17	10:00 AM to 11:00 AM	Ms. Anurag S. Kanale	Quality control of spherical tank having dynamic behaviour	IEEE, Journal	[Signature]

**Outcome of discussion:-**  
 The topic was based on level control of spherical tank having dynamic behaviour. The industry has many such complicated applications where normal PID controller can not work so here they are using designed a T-PID controller by which level can be control. The advantage of this topic is we can also apply this control mechanism in our regular tank's having spherical shape. The contribution of the controller may vary with the application but give good solution for the critical situation.

Sr. No.	Name of faculty	Sign.
01	Ms. Najuka Jagtap	[Signature]
02	Mr. Vikas Nandeshwar	[Signature]
03	Mr. Santosh S. Mahabale	[Signature]
04	Mr. Mahesh S. Pawar	[Signature]
05	Mr. Pradyumn More	[Signature]

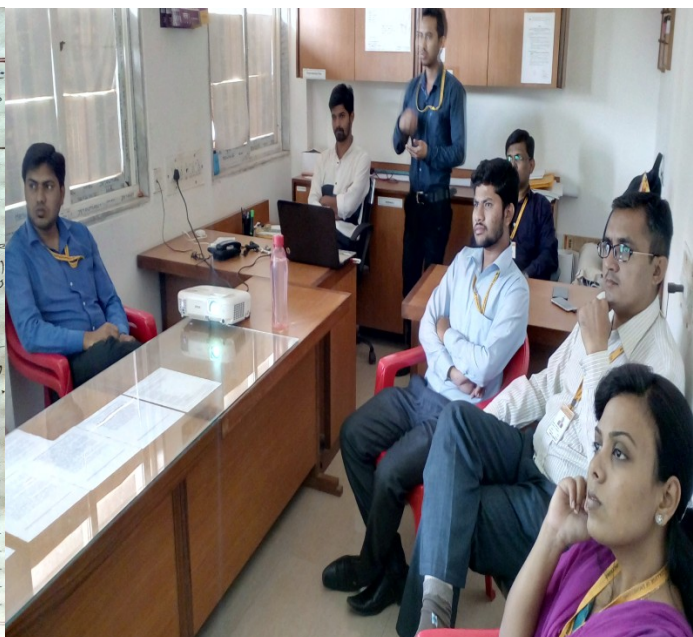


25/11/2017

Sr. No.	Date	Time	Name	Topic	Journal Details	Sign.
02	25/11/17	10:00 AM	Mr. Santosh Mahabale	condition monitoring of oil using wireless sensor	IEEE, M. Tech student, industrial engg. dept, wireless sensor application during	[Signature]

**Outcome of Discussion:-**  
 This paper is for condition monitoring of oil using wireless sensor. Leakage of oil from different oil section of dumper (trucks) can lead to fire accident & also machine failure if any considerable change in chemical or physical properties of oil takes place which result in loss of property & also life. The system model prepared by us is divided into transmitter & receiver section. The main objective of this paper is to prepare an efficient wireless sensor network in oil tank of dumper to collect & monitor the chemical, physical properties in real time by using zigbee & gsm & gps module along with alarm.

Sr. No.	Name of faculty	Sign.
1.	Mr. Surajkumar Sawar	[Signature]
2.	Mr. Mahesh S. Pawar	[Signature]
3.	Mr. Vikas J. Nandeshwar	[Signature]
4.	Mr. Pradyumn N. Gokhale	[Signature]
5.	Mr. Anurag S. Kanale	[Signature]
6.	Mr. Tharal Suresh Mohan	[Signature]
7.	Mr. Anurag S. Kanale	[Signature]
8.	Mr. Pradyumn B. More	[Signature]



09/12/2017

Sr. No.	Date	Name	Topic	Journal Details	Sign
01	13/12/17	Mr. Mahesh Pawar	Air Flow Measurement with Various Differential Pressure Methods	IEEE 2019 International Conference on Emerging Technologies (ICET)	[Signature]

**Outcome of discussion:**  
 This paper is for air flow rate measurement by using differential pressure method, i.e. Pitot-static probe, Venturi nozzle, or three-hole pressure probe. For low air flow rate measurement we can use first method and last two methods are for high air flow rate measurement. The difference of the results of different methods was within 1%. For laminar flow bellmouth inlet the discharge coefficient was set to 0.96. To define discharge coefficient with higher precision comparison of bellmouth inlet with certified diameter using standardized method.

Sr. No.	Name of Faculty	Sign
01	Mr. Pankaj Gokul	[Signature]
02	Ms. Najula Jagtap	[Signature]
03	Ms. Jyoti T. Kadam	[Signature]
04	Tharal Suresh Mahesh	[Signature]
05	Mr. P.V. Bapat	[Signature]
06	Mr. V.S. Hiremath	[Signature]
07	Anand Biradar	[Signature]
08	Mr. A.D. Chaudhary	[Signature]
09	Mr. Anand R. Patange	[Signature]
10	Mr. Anand R. Patange	[Signature]
11	Mr. Parshuram M.	[Signature]

23/12/2017

Sr. No.	Date	Name	Topic	Journal Details	Sign
06	23/12/17	Mr. Viras Nandeshwar	Classification of Orange Juice Authentication using LDA, PCA & ANN	IEEE International Conference on Biomedical Electronics & Intelligent Control for Energy system	[Signature]

**Outcome of discussion:**  
 The objective of this work is to characterize a low cost, robust, bio-compatible fractional order based sensor to detect various adulterants of orange juice samples. The classification of orange juice samples using LDA, PCA and ANN has been described. The data classification with LDA, PCA and ANN are compared using Discrimination Index (DI) to finally the best classification method has been identified using DI value.

Sr. No.	Name	Sign
1	Dr. A.M. Chincholkar	[Signature]
2	Ms. Jagtap Najula	[Signature]
3	Ms. Armita S. Karmade	[Signature]
4	Mr. P.V. Bapat	[Signature]
5	Mr. G.B. Hirkimath	[Signature]
6	Mr. Anand Biradar	[Signature]
7	Mr. Jyoti T. Kadam	[Signature]
8	Mr. Sankar S.V	[Signature]
9	Mr. V.J. Nandeshwar	[Signature]
10	Mr. R.A. Patil	[Signature]
11	Mr. A.A. Patange	[Signature]
12	Mr. P. Gokul	[Signature]
13	Mr. Parshuram M.	[Signature]

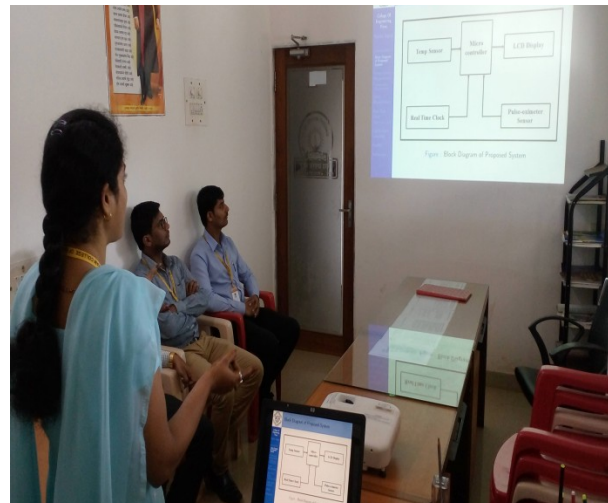


27/01/2018

Sr. No.	Date	Name	Topic	Journal Details	Sign
07	27/01/18	Abhau Mohite, Rishikesh Surve, Sahali Udarde	Design and development of sensor	IEEE conference	[Signature]

**Outcome of discussion:**  
 This sensor can be used in industrial and domestic applications, where the wastage of water is need to be avoid. The sensor doesn't require power supply, so it is useful at area where problems of electricity is occurred. Any unskilled person also can handle this type of kind sensor because of its easy handling, low cost & flexibility.

Name of Faculty	Sign
1) Anand R. Patange	[Signature]
2) Mr. Santosh B. Chaturbhuy	[Signature]
3) Ms. Vikas Nandeshwar	[Signature]
4) Mr. Mahesh Pawar	[Signature]
5) Mr. Sankar S.V	[Signature]
6) Mr. Tharal Suresh Mahesh	[Signature]
7) Ms. Armita S. Karmade	[Signature]
8) Ms. Pankaj Gokul	[Signature]
9) Mr. Parshuram M.	[Signature]



24/02/2018

Sr	Date	Name	Topic	Journal Details	Sign
08	26/12/18	Ms. Pratyaksh Gokhale	Clinical diagnosis of various cancer patients using PET/CT scan	Journal of STMAS Vol. 2, Issue 3 2018	[Signature]

**Outcome of discussion:**  
 Combined PET/CT provides metabolic function & anatomical function in single radiation. This paper describes various image processing applications that are introduced & developed to minimize artifacts enhance the required features for correct diagnosis which will help the radiologist as well as physician to decide way of treatment. This images are assumed to have high contrast and high resolution by using different reconstruction, filtering and robust algorithm.

Sr	Name of faculty	Sign
1	Mr. Jagtap N.D.	[Signature]
2	Mr. Thorat Suresh Mahan	[Signature]
3	Ms. Pratyaksh Gokhale	[Signature]
4	Ms. Amrita S. Karmale	[Signature]
5	Mr. Vikas J. Nandeshwar	[Signature]
6	Mr. Pankhram B. More	[Signature]

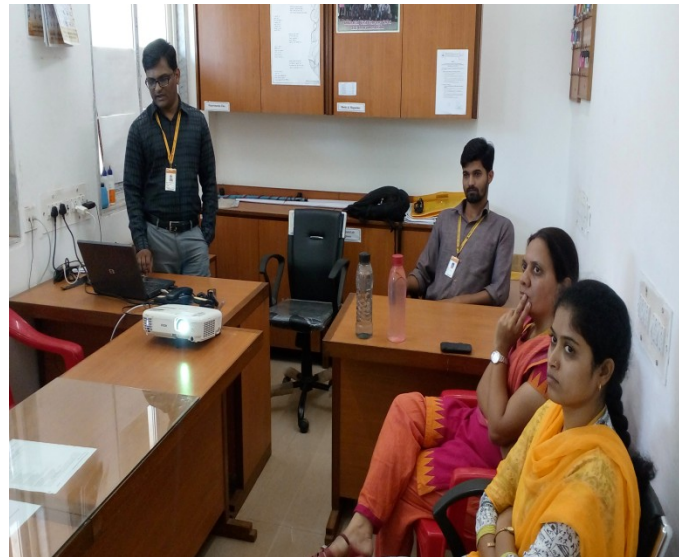


23/03/2018

Sr	Name	Topic	Journal Details	Sign
09/03/18	Mr. Sumanish	observer based smc	IEEE Paper	[Signature]

**Outcome:** most practical system are nonlinear and are affected by disturbance, unmodelled dynamic modeling error. All these effect the performance of system and in some case lead to the instability of system. To avoid this robust controller was developed as using variable structure control. It present simulation result and those result were compare with robust smc of integral smc. It clearly show the robustness of proposed control.

Attendance	Name of faculty	Sign
1	Mr. Thorat Suresh Mahan	[Signature]
2	Mr. Pratyaksh Gokhale	[Signature]
3	Mr. Sumanish	[Signature]
4	Ms. Amrita S. Karmale	[Signature]
5	Mr. Pankhram B. More	[Signature]



21/04/18

Date & Time	Name of faculty	Paper Title	Journal Details	Sign
21/04/18 10:30:15 AM	Ms. Jagtap Najuka S.	Target Controlled Anesthetic Drug Infusion	IEEE paper published in ICIC 2015	[Signature]

**Outcome:**  
 Anesthetic drugs must be administered at an appropriate rate to prevent adverse reactions during ambulatory surgery and after discharge from the hospital. Target controlled infusion (TCI), choose the target concentration & infusion pump deliver the dose to patient. TCI helps to avoid underdose or overdose. The anesthetic drug propofol (Diprivan) shows the motion of patients brain & nervous system. TCI of propofol permits anesthetics to target constant blood concentrations & exact punctually & signs of inappropriate anesthetic depth. In sensitive to patient is controlled by control implemented in embedded system. It has better accuracy than manual infusion.

Faculty Attendance	Name of faculty	Signature
1	Suresh M. Thorat	[Signature]
2	Amrita S. Karmale	[Signature]
3	Pankhram B. More	[Signature]



12/05/2018

Date	Name of faculty	Paper title/subject	Journal	Sign
12/01/18	Mr. P. Lakshmi	How to write a good paper for Journals	Classmate	[Signature]
9.2.2018			Harsh Vrat	[Signature]
10.10.2018			Oct 22, 2018	

Paper Outcome :-  
 This paper and presentation gives a brief idea regarding process of doing research, publishing paper and preparation process of thesis writing. It discuss issues regarding doing, guiding, strategic guiding, editing, drafting, effective writing ethics, rights, and permission. The paper completely focus on research methods.

Name of faculty	Sign
Mr. Surendra M. Tharwat	[Signature]
Mr. Arun S. Kharole	[Signature]
Mr. Parthasarathi Menon	[Signature]



### 6.3.3 Training programme organized by an institution for teaching and non-teaching staff during last five year

Year	Sl. No.	Title of the professional development program organised for teaching staff	Title of the administrative training program organised for non-teaching staff	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non-teaching staff)
2017-18	1	Journal Club	NA	From 23/12/2017 to 23/12/2017	9	0
2017-18	2	Journal Club	NA	From 14/10/2017 to 14/10/2017	6	0
2017-18	3	Journal Club	NA	From 1/12/2017 to 1/12/2017	6	1
2017-18	4	Journal Club	NA	From 17/11/2017 to 17/11/2017	5	0
2017-18	5	Journal Club	NA	From 9/12/2017 to 9/12/2017	9	0
2017-18	6	Journal Club	NA	From 24/02/2018 to 24/02/2018	9	0
2017-18	7	Journal Club	NA	From 20/06/2018 to 20/06/2018	3	1
2017-18	8	Journal Club	NA	From 21/06/2018 to 21/06/2018	4	1

## Journal Club Report

Sr No	Date	Time	Name of faculty	Topic, Journal details	Sign of speaker
1	23/12/2017	2.30pm to 3.00pm	Komal shinde	Generation of Deccan Trap magmas	<u>K. Shinde.</u>
2					

### Outcome of discussion:

Ms. Komal Shinde delivered her journal club lecture on Research article "Generation of Deccan Trap magmas" The paper by Gautam Sen.

She explained the terms: Deccan, Trap, magmas, and how the magma / Lava is erupted. Also the procedure of generation of Deccan Trap, its general features, where the Deccan Trap are present, magma generation and mantle plume theory.

### Attendance

Name of faculty/staff

Sign

- ① Ms. Gauri Charudatta Kadam G. Kadam
- ② Ms. Chetana Khedekar C. Khedekar
- ③ Ms. Komal Shinde K. Shinde
- ④ Mr. Venkatesh Todavai V. Todavai
- ⑤ Mr. Shekhar Sawant S. Sawant
- ⑥ Ms. Shruti Tetambe S. Tetambe
- ⑦ Ms. Dhanashri Sawant D. Sawant
- ⑧ Shilpa Desai S. Desai
- ⑨ Mr. Santoshkumar M. Hemenchad S. Hemenchad

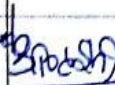



Ms



Ms Komal Shinde delivering Journal club lecture on 23/12/17

### Journal Club Report

Sr No	Date	Time	Name of faculty	Topic, Journal details	Sign of speaker
1	14/10/17	4.15 Pm to 4.45 Pm	Mr. S.G. Sawant	Steel fiber reinforced concrete.	
2	14/10/17	4.45 Pm to 5.15 Pm	Mr. M.J. Pawar	Replacement of cement by Metakaoline	

**Outcome of discussion:**

i) Mr. Sawant delivered his lecture on Research article "Steel fibre reinforced concrete" presented by Hisham et.al published in urban and environmental Engg. journal vol. 4. In this study authors conducted test on plain and steel fibre reinforced concrete cylinder. The fibre volume percentage varied from 0.5 to 1 %. Authors concluded that fibre reinforced concrete shows increasing tensile strength and ductility of steel fibre reinforced concrete as compared to plain concrete.

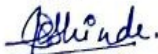
ii) Mr. Pawar delivered his lecture on Research article "Replacement of cement by Metakaoline. By adding Metakaoline in concrete ingredient, it shows good resistance to acid Attack.

**Attendance**

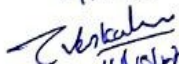
Name of faculty/staff

Sign

Ms. K.S. Shinde

  
14/10/17

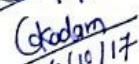
Mr. V. Tadwa:

  
14/10/17

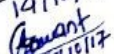
Mr. M.J. Pawar

  
14/10/17

Ms. G.C. Kadam.

  
14/10/17

Ms. G.A. Sawant

  
14/10/17

Mr. S.G. Sawant



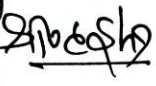



Mr. Shekhar Sawant delivering journal club lecture on 14/10/17



Mr. Mandar Pawari delivering journal club lecture on 14/10/17

## Journal Club Report

Sr No	Date	Time	Name of faculty	Topic, Journal details	Sign of speaker
1	01/12/17	2.45 pm to 3.15 pm	Mr. Shekhar Sawant	Development of cold formed steel and timber comp. : compression member.	
2	01/12/17	3.15 pm to 3.45 pm	Mr. Nandkishor Chougule	Econometric analysis of SEZ's - India	

### Outcome of discussion:

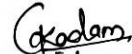
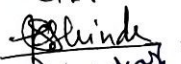





1) Mr. Nandkishor Chougule has delivered his lecture on Research article "Econometric Analysis of SEZs in India" studied by K. Balsubhramanyam. He explain the effect of SEZ's in India and China and Economical growth of Country based on SEZ's. FDI, GDP, EPZ, employment study by analyzing previous data.

2) Mr. Shekhar Sawant has delivered his lecturer on Research article "Development of cold formed steel and timber" studied by Ali Awaludin, Made Aryati, Kundari Rachmawati. He Explain an efforts to increase buckling performance of cold-formed steel z-section, C-section and double C-section by attaching timber laminas to their web part using screws.

### Attendance

Name of faculty/staff

Sign

- ① Gaurni Charudatta Kadam 
- ② Ms. Komal Shinde 
- ③ Ms. Chetana Khedekar 
- ④ Mr. Venkatesh Taduvai 
- ⑤ Mr. Nandkishor chougule 
- ⑥ Mr. Shekhar sawant, 
- ⑦ Mr. Sanjiv Rahate 





Mr. Shekhar Sawant delivering journal club lecture on 01/12/17



Mr. Nandkishor Chougule delivering journal club lecture on 01/12/17

## Journal Club Report


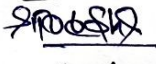

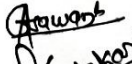

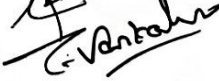
Sr No	Date	Time	Name of faculty	Topic, Journal details	Sign of speaker
1	17/11/17	3:30-4:00	MS. Chetana J. Khedekar	Long lasting deadrant	
2	17/11/17	4:00-4:30 PM	MS. V. Taduvai	Effect on glass fiber on PBT	

### Outcome of discussion:

- ① MS. Chetana Khedekar delivered her journal club lecture on Research article 'long lasting deadrant'. she explained the need of the deadrant, their process and the elements like Natural herb alcohol and the basic hygroscopic material to make deadrant long lasting.
- ② MS. Venkatesh Taduvai delivered his journal club lecture on Research article 'Effect of glass fiber on PBT. - An Experimental Study. He explained the effect of PBT for physico-mechanical properties and for thermal properties by experimental study. He concluded that many of the properties like load carrying capacity, Hardness, sp. gravity has been improved,

### Attendance

Name of faculty/staff

- |                             | Sign  |
|-----------------------------|---|
| 1. Mr. Komal Shinde         |  |
| 2. Mr. Shekhar Sawant       |  |
| 3. Ms. Gauri C. Kadam.      |  |
| 4. Ms. Geetanjali A. Sawant |  |
| 5. Ms. Chetana J. Khedekar  |  |
| 6. MS. V. Taduvai           |  |





Ms. Chetana Khedekar delivering journal club lecture on 17/11/17



Mr Venkatesh Taduvai delivering journal club lecture on 17/11/17

## Journal Club Report

Sr No	Date	Time	Name of faculty	Topic, Journal details	Sign of speaker
1	9/12/17	9.15 AM 9.45 AM	Mr. Shankar P. R.	OPTIMAL CONDUCTOR SELECTION IN RADIAL DISTRIBUTION SYSTEM, ELSEVIER	
2	9/12/17	9.45 AM to 10.15 AM	Ms. Chetana Khedekar	Long Lasting Deadrant	

### Outcome of discussion:

- ① Ms. chetana Khedekar delivered her journal club lecture on Reasearch article 'long lasting deadrant. she explained the Need of the deadrant, their process and elements like Natural herb alcohol and basic hygroscopic material to make deadrant long lasting.
- ② Mr. Shankar P.R delivered His journal club lecture on Reasearch article 'Optimal Conductor selection in Radial Distribution system, elsevier.

### Attendance

Name of faculty/staff

- ① Gaurni E. Kadam.
- ② N.S. Chougale
- ③ G.A. Sawant.
- ④ P.R. Sathe
- ⑤ Ms. S.S. Tetambe
- ⑥ D.T. Sawant
- ⑦ V. Taduvai
- ⑧ M.J. Panarsi

Sign




## Journal Club Report

Sr No	Date	Time	Name of faculty	Topic, Journal details	Sign of speaker
1	24/02 2018	2.45 pm to 3.15 pm	Geetanjali sawant	utilization of demolished waste as fine aggregate in concrete	<i>Geetanjali</i> 24/2/18
2					

### Outcome of discussion:

Ms. Geetanjali Sawant delivered her Journal club lecture on Research article "utilization of demolished waste as fine aggregate in concrete" paper by Mohd Moish, Vikas Srivastava, A.V.C. Agarwal and Rakesh Kumar. She explained the study part of compressive program wherein experimental investigations have been carried out to assess the effect of partial replacement of fine aggregate by demolished waste on workability and compressive strength of recycled concrete for the study at a period of 7 to 28 days. The results showed the compressive strength of recycled concrete with 10% fine aggregate replacement by demolished waste has been found to be marginally lower than conventional concrete.

### Attendance

Name of faculty/staff	Sign
1) Gauni charudatta Kadam	<i>Gadom</i>
2) Shekhar G. Sawant	<i>Shekhar</i>
3) Venkatesh S. Tadurvas	<i>V. Venkatesh</i>
4) M. J. Pawar	<i>M. J. Pawar</i>
5) Ms. K. S. Shinde	<i>K. S. Shinde</i>
6) Mr. Sanjiv S. Rohate	<i>S. Rohate</i>
7) Mr. Chetan Rahate	<i>Chetan</i>
8) Ms. Geetanjali Sawant	<i>Geetanjali</i>
9) Ms. Nandkishor Chaugule.	<i>Nandkishor</i>



Ms. Geetanjali Sawant delivering journal club lecture on 24/02/18

### Journal Club Report

Sr No	Date	Time	Name of faculty	Topic, Journal details	Sign of speaker
1	20/06/2018	3:30 pm 4:00 pm	MS. Gaurni C. Kadam	Real-time Ultrasonic Rail Health monitoring system for both Heavy Haul Loads and High Speed Trains.	<i>(Kadam)</i> 20/06/2018
2					

**Outcome of discussion:**

MS. Gaurni Kadam delivered her speech journal club lecture on Research article "Real time ultrasonic rail health monitoring system for both Heavy Haul Loads and high speed train - South Africa overview by Nawaz Mohamed and Bohua Sun. She explained the Research and development of ultrasonic rail crack detecting system in South Africa. She explained the world-first Commercial real-time continuously railway integrity monitoring system which is installed to the orex railway line in South Africa, and its working operation system.

**Attendance**

Name of faculty/staff

Sign

Ms. Geetanjali Sawant

*(Sawant)*

Mr. Shekhar Sawant

*(Sawant)*

Mr. Mondar Pawani

*(Pawani)*  
20/06/18

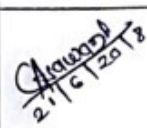
Mr. Sanjiv Rahate

*(Rahate)*



Ms. Gauri Kadam delivering journal club lecture on 20/06/18

## Journal Club Report

Sr No	Date	Time	Name of faculty	Topic, Journal details	Sign of speaker
1	21/6/18	3:30 - 4:00	Ms. Geetanjali A. Sawant	Impact of residential street design on fuel consumption	 21/6/2018

### Outcome of discussion:

Ms. Geetanjali A. Sawant delivers a journal club presentation on research article named as 'Impact of residential street design' on fuel consumption.

This paper includes comparison of fuel consumption on 4 alternative street patterns for Regina, Canada. Among these grid pattern & solar superblock pattern are energy efficient. Some patterns are explained. RATAM analysis which is used for calculating the fuel budget & fuel efficiency is explained by her.

### Attendance

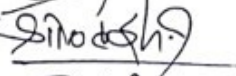
Name of faculty/staff

Sign

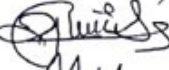
Ms. Mandira J. Pawar



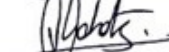
Ms. Shekhar Sawant



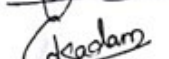
Mr. Sanjiv Rahate



Mr. Chetan Rahate



Ms. Gauri C Kadam





Ms. Geetanjali Sawant delivering journal club lecture on 21/06/18

## **Department of Electrical Engg : Journal Club 2017-18**

<b>Sr No</b>	<b>Date</b>	<b>Time</b>	<b>Name of faculty</b>	<b>Topic, Journal details</b>
1	9/12/2017	9:00am	Mr. Shankar P.R.	Optical Conductor selection in RDS using ABC Algorithm
2	23/12/2017	2:30pm	Mr. Santosh kumar Hunachal	Reactive power compensation By SVC
3	27/1/2018	4:00pm	Mr. Mahesh kumar Kamad	MEMS Flowcymeter
4	24/02/2018	3:30pm	Ms Ramadevi Rudra	Active power Filters
5	10/3/2018	9:30 am	Mr. Yogesh Katdare	C.W. Voltage Multiplier
6	24/3/2018	9:30am	MS. Priti Sathe	Power flow study and analysis using STATCOM
7	12/5/2018	2:45pm	Mr. Ratnadeep Keer	Blooms Taxonomy
8	26/5/2018	1:00pm	Ms. Shruti Tetambe	Soil Moisture Sensor

## Journal Club Curriculum

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Sr No	Date	Time	Name of faculty	Topic, Journal details	Sign of speaker
1	09/12/17	09.00	P.R-Shankar	OPTICAL CONDUCTOR SELECTION IN RDS	P.R.Shankar
2				USING ABC ALGORITHM	

#### **Outcome of discussion:**

- \* losses of Radial Distribution system
- \* conductor selection
- \* optimization techniques

#### **Attendance**

Name of faculty/staff

S. S. Telambe  
P. R. Sathre  
Sawant D. J.

Sign



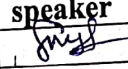

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Sr No	Date	Time	Name of faculty	Topic, Journal details	Sign of speaker
1	23/12/17	2.30 to 3	Mr. Santoshkumar Hunachal	Reactive Power Compensation by SVC	
2					

### Outcome of discussion:

→ operating characteristics SVC in inductive & Capacitive mode & with tested on 9 Bus slm

### Attendance

Name of faculty/staff

Ms. Chetana J. Khedekar.

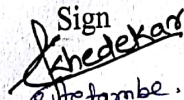
Ms. S. S. Tetambe

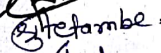
Ms. G. C. Kadam

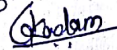
Dr. Shikha Deshpande

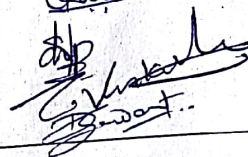
Ms. V. Tadewar

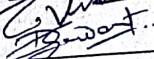
Sawant D. J.

Sign  










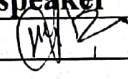
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Sr No	Date	Time	Name of faculty	Topic, Journal details	Sign of speaker
1	27/1/18	16:50	MANESH KUMAR	MEMS flowcytometry	
2					

#### Outcome of discussion:

flow cytometers advantages.

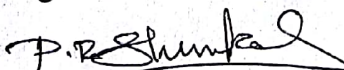
#### Attendance

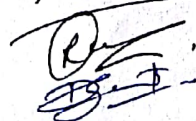
Name of faculty/staff

P. R. Shankar

Ms. Ramadevi Rudra  
Sawant D J

Sign





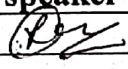
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Sr No	Date	Time	Name of faculty	Topic, Journal details	Sign of speaker
1	24/02/18	3-30	Ms. Ramadevi Ruedra	Active Power Filter	
2					

#### **Outcome of discussion:**

Adv of filters

#### **Attendance**

Name of faculty/staff

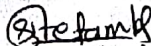
S.S. Tetambe

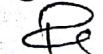
P.R. Sathe

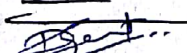
Sawant D.J.


Swapnil Mohite

Sign









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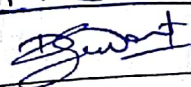
Sr No	Date	Time	Name of faculty	Topic, Journal details	Sign of speaker
1	10/3/18	9:30	<del>Y.Y.</del> Mr. Yogesh Kaldare	C-w vty. multiplier	<del>Y.Y.</del>
2					

#### Outcome of discussion:

- (1) efficiency improvement of cock-rott vty. multiplier det cells
- (2) Optimum no. of stages calculation.

#### Attendance

Name of faculty/staff  
 Ms. Ramadevi Rudra  
 Ms. S.S. Tetambe  
 Ms. Pooi Sathe  
 Mr. P.R. Shankar  
 Ms. Sawant D J

Sign  
  
  


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Sr No	Date	Time	Name of faculty	Topic, Journal details	Sign of speaker
1	12/5/18	2-45-3-15	Mr. R.V. Keer	Bloom's Taxonomy (BT)	<i>[Signature]</i>
2					

#### **Outcome of discussion:**

- Bloom's Taxonomy has been introduced.
- Explained different levels with examples.
- Discussed how we can implement BT in classrooms & assessments
- Ask faculties to develop thinking based learning in students.

#### **Attendance**

Name of faculty/staff

Priya Sethe

Ramadevi Kudra

Mahesh Kumar

Sambash Kumar Kurathil.

Shankar P.R.

Sign

*[Signature]*

*[Signature]*

*[Signature]*

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Sr No	Date	Time	Name of faculty	Topic, Journal details	Sign of speaker
1	24/03/11	9-30	Mrs. Priti Salhe	Power Flow study & analysis using STATCOM.	<i>[Signature]</i>
2					

#### **Outcome of discussion:**

SVC Compensation

Analysis process.

#### **Attendance**

Name of faculty/staff

Mr. Suresh Ghosale  
 Mr. Santoshkumar M. Hurchal  
 Mr. Maheshkumar  
 Mrs. Ramadevi Rudea  
 Ms. Shaukai Tetambe  
 Mr. Yogesh Katdare

Sign

*[Signatures]*  
 T. G. Ghosale  
 [Signature]  
 [Signature]  
 [Signature]  
 [Signature]

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
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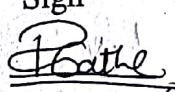
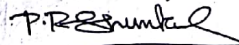
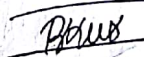
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Sr No	Date	Time	Name of faculty	Topic, Journal details	Sign of speaker
1	26/5/18	1:00pm	Shruti Tetambe	soil moisture sensor	
2					

**Outcome of discussion:** of soil moisture sensor.

1. Equivalent circuit is introduced.
2. Working principle of soil moisture sensor.

<b>Attendance</b>	<b>Sign</b>
Name of faculty/staff	
Ms Priti Sathe	
Mr P.R. Shankar	
Mr R.V. Keer	

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Sr No	Date	Time	Name of faculty	Topic, Journal details	Sign of speaker
1	14/7/16	2-30	Ms. R.V. Kera	Future Trends in Electrical Manufacturing Industry	<i>[Signature]</i>
2					

#### Outcome of discussion:

- Discuss newer technology IOT, machine learning, AI
- Industries 5S & lean six sigma.
- Switchgear equipment details.

#### Attendance

Name of faculty/staff

Sign

1) Santosh. M. Hummel

*[Signature]*

2) Kataru Uogam Y

*[Signature]*

3) Katal Dattatraya D.

*[Signature]*

4) Ms. Ramdevi Rudra

*[Signature]*

5) MS Pnhi Sathe

*[Signature]*



## Journal Club Curriculum

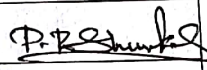
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### Journal Club Report

No	Date	Time	Name of faculty	Topic, Journal details	Sign of speaker
1	21/7/18	12:00PM	Mr. Shankar P.R.	OPTIMAL PLACEMENT & SIZING OF DG IN RADIAL DISTRIBUTION SYSTEM	

#### Outcome of discussion:

- \* How to over come loss in Radial distribution system
- \* DG Placement benefits
- \* Reduction of losses

#### Attendance

Name of faculty/staff

Ms Pooja Sathe

Ms. Romadevi Kudra

Mr. Mahesh Kumar

Mr. Santosh, M. Hunchal

Mr. Kalyan Y. Y

Mr. Kaleb D.D.

Mr. Satish N. Ghoshale

Mr. Ramesh V. Kees

Sign













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### Journal Club Report

Sr No	Date	Time	Name of faculty/staff	Topic, Journal details	Sign of speaker
1	22/12/18	10:30	Ms. Dhanashri Sawant	Solar thermal Power plant	<i>[Signature]</i> ...

#### Outcome of discussion:

- Types of solar thermal Power Plant .
- Advantages & disadvantages .

#### Attendance

Name of faculty/staff

Kattare Y.Y,

Sign

*[Signature]*

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### Journal Club Report

No	Date	Time	Name of faculty	Topic, Journal details	Sign of speaker
1	15/12/18	10:00			
		10:00	Mr. Dattatroya D. Kale	Direct foreign control of Industries	<i>[Signature]</i>

**Outcome of discussion:**

- i) Difference bet<sup>n</sup> scalar control, vector control & DTC.
- ii) Direct torque control mathematical modelling

**Attendance**

Name of faculty/staff

Sign

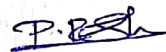
Poti Sathe



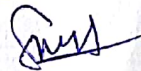
Ratnadeep Kees



P. R. Shankar



S. M. Humneshal





4/4/2018

## VPM's Maharshi Parshuram College of Engineering, Velneshwar

### Report on Soft Skills Training for Faculties by Eknoway , Mumbai

Introductory Orientation session was conducted on 24/3/2018 by Eknoway. Mr.Vijay Acharya suggested following Training topics for the Faculties..

- ✓ Refining productivity
- ✓ Beyond Teaching – A Holistic Approach
- ✓ Industry-Academic and Inter-Departmental Collaboration
- ✓ Communication Excellence
- ✓ Organizational Team work and creating Brand Value
- ✓ Stress Management

Training was conducted on Refining productivity.

The welcome speech for the occasion was given by Mr.Nikhil Gokhale – TPO and many other 6 HODs and 30 Faculties were also present for the occasion. Session included activities and Theory. Below are the Photos and the e mail correspondence



HoDs interacting with Mr.Vijay Acharya



Dr.Mane – Incharge Principal welcoming Mr.Vijay Acharya



Mr.Vijay Acharya conducting Session for Faculties



Group Photos – Mr.Vijay Acharya With Faculties

## 2. Email Communication

----- Forwarded message -----

From: **Nikhil Gokhale** <nikhil.gokhale@vpmpcoe.org>

Date: Tue, Mar 27, 2018 at 5:14 PM

Subject: Feedback about Faculty Development Program 24/3/2018

To: Vijay Acharya <vijay@eknoway.com>

Cc: principal MPCOE <principal@vpmpcoe.org>

Dear Sir,

Greetings to you.

It was pleasure in meeting you on 24/3/2018. All Faculties have given good feedback about Training program. All of them have liked your delivery style and content.

- Quality of the content was excellent.
- Nice balance of theory and practice.
- **Training** had a **good** mixture of learning activities.
- Really enjoyed the day - will definitely make a difference.
- The session compels you to question your current approach and look for ways to influence your performance
- Will definitely be putting into practice.

Thanks so much for your very valuable training. We really enjoyed it, and appreciated that you made it fun! We feel much better prepared to deal with uncomfortable issues.  
Thank you for your wisdom, experience and presentation.

Kindly share your presentation. Faculties are keen to learn and apply techniques.

Regards

Nikhil Gokhale

On Tue, Mar 20, 2018 at 6:53 AM, Vijay Acharya <[vijay@eknoway.com](mailto:vijay@eknoway.com)> wrote:  
**Dear Nikhil Sir,**

Greetings of the day !!

This is to inform you that we can start the session at **11 am to 4 pm on 24<sup>th</sup> March ( Saturday )**. Kindly inform the participants accordingly.

I would be reaching your College around **10.30 am** on Saturday, so that we can do the Initial setup, testing of Audio / Video and have a sharp **11 am start**.

We can break for a 30 / 45 mts Lunch in between, as per your convenient time.

As regards travel / staying arrangements, thanks a lot for the courtesy and welcome extended.

I am coupling my personal Trip to Chiplun ( it happens to be our Kuldevta ), and hence would be at Chiplun the previous day ( 23<sup>rd</sup> March)

So, I will be driving down to your College on 24<sup>th</sup> March and reach there by 10.30 am. Post the Workshop, we would be leaving back.

**As regards arrangements, kindly ensure the following :**

- Projector
- Note pads for Participants
- Some open space near / around the Auditorium to conduct Group Activities.
- Black / White Board with Chalks / Markers
- Sound System with Mics, if required

Hope the above suffices.

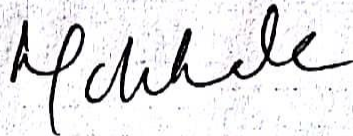


Do get back in case of any queries.

Thanks and have a great day.

Regards,

**Vijay Acharya**  
Corporate Trainer and Founder  
**EKNOWAY**  
Cell : 9821126643  
e-mail : [vijay@eknoway.com](mailto:vijay@eknoway.com)



Workshop Coordinator  
**Mr. Nikhil Gokhale**  
Training and Placement Officer



VPM's Maharshi Parshuram College of  
Engineering, Velneswar

Soft Skills Training for Faculties by Eknoway , Mumbai  
Attendance Report  
Date:- 24/03/2018

Sr.No	Name of Faculty	Department	Sign
1	Dr. Amit Mane	ASH	
2	Dr. Shilpa Deorukhakar	ASH	
3	Mr. Ganesh Dive	ASH	
4	Mr. Rohan Gondhalekar	ASH	
5	Mr. Audumbar Patkar	ASH	
6	Mr. Dayanand Vyavahare	ASH	
7	Mr. Arun Sargar	ASH	
8	Mr. Vaibhav Ambavkar	Computer	
9	Mr. Nikhii Gokhale	Computer	
10	Mr. Ketan Kundiya	Computer	
11	Mr. Nandkishor Chougule	Civil	
12	Ms. Komal Shinde	Civil	
13	Mr. Venkatesh Taduvai	Civil	
14	Ms. Geetanjali Sawant	Civil	
15	Ms. Gauri Kadam	Civil	
16	Mr. Satish Ghorpade	Electrical	
17	Mr. Ratnadeep Keer	Electrical	
18	Mr. Santoshkumar Hunchal	Electrical	
19	Mr. Yogesh Katdare	Electrical	
20	Mrs. Priti Sathe	Electrical	
21	Mrs. Ramadevi Rudra	Electrical	
22	Mr. Sufiyan Mukadam	E&TC	
23	Mr. Deepak Dange	E&TC	
24	Mr. Gajanan Khapre	E&TC	
25	Mr. Vinod Salunkhe	E&TC	
26	Mr. Prathamesh Ghanekar	E&TC	
27	Ms. Bhakti Gangan	E&TC	
28	Mr. Prashant Mahajan	E&TC	
29	Mr. Avinash Pawar	Instrumentation	
30	Ms. Pradnya Gokhale	Instrumentation	
31	Mr. Balagouda Pati	Mechanical	



Principal  
VPM's Maharshi Parshuram College  
of Engineering, Velneswar



VPM's Maharshi Parshuram College of  
Engineering, Velneswar

Soft Skills Training for Faculties by Eknoway , Mumbai  
Attendance Report  
Date:- 24/03/2018

Sr.No	Name of Faculty	Department	Sign
32	Mr. Prasad Bapat	Mechanical	
33	Mr. Pradip Sharma	Mechanical	
34	Mr. Mahesh Kale	Mechanical	
35	Mr. Anand Patange	Mechanical	
36	Mr. Rajnitu Rakshaskar	Mechanical	
37	Mr. Anand Biradar	Mechanical	

Training & Placement Officer

Principal

**Principal**  
VPM's Maharshi Parshuram College  
of Engineering, Velneswar

