

All India Shri Shivaji Memorial Society's  
COLLEGE OF ENGINEERING  
Kennedy Road, Pune – 411001.

CIVIL ENGINEERING DEPARTMENT'S ANNUAL REPORT  
2018-2019

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Date: 19/02/2019

Submitted:

Subject: Annual Report of civil Engineering Department (2018 -2019) .

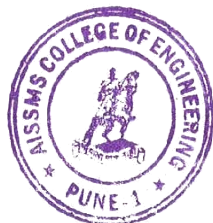
Respected Sir,

Please find enclosed herewith the report of various activities carried out during Semester I and II along with Students achievements for the period from 2018 to 2019.

Prof Shilpi Bhuinyan  
In-Charge Annual Report

Through (HOD)

To  
The Principal  
AISSMSCOE, Pune



  
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## 1.0 Faculty

### a)Published in Journals/Papers Presented/Seminar/Workshop/Conferences:

#### Papers Published in Journal(s):

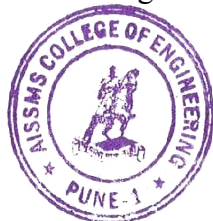
- Prof P B Nangare has published a paper on “Development of working model for ogee Profile spillway Using Steps and Roller Bucket for Enhancement of Energy Dissipation “International journal of Engineering Research in Mechanical and Civil Engineering, May 2018.
- Prof Kalyani Kulkarni,Prof Shilpi B,Prof S P Khedekar has published a paper “ Compressive strength of Polypropylene Fibre reinforced concrete” in IJMTE,Volume 9,issue xi, Nov 2018.

#### Papers Presented/Published in National Conference:

- Dr S R Parekar has published a paper on “ Seismic analysis of step- back building resting on sloping ground considering different types of bracing system” Preceedings of National Conference on “Panchtatva in civil Engineering in association with Novateur Publication,Feb 27 and 28 2019.
- Dr S R Parekar has published a paper on “ Effect of different shapes of opening in shear wall” Preceedings of National Conference on “Panchtatva in civil Engineering in association with Novateur Publication,Feb 27 and 28 2019.

#### Papers Presented/Published in International Conference:

- Dr U R Awari has published a paper on “ Comparison of moment connections Reinforced with Various vertical Rib Plates” International Conference at BITS,Pilani,on 2018
- Prof P B Nangare has Presented a paper on “Energy Dissipation at Khadakwasla Dam” in International conference- hydro 2019 at NIT, Patna, on Dec 19<sup>th</sup>- 21<sup>st</sup> 2018
- Prof D V Wadkar has Presented a paper on “Application of cascade feed forward neural network for modelling of coagulant dose in a drinking water treatment plant: A Comparative Study” in International conference- hydro 2019 at NIT, Patna, on Dec 19<sup>th</sup>- 21<sup>st</sup> 2018.
- Prof P R Modak,Prof V S Chavhan,Prof A M Deulkar has Presented a paper on “ Micro Hydro Power Generation” in International conference- hydro 2019 at NIT, Patna, on Dec 19<sup>th</sup>- 21<sup>st</sup> 2018.
- Prof Kalyani Kulkarni,Prof Shilpi B,Prof S P Khedekar has presented a paper “ Compressive strength of Polypropylene Fibre reinforced concrete” on 2<sup>nd</sup>



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International Conference on Emerging Trends in Science, Engineering and management, on 25<sup>th</sup> Nov 2018.

- Prof P R Satarkar has presented a paper on “Review on Seismic behaviour of steel frame building” on international Conference on Recent Innovation in Engineering and Technology, 15<sup>th</sup> - 16<sup>th</sup> Feb 2019.

**b) Following teachers organized/ attended following seminars/Workshops/conferences:**

- Dr S R Parekar, Dr U R Awari, Prof U J Jadhav has attended one day Workshop on “Design of PT Slabs and introduction to vibration and Earthquake analysis” at COE, Pune on July 28, 2018.
- Dr U R Awari has attended one week Framing Programme on “Wind effects on structures ”at VNIT, Nagpur on Oct 29<sup>th</sup> 2018.
- Prof P B Nangare, Prof D V Wadkar has attended International conference- hydro 2019 at NIT, Patna, on Dec 19<sup>th</sup>- 21<sup>st</sup> 2018.
- Prof P B Nangare, Prof R D Nalawade, Prof P R Modak, Prof K N Kulkarni, Prof Shilpi B, Prof S P Khedekar has attended a lecture on “ Smart Cities” by Dr. Prashant Pawar (R & D Dean SVERI, SCE, Pandharpur, on 20<sup>th</sup> March 2019.
- Prof. R. D. Nalawade was organizing committee member of FDP on “Modern Pedagogy and Recent Technological Development” Sponsored by ISTE – IE(I) at AISSMS Civil, COE, Pune, on Dec 10-14 2018
- Prof K N Kulkarni and Prof S P Khedekar has attended 2 days FDP on “Research Methodology and Data Analysis “at RSCOE, on Sept 28<sup>th</sup> -29<sup>th</sup> 2018.
- Prof K N Kulkarni, Prof Shilpi B, Prof S P Khedekar had attended two days National Level Seminar On “Environmental Challenges in 21<sup>st</sup> Century held on 24<sup>th</sup> 25<sup>th</sup> Jan 2019 at DR. VVPCOE, Ahmednagar.
- Prof Shilpi B has attended lecture on “Smart India Hackathon “ Speaker Was Mr Pratap snap, on Feb 2019.
- Prof P R Satarkar, Prof M S Chiwande has attended one day National Workshop on “Advances in concrete and concrete Technology” at MIT, Pune, on Sept 28<sup>th</sup> 2018.
- Prof U J Jadhav, Prof C S Misal has attended one week orientation Programme on “Modern Pedagogy and Recent Technological Development” Sponsored by ISTE – IE(I) at AISSMS Civil, COE, Pune, on Dec 10-14 2018.
- Prof C S Misal, Prof A M Deulkar has attended One week STTP on “Disaster Management and Mitigation” at GHRCOEM, Pune, on Nov 19<sup>th</sup> – 23<sup>rd</sup> 2018.
- Prof C S Misal, Prof A M Deulkar has attended symposium on “IOT” at COE, Pune Sept 15<sup>th</sup> 2018.
- Prof C S Misal has attended workshop on “Building Development at Maharashtra centre for Entrepreneurships, Pune on Dec 9<sup>th</sup> 2018.
- Dr. S R Parekar, Dr U R Awari, Prof R D Nalawade, Prof S D Nangare, Prof P B Nangare, Prof U J Jadhav, Prof P R Modak, Prof D V Wadkar, Prof K N



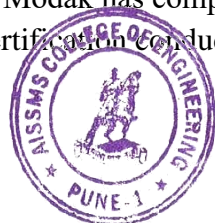
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Kulkarni, Prof G C Chikute, Prof M S Chivande, Prof P R Satarkar, Prof U J Jadhav, Prof S P Khedekar, Prof C S Misal, Prof A M Deulkar, Prof S Shah has attended One day FDP on “ Water Management and Energy Conservation” at Aissms ,COE, Pune on July 2018.

- Prof R D Nalawade , Prof U J Jadhav, Prof C S Misal had attended a Refresher Course on “Modern Pedagogy and Recent Technological Development” during December 10 to 14, 2018
- Prof C S Misal had attended Two days state level workshop entitled " Business Opportunities in Environmental Engineering " during 1st and 2nd February 2019
- Prof A M Deulkar has attended two days Workshop on “Hydraulic Modelling of Reservoir and appurtenant structures” at CWPRS, Pune, on Oct. 24<sup>th</sup> - 26<sup>th</sup> 2018.
- Prof M S Chivande attended one day workshop on Advances in concrete and concrete Technology by MIT college of Engineering, Pune

### **Staff achievements:**

- Dr S R Parekar was Topper for subject “Design of Reinforced concrete structures” and “Matrix method of structural Analysis” in NPTEL online certification conducted by IITs and Ministry of HRD.
- Dr S R Parekar, was a Resource Person For Subjects “Strength of Materials “and “Structural Analysis II” at various Engineering Colleges under Pune University.
- Dr. U. R. Awari delivered Guest lecture on Structural Design –I at different colleges of Pune University.
- Dr U R Awari was Reviewer for International Journal of research Publication in Engineering and Technology.
- Dr U R Awari had published A Text Book on Mechanics of solids and Engineering Mechanics, Nirali Publication, For BATU.
- Prof P B Nangare was awarded for best working model with Rank 1 on Ogee Spillway using steps and roller Bucket at MIT, COE, Pune, on Dec 17-31 2018.
- Prof P B Nangare had completed 12 week FDP on “Unsaturated wastewater soil Mechanics” in NPTEL online certification conducted by IITs and Ministry of HRD..
- Prof R D Nalawade was a judge for the event “GEOFEST 2019” at PCCOE Pune, on 26<sup>th</sup> March 2019.
- Prof R D Nalawade had completed 12 week FDP on “Unsaturated wastewater soil Mechanics” in NPTEL online certification conducted by IITs and Ministry of HRD, Oct 2018.
- Prof D V Wadkar had completed 12 week FDP on “Unsaturated wastewater soil Mechanics” in NPTEL online certification conducted by IITs and Ministry of HRD.
- Prof P R Modak has completed 12 week FDP on “Unsaturated wastewater soil Mechanics” in NPTEL online certification conducted by IITs and Ministry of HRD.
- Prof P R Modak has completed 08 week FDP on “Developing Soft skill ” in NPTEL online certification conducted by IITs and Ministry of HRD.

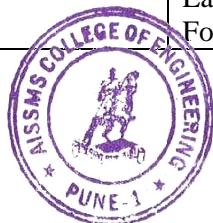


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- Prof G C Chikute had completed 12 week FDP on “Advanced Concrete Technology” in NPTEL online certification conducted by IITs and Ministry of HRD.
- Prof G C Chikute had completed 04 week FDP on “Stress Management” in NPTEL online certification conducted by IITs and Ministry of HRD.
- Prof G C Chikute had completed one month FDP on “ICT Tools” by IIT Bombay, Sept Oct 2018.
- Prof G C Chikute was Reviewer for Journal “Building and Environmental” of Eslvier BAE-D-17-01529, 2018.
- Prof P R Satarkar has completed 12 week FDP on “Design of Reinforced Concrete Structures” in NPTEL online certification conducted by IITs and Ministry of HRD.
- Under I3 Prof P B Nangare has taken initiative for internship of students.

The following students of Civil Engineering have been attended Internship Program during Winter Vacation.

Sr.No	Name of Students TE CIVIL A&B DIV.	Name of Industry	Internship Period
1	Tejas Rathod	M/S Pandit Laxman Undre Trimurti Complex Satavwadi, Hadapsar, Pune Pune Saswad road.	17.12.2018 TO 27.12.2018
2	Ajinkya Potdar		
3	Omkar Sawant		
4	Sugat Sondawane		
5	Sarvesh Jadhav		
6	Nayan Nimjye		
7	Yashraj Tatiya		
8	Neeraj Chaudhary		
9	Diya khatri		
10	Mohit Channe		
11	Kanchan Khaire	Pritesh Goplarao Deokar Director, The Myriad Group, Engineering & Designing Consultant Pune.	17.12.2018 TO 27.12.2018
12	Kanchan Vajnam		
13	Risha Hore		
14	Sagar Jagdale		
15	Revti Gokhale		
16	Kartika Kamble		
17	Niel Lapalikar		
18	Harish Pandharinath Wagh	Gayatri Constructors LLP, Eagleridge, near Hiranandani Foundation School Hiranandani	

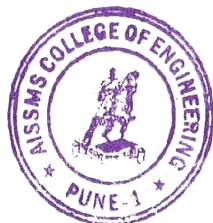



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		Estate, Patlipada Ghodbandar Road Thane (W)	18.12.2018 TO 25.12.2018
19	Mr Gaurav Arun Thokal	Panchashil Infrastructure Pvt. Ltd. Near ST Stand, Supa, Tal – Parner, Dist – Ahmednagar	18.12.2018 TO 28.12.2018
20	Neha Patil	G.A Bhilare Construction PVT. Ltd. Pune	17.12.2018 TO 31.12.2018
<b>Sr.No</b>	<b>Name of Students BE CIVIL A&amp;B DIV.</b>	<b>Name of Industry</b>	<b>Internship Period</b>
21	Pratiksha Telang	Dr. Kiran Bagade MD, IDAC INDIA PVT. LTD, PUNE	18.12.2018 to 31.12.218
22	Bhaveshe Badhe		
23	Shardul Shelke		
24	Faizan Haure		
25	Supriya R Dhakle	Rajandra v Jadhav Consultant Karad	14.12.2018 to 27.12.2018
<b>Sr.No</b>	<b>Name of Students SE CIVIL A&amp;B DIV.</b>	<b>Name of Industry</b>	<b>Internship Period</b>
26	Vedant kale	Rajandra v Jadhav Consultant Karad	17.12.2018 TO 25.12.2018
27	Charul Jadhav		
28	Digvijay More		
29	Bhavika Patekar		
30	Rohan Gandhi		
31	Ritu Killedar		

### Books Published:

- Prof U R Awari Prof.S.R.Parekar, Engineering Mechanics, Nirali Prakashan.
- Prof. DV Wadkar, Basic Civil and Environmental Engineering, Technical Publication.
- Prof P R Modak, V.S.Chavhan,G C Chikute ,Building Technology and Materials, Technical Publication.
- Prof P R Modak, V.S.Chavhan, G C Chikute, ConcreteTechnology, Technical Publication.



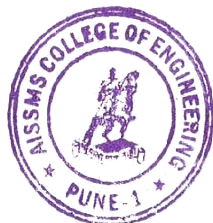
  
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**d) Staff sponsorship higher Studies:**

1. Prof S.D.Nagrare is Pursuing Ph.D at SPPU, Pune.
2. Prof P.B.Nangare is Pursuing Ph.D at SPPU, Pune.
3. Prof R.D.Nalawade is Pursuing Ph.D at SPPU, Pune.
4. Prof D.V.Wadkar is Pursuing Ph.D at SPPU, Pune.
5. Prof. V.S.Chavhan is Pursuing Ph.D at JSPM Narhe, SPPU Pune.
6. Prof. K N Kulkarni is Pursuing PhD at RSCOE,SPPU Pune.
7. Prof. Shilpi B.is Pursuing PhD at BIT,Mesra,Ranchi (Jharkhand).
8. Prof M S Chiwande is Pursuing PhD at CME,Pune.
9. Prof S Shah is Pursuing PhD at VIIT ,Pune

**e) Guest/Experts Lecture Organized:**

- Dr S R Parekar had arranged a guest Lecture on “Career counselling and Latest Software used in Construction Industry” Speaker Was Mr. Pritesh Deokar.
- Prof P B Nangare had arranged a Guest Lecture on “Dams and Hydraulic Structures” speaker was Bhate R R , Scientist B, CWPRS, Pune,on Oct 9<sup>th</sup> 2018.
- Prof P B Nangare has arranged a guest lecture on “How to prepare competitive Examinations ” Speaker was Mr. Omkar Shendure Executive Engineer, Irrigation department, Govt. of Maharashtra on 26<sup>th</sup> Feb 2019.
- Prof P B Nangare has arranged a Poster completion cum Exhibition on “ Dams and Hydraulic structures” ,on 26<sup>th</sup> Feb 2019.
- Prof R D Nalawade had arranged a Guest Lecture on “Advances in Geotechnical Engineering” speaker was Er. Ramesh Kulkarni, CMD, Soiltech India Pvt Ltd,Pune,on Oct 18 2018.
- Prof D V Wadkar had arranged a Guest Lecture on “ Advances in waste water Engineering” speaker was Dr. P.S. Dange ,Assistant Director Dnyanyash Enviro Infra Pvt Ltd,Pune,on Oct 16 2018.
- Prof D V Wadkar had arranged a Guest Lecture on “ Traditional water resources” by Dr. Abhijeet Ghorpade on 5<sup>th</sup> March 2019.
- Prof G C Chikute had arranged a Guest Lecture on “Advancement in Pavement Design” speaker was Mr Khare Tushar, Lab In charge Pune Municipal Corporation Hot Mix Plant, Yerwada, Pune, Oct 2018.
- Prof M S Chiwande had arranged a Guest lecture on “How to crack GATE?” Speaker was Mr. Pushkar Deshpande, on July 2<sup>nd</sup> 2018.
- Prof K N Kulkarni, Prof S P Khedekar had arranged a Guest Lecture on “ Project Management aspects on Precast RC structures” by Mr. Milind Kulkarni,on 25<sup>th</sup> March 2019.



  
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- Prof P R Satarkar has arranged a Guest Lecture on “Application of Software in steel structures” speaker was Er.Versa Jog Kanetkar, Director Veracity Structural Consultant, Pune on Oct 16<sup>th</sup> 2018.
- Prof Shilpi Bhuinyan, Prof P R Satarkar had arranged a Guest Lecture on “RCC Precast structures” by Mr. Milind Kulkarni, on 25<sup>th</sup> March 2019
- Prof M V Waghmare had arranged a Guest Lecture on “IS 456 -2000 Requirements for structural Designing and implementation on STAAD-Pro” speaker was Er.Versa Jog Kanetkar, Director Veracity Structural Consultant, Pune.
- Prof M V Waghmare had arranged a Guest Lecture on “Demonstration of use of shake use of Shake table and Data Acquisition System” speaker was Mr. Rohit Babje, Design Associate, Birajdar and Associates, Pune.
- Prof M V Waghmare had arranged a Guest Lecture on “Continuous system” speaker was Prof M. V. Bhogone, Associate Prof, COE, Pune.
- Prof. S P Khedekar had arranged a Guest Lecture on “BMS Software” by Mr. Prashant Patil, on 3<sup>rd</sup> April 2019.
- Prof A M Deulkar had arranged a Guest Lecture on “Introduction of RERA” speaker was Er.Amit Shah on Sept 27<sup>th</sup> 2018.
- Prof A M Deulkar had arranged an Expert Talk by Mr. Bilal on 1<sup>st</sup> March 2019.

**h) Novel Teaching –Learning Process:**

The department has made the learning process most interactive by giving the students liberty to approach the faculty members freely and establish with them a friendly relation in getting pin pointed tips making any subjects interesting and easy for preparation and thereby remaining free from stress which otherwise builds up considering learning as burden.

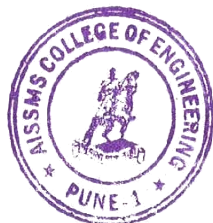
**2.0 Academic Achievements:**

**a) University Examination Results )**

• **Academic Result:**

Sr. no.	Class	No. of Distinction	No. Of First Class	ATKT
1	SE	20	21	--
2	TE	47	32	--
3	BE	103	23	--

• **Topper’s List:**



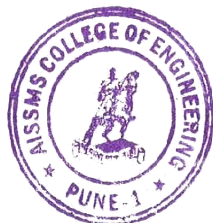
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Sr. no	Class	Name	Percentage
1	SE	Khair Kanchan Satish	8.88 SGPA
		Neil Rajesh Lapalika	8.82 SGPA
		Shewale Pratik Popat	8.66 SGPA
2	TE	Date Ragini Dattatraya	9.28 SGPA
		Bafna viral Satish	9.15 SGPA
		Tamboli Mohammad H L	9.02 SGPA
3	BE	Ghatage Poonam Rajendra	82.20%
		Mengade Akshay Ramdas	81.53%
		Deshmukh Aishwarya Sunil	80.06%

**b) Students Special Achievements :**

- ❖ Tamboli Mohammad Jakreeya liyakat was Gold medallist Topper (95 %) for subject “Design of Reinforced concrete structures” in NPTEL online certification conducted by IITs and Ministry of HRD.
- ❖ Mahima Nilapwar was selected as Best leading Actress Vinodattam Karandak, Dajikaka Gadgil Karandak and Bharat karandak.
- ❖ Agraj chakor was a light operator and set preparation for Vinodattam Karandak, Dajikaka Gadgil Karandak and Bharat karandak.
- ❖ Pratik Lahane was a team member for set preparation for Vinodattam Karandak, Dajikaka Gadgil Karandak and Bharat karandak.
- ❖ Total 175 students of Civil Engineering students certified in NPTEL online certification conducted by IITs and Ministry of HRD.
- ❖ Dhiraj Idamakanti attended the National Delegate Leadership Summit of AIESEC in Ahmedabad.



  
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**Cultural Team**

c) **Competitive Examination:** Seven students have qualified GATE and GRE Examination.

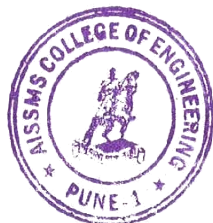
List of students are-


- Tarang Kotkar
- Md Jakareeya Tamboli
- Vaishnav Zade
- Gaurav Kasar
- Sushant Mane
- Shubham Pashankar
- Harshal Prabhukhanolkar
- Nachiket Mahajan
- Rushikesh Tapkir

d) **Sports Achievements**



**University Runner Up , Pune -2018**



  
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- **University Runner up and Summits winner -2018**

The names of the students in Cricket team are as follows:-

Sr. No	Name of the students	Year	Branch
1	Kartikey Adhav	BE	Civil
2	Rushikesh Sherkar	BE	Civil
3	Prateek More	TE	Civil
4	Shantanu Dahatonde	TE	Civil
5	Amey Remaniche	SE	Civil
6	Swaroop Godse	SE	Civil



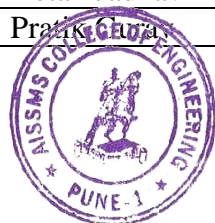
**WINNER –SUMMIT -2018**

- College Men's Football team Secured Winner Position IN 6- ASIDE ait Football Tournament.on feb 18<sup>th</sup> 2019.Also participated on following Tournamnets Flame university,AFMC,MIT Summit,Relience,SPPU Tournament,Cummins Football Tournament etc.

Sr. No	Name of the students	Year	Branch
1	Pranav Bhandari	TE	Civil
2	Sahil Bramhecha	TE	Civil

- College Men's Hockey team 2019 has participated on following Tournamnets AFMC,ZEST,NESS WADIA Tournaments etc.

Sr. No	Name of the students	Year	Branch
1	Ketan Jadhav	TE	Civil
2	Pratik Ghosh	TE	Civil



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- College Men's Kabaddi team 2019 Secured Winner Position in VIIT Tournament, and participated in ZEST, Tournaments etc.

Sr. No	Name of the students	Year	Branch
1	Paresh Gavate	TE	Civil
2	Rushikesh Jagtap	SE	Civil

e)Extra Curricular Achievements of Students:Inter-Collegiate Competition: University of Pune, Pune City Zonal Sports committee organized various Inter- collegiate sports. Our college students participated in the events like Athletics, handball, Football, Volley ball, Table-tennis, Badminton, Kho – Kho etc.at various Inter-Collegiate, Inter-Zonal, Inter-University, State level and National level competition.

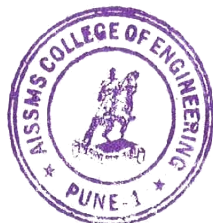
### 3. Department activities

- Prof G C Chikute, Prof K N Kulkarni and Department had arranged One day Workshop on “ Advanced Trends in Environmental and Transportation Engineering” organised by Department of Civil Engineering, Aissms COE, Pune in association with Savitribai Phule Pune University, on March 26<sup>th</sup> 2018.



### Inaugural Function

- Prof P B Nangare had arranged the inauguration of the institute industry Club and a guest Lecture by Dr. Kiran Bhagate (Managing Director, IDAC Pvt. Ltd).on July 25<sup>th</sup> 2018.



  
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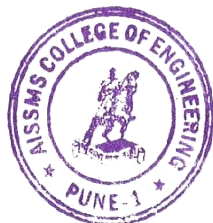



### Inaugural Function Of I 3 & Lecture Delivered By Dr. Kiran Bhagate

- A model making competition was arranged on Sept 3<sup>rd</sup> 2018. for students focusing on the various elements of the buildings, types of buildings and new techniques in Civil Engineering. Co coordinators - Prof S P Khedekar and Prof C S Misal



### Model Making Competition judged by Mr. Shekhar Shinde, Architect and Owner of S2A Studio



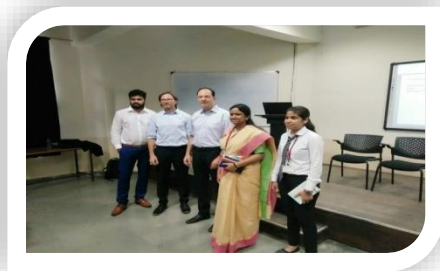
  
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- A poster presentation competition was arranged on Aug 31<sup>st</sup> 2018. for students focusing on various aspects of Civil Engineering. coordinators - Prof S P Khedekar and Prof C S Misal.



**Poster Presentation Competition Judged by Mr. Sanman Kulkarni, Environmental Consultant, Suma Shilp**

- Department of Civil Engineering had arranged an Interaction lecture on “Higher studies in German University”. Coordinator Prof Shilpi Bhuinyan

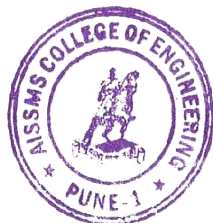


- On 27<sup>th</sup> July 2018, the students of the Civil Department organised the Guru Poornima function. Coordinator Prof M S Chiwande.



**Faculties and Student present on the occasion of Guru Poornima**

- Planter activity was arranged for students under the Guidance of Prof M S Chiwande at Civil Engineering Department



*[Signature]*  
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- Department of civil engineering had arranged the felicitation program to honour the students who have topped in the college in the final year university examinations.



**Poonam Ghatage(1 Rank) Akshay Mengade(2 Rank) Aishwarya Deshmukh (3Rank)**

- Department of Civil Engineering had organized “ Two day National seminar on “ Environment and Green Technology for sustainable development” on Jan 18<sup>th</sup> -19<sup>th</sup> 2019,Sponsered by SPPU,Pune.

#### 4. Academic research:

Inter-disciplinary research centers: NIL

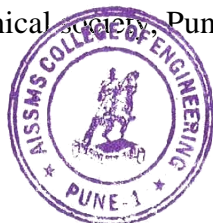
In-house research projects: NIL


Project Exhibition Project: Nil

Externally funded projects :NIL

#### 5. Professional Activities:

- Prof R D Nalawade is working as a Executive committee member of Indian Geotechnical Society Pune chapter.



  
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**All India Shri Shivaji Memorial Society's  
College of Engineering Pune-01  
Department of Chemical Engineering  
Annual Report-April 2018-April 2019**

**1) Jagruti 2019: April 07, 2019**

Department of Chemical Engineering organized Social Event Jagruti 2019 at Kalyan near Kodhanpur, Dist Pune on April 07, 2019. Objective of the event was to create a social awareness amongst people like giving information on how to do voting on VVPAT, also explaining government schemes for, Villages and Farmers. Coordinator: Pravin S Tadkar



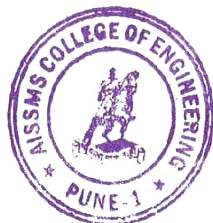
Team Jagruti with Sarpanch



Students explaining to the villagers

**2) Project Exhibition 2019 : April 03,2019**

Department of Chemical Engineering and Indian Institute of Chemical Engineering (IICChE) Student's Chapter organized Project Exhibition on April 03, 2019. The objective of the event was to show case talents of BE students through their projects. All the projects were evaluated by Mr Uday Bhatkahnde, Senior Engineer, Uhde India Pvt Ltd. Pune. Coordinator: Pravin S Tadkar



  
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BE Chemical Students explaining the project to Mr Uday Bhatkhande, Sr. Engg Uhde India Pvt Ltd, Dr K R Jethani Head Department of Chemical Engineering, Mr Pravin S Tadkar, Coordinator Project Exhibition 2019, Assistant Professor, Department of Chemical Engineering, AISSMS COE Pune



BE Chemical Students explaining the project to Mr Uday Bhatkhande, Sr. Engg Uhde India Pvt Ltd, Dr K R Jethani Head Department of Chemical Engineering, AISSMS COE Pune

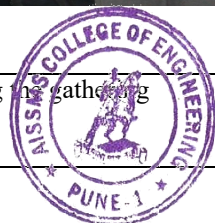
### 3) Industry Institute Interaction Meet: February 23, 2019

The Department of Chemical Engineering has organized the Industry Institute Interaction Meet on Saturday, February 23, 2019, Saturday. Objective of the meet was to bridge the gap between Industry and Institute.

Event Coordinator: Mr P M Warke and Mr R S Raut.



Mr S P Singh addressing the gathering



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Audience at Industry Institute Interaction meet  
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COLLEGE OF ENGINEERING 2019  
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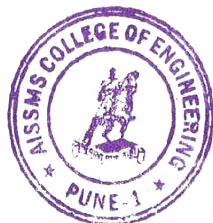
#### 4) National Seminar on Environment and Green Technology for Sustainable Development: January 18-19, 2019

Departments of Chemical and Civil Engineering organized a two day national level seminar on 'Environment and Green Technology for Sustainable Development' on January 18-19, 2019. The aim of the Seminar was to provide an inter-disciplinary platform for the dissemination of knowledge and practice on all aspects of Environment and Green Technologies for Sustainable Development. Coordinator Dr M S Deshpande

	
<p>Shri Suresh Pratap Shinde, Honorary Joint Secretary, All India Shri Shivaji Memorial Society felicitating chief guest Dr. V S Sapkal , Former Vice Chancellor, RTMNU, Nagpur, PG Committee Chairman, AICTE, New Delhi</p>	<p>Shri Suresh Pratap Shinde, Honorary Joint Secretary, All India Shri Shivaji Memorial Society felicitating Keynote Speaker: Dr S S Bhagwat, ICT, Mumbai along with Dr D S Bormane, Principal AISSMSCOE Pune</p>

#### 5) Engineering Today 2018:

Every year Department of Chemical Engineering organizes a Technical Annual Event Chemixir under the head of AISSMS Engineering Today (A National Level Students' Technical Symposium and Exposition). This year, Engineering Today was organized on **10-12 Sept 2018**. Coordinator Mr M Y Naniwadekar



  
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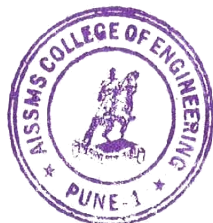
Dr Vivek Vithankar organizing event along with Dr P N Dange and Mr Pravin S Tadkar



Participants during the event

**6) Teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs**

Teaching Staff				
Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
2018-19	Dr. A. S. Jadhav	Assistant Professor	FDP on Water Management and Energy Conservation	14-07-2018
2018-19	Mr. K. B. Gandhi	Assistant Professor	FDP on Modern pedagogy and recent technological development	10-12-2018 To 14-12-2018
2018-19	Dr. A. V. Mohod	Assistant Professor	FDP on Water Management and Energy Conservation	14-07-2018
2018-19	Mr. P. S. Tadkar	Assistant Professor	FDP on Modern pedagogy and recent technological development	10-12-2018 To 14-12-2018



  
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## ANNUAL REPORT 2018-19

**Name of Department:** Computer Department

**HOD:** Dr. D. P. Gaikwad



**Intake:** shift I-60, Shift II-60.

**Starting Year:** 1992

### **Introduction of Department:**

The Computer Engineering Department of AISSMS College of Engineering was started in the year 1998. The goal of the Department is to prepare students for successful careers in software and hardware industry that meets the needs of Indian and multinational companies or to excel in higher studies. The Department has experienced and dedicated faculty members with strong commitment to the engineering education and professional ethics.

Computer Engineering is the field which deals with analyzing and designing hardware, software, and operating systems for a computer system. Our students are trained in software design and the integration of hardware and software. The Department has well equipped laboratories with a good number of personal computers, servers and latest licensed software's like Oracle, Rational Rose, MatLab, .NET, 3D-Max etc. The Central Computing facility and internet centre with 10 Mbps lease line are managed by the Department. The Department also has a library.

Various workshops, seminars, guest lectures, webinars and training programs based on current technologies are organized for the development of faculty and students. Industrial visits are arranged to expose the students to real world applications. The research work is carried out by the faculty along with students in the areas like Artificial Intelligence, Bigdata, IOT.

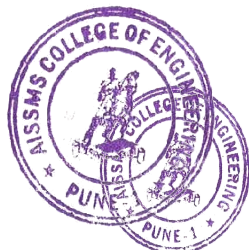
The annual technical event Bits-n-Bytes is conducted under the aegis of AISSMS Engineering Today. It is the mega event in which students from all over India and SAARC countries participate. Students are encouraged and guided for participating in various technical events organized by industries and reputed institutes.


As a result of sincere efforts of faculty & state of art facilities provided by the Department, our students are excelling in IT as well as other related industries.

### **1. Areas research studies:**

The following forefront areas have been identified to carry out the research studies.

- Cyber Security
- Big Data Mining
- Artificial intelligence
- Wireless Sensor Networks
- Cloud Computing
- Soft Computing



  
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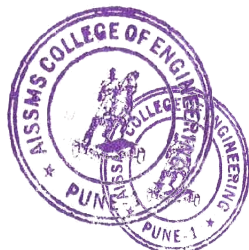
**2. Facilities:**


- 1) ERP System
- 2) WIFI Facility for Student.
- 3) Lab
- 4) Moodle
- 5) Service Bus
- 6) Smart Board
- 7) Virtual Lab
- 8) Swayam- Mooc
- 9) Library

**Performance of this year:**

- Academic Result: May 2018

Sr. No	Class	No. Of Students								Percentage of Passing	
		Appear ed	Clear Passe d	SG PA >9.5	8.5 to 9.5	7.5 to 8.5	6.5 to 7.5	SGPA< 6.5	Fail	All Clear	With ATKT
1	SE- I CE(A)	75	42	0	6	22	13	1	0	56 %	100 %
2	SE- II CE(B)	68	34	0	1	16	14	3	0	50 %	100%
3	TE- I CE(A)	75	61	1	3	28	21	7	14	81.30 %	100%
4	TE –II CE(B)	68	54	0	7	29	12	6	14	79.40%	100%
5	BE-I CE(A)	66	65	46	15	4	0	0	1	98.48%	100%
6	BE-II CE(B)	66	66	42	23	1	0	0	0	100 %	100%



  
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• Topper's List: May 2018

Sr. no	Class	Name	Percentage
1	SE – I	CHAUDHARI ANJALI MILIND	9
		TAMBOLI NUSARAT KASAMBHAI	8.98
		POOJA SHANTARAM NANGUDE	8.8
	SE-II	BHAINGADE PIYUSH TANAJI	8.78
		VISHAL	8.44
		KRISHNAN NANDANI BIPIN UPADYAY	8.3
2	TE –I	GHORPADE TAPASYA SUNIL	9.13
		RAUT AMRUTA HANUMANT	8.78
		BOROLE YOGITA GOVIND	8.56
	TE –II	MANKAR SHRIDHAR RAJENDRA	9.07
		NANGRE NANDKISHORE PRAKASHRAO	8.91
		SONI ROHAN SURENDRA	8.74
3	BE-I	JANGID YASHWANT RAJENDRA	79.93%
		PATIL HIMALI DAYARAM	78.20%
		GOSAVI RAJKUMAR ASHOK	77.73%
	BE-II	SARAP SHWETA RAMDAS	78.00%
		SHIVAM KUMAR SINGH	77.80%
		KADAM SAYALI SANJAY	77.33%

**Activities:** (Activities carried in academic year 2018 are only to be mentioned)

Example:

- Workshops / Seminars/ Guest lecturers arranged by Department for students
  - Seminar** on Project Opportunities and Guidance on 29 June 2018 under IE Students' Chapter

**Information about Seminar:** Mr. Pranav Sharma is currently working in Netflix as a Data Scientist. Computer Engineering Department organized Expert Lecture on Artificial Intelligence, on 29th June 2018 to bridge the curriculum gap of Artificial Intelligence subject. 95 students actively participated in this lecture.



Mr. Pranav Sharma from Netflix interacting with students



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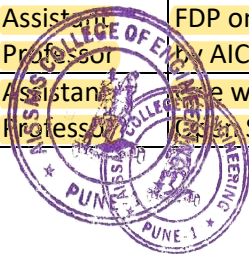
**Achievements of this year (2018-19): -**

**1. Faculty – 13 NPTEL Certification**

2. Dr. D P Gaikwad, "Hyper Parameters Tuning of N-Gram evaluation based Machine Learning Model for Sentiment Analysis ," IJRAR, Vol. 5, Issue.04, December 2018, ISSN No. 2348-1269. PP.428-436
3. Minal M Swami "Review of Different Schemes of Image Enlargement" IJRASET, Vol.07,Issue.01,Jan 2019,ISSN No.2321-9653
4. C K Vasvani and S S Kolte, "Secure sharing Hospital Data using Visual Cryptography," International Journal of Innovative Research in Computer and Communication Engg, Vol. 6, Issue.11, November 2018, ISSN No. 2320-9801.

**FDP/Workshops Attended:**

Year	Name of the participant	Designation	Title of the FDP / professional development / administrative training program
Dr D P Gaikwad	Assistant Professor	Workshop on Artificial Intelligence and Deep Learning organised by Greater Noida	06-10-2018 to 8-10-2018
Dr M A Pradhan	Associate Professor	Participating Knowledge of knowledge sharing program Developing student teacher connect organised by IBS	10-08-2018
N R Talhar	Assistant Professor	FDP for Laboratory Practice IV organised by D.Y.Patil ,akurdi	1/7/2019
A J Kadam	Assistant Professor	One Week orientation program on "Modern pedagogy and Recent Technological development" organised by AISSMSCOE	10-12-2018 to 14-12-2018
Dr.S F Sayed	Assistant Professor	FDP NPTEL Introduction to Internet of Things	Jul-Oct 2018(12 weeks)
S V Athawale	Assistant Professor	FDP on Cyber Securirty organized by Shivaji university	11-02-2019 to 17-02-2019
A S Deokar	Assistant Professor	FDP on Cyber Securirty organized by Shivaji university	11-02-2019 to 17-02-2019
V V Waykule	Assistant Professor	FDP on LP 2 organized by TCS	16-07-2018
D M Ujalambkar	Assistant Professor	One Week orientation program on "Modern pedagogy and Recent Technological development"AISSMSCOE	10-12-2018 to 14-12-2018
A Gupta	Assistant Professor	FDP on Laboratory Practice -I organised by MIT	10-07-2018 to 12-07-2018
M M Phadtare	Assistant Professor	One Week orientation program on "Modern pedagogy and Recent Technological development"AISSMSCOE	10-12-2018 to 14-12-2018
O P Kasarlewar	Assistant Professor	FDP on Laboratory Practice -I organised by MIT	10-07-2018 to 12-07-2018
N S Devekar	Assistant Professor	FDP on Softwear Engineering organised by AICTE	Jul-Oct 2018(12 weeks)
S S Jadhav	Assistant Professor	One week STTP on Software testing using Test Source Tools organized by AICTE	06-06-2018 to 10-06-2018



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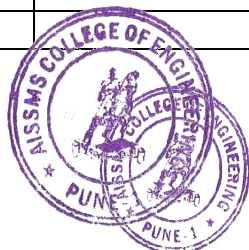
		Akurdi	
M M Swami	Assistant Professor	One Week orientation program on "Modern pedagogy and Recent Technological development"organised by AISSMSCOE	10-12-2018 to 14-12-2018
S S Deshmukh	Assistant Professor	Workshop on Machine learning and python organised by Cummins college of Engineering	21-12-2018 to 22-12-2018
S S Kolte	Assistant Professor	One Week orientation program on "Modern pedagogy and Recent Technological development"organised by AISSMSCOE	10-12-2018 to 14-12-2018
C K Vaswani	Assistant Professor	One Week orientation program on "Modern pedagogy and Recent Technological development"organised by AISSMSCOE	10-12-2018 to 14-12-2018

#### Students Achievements –

- Department: Our students brought sponsorship in ET with amount of Rs. 38000 and coupons worth 15000
- 
- TE student Shweta Chousalkar got best side actress award in Purroshotam Karandak 2018

#### Sports Achievements of student

Sr.No.	Name of the Student /Team	Prize	Discription
1	VaibhavNarde	Best Batsman	AISSMSCOE Cricket Team
2	Animesh Kumar		
3	Football(M)	Winner	Computer
4	Manjiri Thombre Footbal (W)	Winner	Computer
5	VivekTodmal	Chess(Winner)	Runner Up at "Infinity", intercollegiate Chess competition
6	Ashish Bhingardive	FirodiyaKarandak- 2 <sup>nd</sup> prize Contemporary Dance	Trophy + Certificates
7	Shreya Vashikar	Vinodottamkarandak – Best Supporting Actress Dajikaka gadgil Karandak- Consolation Prize for supporting role Bharat Karandak- Best actress in Supporting role	
	Abhishek Limkar	Best Player – Basketball	



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### NAAC Visit

- The NAAC peer team visited the College on 7th September 2018. As per schedule one of the member of the NAAC peer team,

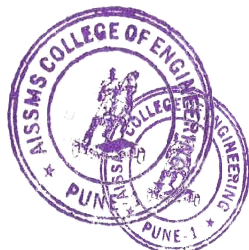



Dr Anil Kumar Tripathi Professor at IIT(BHU) visited Computer Engineering Department at 2:00 pm . He was welcomed by the Head of Computer Engineering Department, Dr D P Gaikwad with a bouquet. He interacted with every faculty of the department. All faculties were very keen to introduce themselves

### Engineering Today

Department of Computer Engineering arranged various events in “Engineering Today” on 10<sup>th</sup> and 11<sup>th</sup> September 2018. Under the event “Bits N Bytes” various technical events were conducted as follows:

- For the event “Quizzlers”, we invited Mr. Mallikarjun V. Swami, senior manager voda idea ltd, Pune. Software for quizzlers was developed by the Computer Engineering Students. Around 60 students participated in this event.



  
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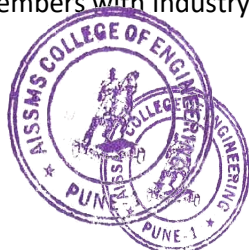
- For the event “Technical Paper Presentation”, we invited Prof. Vijay Kotkar from Rajshri College of Engineering, Pune as judge, in which 22 students participated.
- Department also arranged a fun filled event “Internet Treasure Hunt” on 10<sup>th</sup> & 11<sup>th</sup> September 2018 for which Mr. Amol Aher, Kastech Sol Pvt. Ltd Pune Founder and CEO acted as a judge. Around 72 students participated in this event.
- For the event “Hide N C’K”, we invited Mr. Amit Shah, Vodafone Pvt.Ltd Pune, as a judge on 10<sup>th</sup> & 11<sup>th</sup> Sept. 2016. Around 46 students participated in this event.
- In the event “Code Blooded” we invited Mr.Sandipkumar Patil from Cognizant as a judge. Department organized “Science Exhibition” on 12<sup>th</sup> Sept 2018 in which 20 projects were presented by students.

**IE Students’ Chapter Events:**

**Our department organized around 22 different activities under IE Students’ Chapter.**



Student members with Industry Expert Machine Learning Workshop



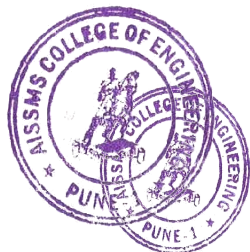
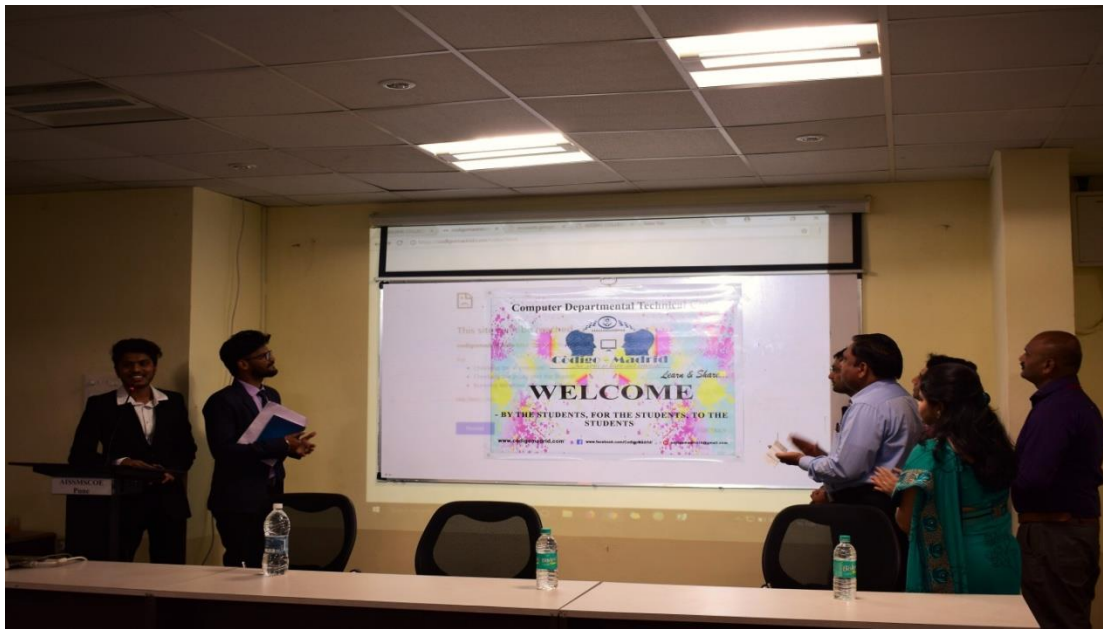
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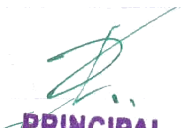


Event: SEMINAR ON “ EDUCATIONAL OPPORTUNITIES IN ABROAD

**Students Club : Codigo Madrid**

Our students started a club named Codigo Madrid in which students teach other students their expertise.



  
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**Department of Electrical Engineering**  
**Annual Report 1.4.2018 to 31.3.2019**

**1. NAAC Visit:**

The college and subsequently department underwent the NAAC Accreditation process on 7<sup>th</sup> and 8<sup>th</sup> Sep 2018.

**2. Activities conducted:**

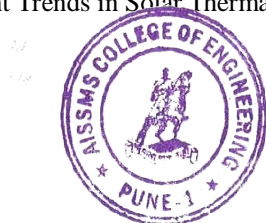
Electrical Engineering Department had organized following workshops:

a. Arduino Workshop:

Electrical Engineering Department had organized a one day workshop on Arduino for BE and TE Electrical students. The workshop was conducted by Mr Rigved Kelkar.



b. Recent Trends in Solar Thermal systems:



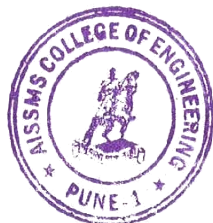
  
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Electrical Engineering Department in association with SPPU has organized a one day seminar on “Recent Trends in Solar Thermal systems” on 21<sup>st</sup> & 22<sup>nd</sup> Feb 2019 for Faculty of SPPU and students.



c. MATLAB workshop:

Electrical Engineering Department in association with MATHWORKS has organized a one day workshop on MATLAB for TE Electrical students on 05/03/2019



  
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d. Expert Lecture:

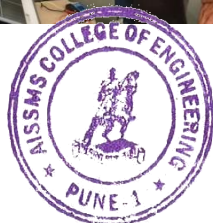
Electrical Engineering Department had organised an Expert Lecture on “**Electric Vehicles : Current Practices and Future Trends**” on 28/03/2019 from 9.30 hours to 12.30 noon. It was exclusively arranged for the research scholars, faculties and BE Electrical students. The eminent Experts were

1. **Mr Apurbo Kirty,**  
Associate Chief Engineer  
Electrical and Electronics,  
Mahindra & Mahindra,  
AFS Sector, Chennai.
2. **Mr Sanjay Phegade,**  
Senior Principal Engineer  
Electrical and Electronics,  
Mahindra & Mahindra,  
AFS Sector, Chennai.
3. **Mr S Murugesh**  
Lead Manager  
Electrical and Electronics,  
Mahindra & Mahindra  
AFS Sector, Chennai



e. **BE project Exhibition/ Competition:**

An exhibition of the projects of the BE students was arranged on 2<sup>nd</sup> April 2019.



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Some of the project groups had participated at State level project competition organised at MM College of Engineering on 4<sup>th</sup> April 2019 in association with IEEE PES- IAS Chapter and Young Professional affinity group( IEEE Pune Section) . The first prize was won by SE Electrical Group- Anurag Lambhor, Omkar Dahiwal and Pranav Deshmukh

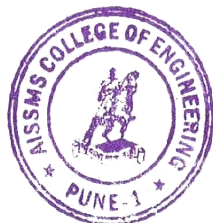
### 3. Social Activity:

#### a. Visit to Orphanage:

The Electrical Engineering Department has organized a social activity session at Avishri Balsadan, Kurukumbh, Daund on 23<sup>rd</sup> Feb 2019. 20 students from S.E Electrical along with two teaching staff (Dr (Mrs) A A Godbole and Mrs P Sankala) have conducted the activities. There were 18 numbers of orphans at that ashram.

Different activities singing, dance, speech, indoor games were conducted by the Students for the Orphans. The students tried to enhance the skills of the orphans with the help of activities. The winners of the activities were awarded by staff and the students.

Some Glimpses of the event:-



  
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**b. Career Counseling:**

The Electrical Engineering Department had organized a career counseling session for 11<sup>th</sup> Grade students from ‘Firangimata Secondary and Higher Secondary Vidyalaya, Kurkumbh’ on 23<sup>rd</sup> Feb, 2019.

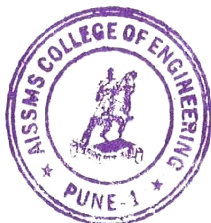
The session was spearheaded by Dr (Mrs ) A A Godbole, Mrs P Sankala and two of Second Year Electrical students, Mr Sudarshan Lule and Mr Shripad Pande.

Some glimpses of the event:



➤ **Engineering Today “Watts 2018**

Department of Electrical Engineering named Engineering Today 2018 as WATTS 2018– The Power of Electrical Engineering on 10<sup>th</sup>, 11<sup>th</sup> sep 2018. Events included technical events like Technical Paper Presentation, PIRATES OF WIZARD , TECHNICAL CROSSWORD, BRAIN POP and non technical competitions, LICENSE TO KILL Parachute Panic & NFS and Science exhibition.



  
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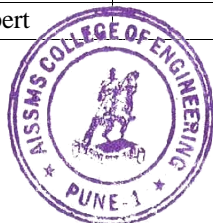
- **Science exhibition** was held on 12<sup>th</sup> Sept from 10 am to 2pm. This event gives a platform for the students to exhibit their projects. Students of the college displayed different projects, hardware and models to explain the fundamental principles of science and their applications. The visitors were the students of 9<sup>th</sup> and 10<sup>th</sup> std. of different schools and students of junior college.



#### 4. Expert Lectures and Industrial visits arranged for students:

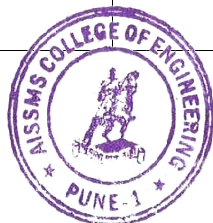
Guest lectures by the experts from various fields were arranged for the students:

Date	Activity Planned	Topic	Speaker/ Coordinator	No. of Participants
5 /07/2018	Arduino Workshop		Mr Rigved Kelkar	60
26/07/2018	Expert	Career	Miraj Thomas,	45



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	Lecture	Guidance	Career Launcher,Pune	
10/07/2018	Expert Lecture	ITM		32
4/10/2018	Industrial Visit	Cahors Industries, Ranjangaon MIDC	AAA	40
	Expert Lecture	Power System	Mr O A Pawaskar	55
22/01/2019	Expert Lecture	Industrial training and career opportunities	Mr Sushant Kerimani, SKADA Technologies,	65
	Expert Lecture	Energy audit		65
1/02/2019	Industrial Visit	Industrial Drives	Sakal Press Urli Devachi	50
22/02/2019	Industrial Visit	Industrial Drives	Anuraj Sugars Ltd, Yavat	35
23/02/2019	Social Program	Educational and Fun Games conducted	Avishree Balsadan,Kurku mbh	30
23/02/2019	Social Program	Career Counseling	Shri Firangai Maata Secondary and Higher Secondary School, Kurkumbh	75
5/03/2019	Expert Lecture	Modeling and Simulation of ElectroMechanical System	Mr. Dhirendra Singh	45
27/03/2019	Expert Lecture	Case studies on Energy conservation	Mr Kumar Pawar, Nashik	64
28/03/2019	One day Seminar	Electric Vehicles	Mr Arpurbo Kirty, Mahindra & Mahindra , Chennai	75
02/04/2019	Expert Lecture	Applications of Drives	Mr Manoj Badave, Tata motor, Pune	60



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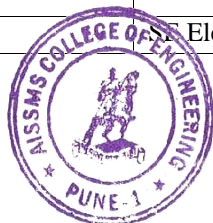
10/04/2019	Industrial Visit	Transformer design	Rebus Industries LLP, Chakan	51
11/04/2019	Industrial Visit		Nashik	16
11/04/2019	Industrial Visit	Traction systems	Pune Station Locoshed	60



**Achievements of this year (2018-19): -**

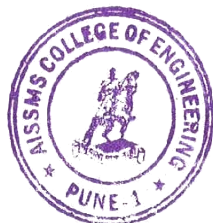
**1. Students:**

S No	Name of the student	Class	Activity	Prize
1	Anurag Lambor Onkar Dahiwal Krishna Dongare	SE Electrical	SS12 Project competition organized by IEEE Pune section in association with PCCOE Nigdi ,Pune	3rd Prize
2	Anurag Lambor	SE Electrical	All India Seminar on Engineering to Innovation to Product and Service-Technical Paper Presentation	1 <sup>st</sup> Prize Best Paper
	Anurag Lambor	SE Electrical	Project Innovation Contest	



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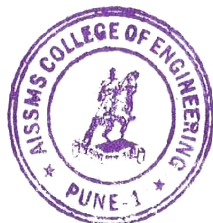
			organized by KIIT Bhubaneswar.	
3	Apul Sontakke Shubham Kale	BE Electrical	NPTEL Course	Successfully completed with ELITE Category
4	Sanket Pise	TE Electrical	Lawn Tennis Tournament, organized by MIT ,Pune	Runner up
5	Mandar Limaye Shivani Sonwane Harshada Patil	BE Electrical	Sulbha karndak “State level Street Play competition”	Selected to final round
6	Malhar Nigade	SE Electrical	1.Summit Cricket  2.University Cricket  3.Engineers Cup, Nashik  4.Zest Cricket	1.Winners  2.Runner ups  3.Winners  4.Winners
7	Deepanshu Kumar	BE Electrical	1.CME Football  2AIT  3.PDFA	1.Runner ups 2.Winners  3.Runner ups
8	Aditya Baraskar	BE Electrical	1. Poetry slam at Vedant , BJ Medical. 2. Lilliput event in Firodiya Karandak 3.Poetry slam at Troika, BMCC	1.2 <sup>nd</sup> Prize 2.2 <sup>nd</sup> Prize 3.3 <sup>nd</sup> Prize
9	Nihar Kamble	BE Electrical	Vinodattam Karandak	2 <sup>nd</sup> Prize
10	Rutuja Ghugarkar	BE Electrical	Poster Making Competition At Modern COE,Pune	1st prize
11	Shubham Kale	BE Electrical	Paper Presentation , Bharati Vidyapeeth COE,Pune	1st prize
12	Sanket Pise	BE Electrical		
13	Ketan Maske	BE Electrical	Institute of Engineers	

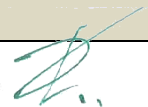


  
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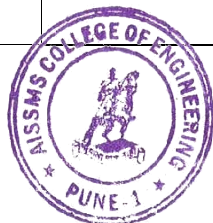
**FDP/STTP ATTENDED BY THE DEPARTMENT FACULTY (Total No. )**

Sr No	Name of Faculty	Title of the FDP/STTP	Organized by	Duration/ Dates
1	Dr.A.A.Godbole	FDP on Vision –Mission –PEO-PSO-PO-CO Farming Mapping, Assessment and Attainment	AISSMS COE	10/06/2019 - 15/06/2019
		Advanced linear continuous control systems Application with MATLAB Programming and Simulink	NPTEL	Aug. to Oct. 2018
2	Dr.A.A.Apte	FDP on Vision –Mission –PEO-PSO-PO-CO Farming Mapping, Assessment and Attainment	AISSMS COE	10/06/2019 - 15/06/2019
3	Mr. L.S.Godse	National Level Workshop on Outcome based Education Frame work	AISSMS COE	09/12/2019 - 14/12/2019
4	Mrs. V.N. Tarange	FDP on Vision –Mission –PEO-PSO-PO-CO Farming Mapping ,Assessment and Attainment	AISSMS COE	10/06/2019 - 15/06/2019
		Modern pedagogy and recent technological Development	AISSMS COE	10/12/2019 - 14/12/2019
5	Mr V.S. Ponshe	FDP on Vision –Mission –PEO-PSO-PO-CO Farming Mapping ,Assessment and Attainment	AISSMS COE	10/06/2019 - 15/06/2019



  
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		Recent Trends in Solar Thermal Systems and its scope in India	AISSMS COE	21/02/2019 - 22/02/2019
		FDP on Power system Simulation using CYME and PSIM	Government College of Engineering, Jalgaon	28/01/2019 - 01/02/2019
		Modern pedagogy and recent technological Development	AISSMS COE	10/12/2018 - 14/12/2018
6	Mrs. P. Sankala	FDP on Vision –Mission –PEO-PSO-PO-CO Farming Mapping ,Assessment and Attainment	AISSMS COE	10/06/2019 - 15/06/2019
7	Mr. R.S. Shinde	FDP on Vision –Mission –PEO-PSO-PO-CO Farming Mapping ,Assessment and Attainment	AISSMS COE	10/06/2019 - 15/06/2019
8	Ms. S. Vadi	STTP Problem base Learning	National Institute of Technical Teachers' Training and Research, Kolkata	20/05/2019 - 31/05/2019
9	Mr. V.V. Kulkarni	FDP on Vision –Mission –PEO-PSO-PO-CO Farming Mapping ,Assessment and Attainment	AISSMS COE	10/06/2019 - 15/06/2019
		Faculty Development Program on Data Science	FDC PMMMNMT T	17/06/2019 - 22/06/2019



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<b>10</b>	Ms B.S.Bobdey	FDP on Vision –Mission –PEO-PSO-PO-CO Farming Mapping, Assessment and Attainment	AISSMS COE	10-06-2019 - 15/06/2019

## 2. Faculty:

**Dr AA Godbole** published paper in UGC approved Journal JASC Journal volume VI, Issue1, January 2019

**Dr AA Godbole** published paper in IEEE ICICCS, May 2019

She worked as reviewer for Springer Journal of Electrical Engineering, IEEE Transactions on Industrial Electronics, IEEE Transactions on Control Systems Technology Journal

Dr AA Godbole Secured 87 Marks in NPTEL Online Certification Examination October 2018

### **Dr MH Dhend**

Received Women Research Award, by International organization of scientific research and development (IOSRD), September 2018

Delivered a key note speech in International Conference ICEEE-2018, held on 26-27 July 2018 in Barcelona, Spain.

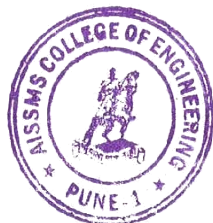
Worked as a reviewer in many International conferences

Worked as TPC member in many International conferences

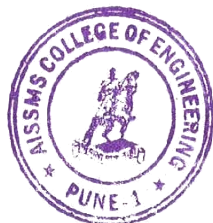
### **A.A.Apte**

Published a paper at IEEE/CAA Journal titled

Aishwarya Apte, Ujjwala Thakar, and Vrunda Joshi "Disturbance Observer Based Speed Control of PMSM Using Fractional Order PI Controller", IEEE/CAA JOURNAL OF AUTOMATICA SINICA, VOL. 6, NO. 1, JANUARY 2019



  
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**AISSMS COLLEGE OF ENGINEERING, PUNE 01**

**DEPARTMENT OF E&TC ENGINEERING**

**ANNUAL REPORT (1 APRIL 2018 TO 31 MARCH 2019)**

**I. DEPARTMENT STUDENT'S ACHIEVEMENT:**

**i. AISSMS COE ROBOTICS CLUB:**

- Team Aviot-o-Virtue : “The AISSMS COE ROBOTICS CLUB” won 4th prize in ROBO SOCCER at BITS Pillani, Goa on 1/02/2019
- 2nd and 3<sup>rd</sup> prize in ROBO SOCCER at D Y Patil, Akurdi on 13/02/2019
- 3<sup>rd</sup> prize in ROBO WRESTLING at D Y Patil, Akurdi on 13/02/2019
- 1<sup>st</sup> and 2<sup>nd</sup> prize in ROBO SOCCER at AISSMS IOIT, Pune on 20/02/2019
- 1<sup>st</sup> and 2<sup>nd</sup> prize in ROBO WRESTLING at Symbiosis International University on 27/02/2019
- 1<sup>st</sup> and 2<sup>nd</sup> prize in ROBO MAZE at Symbiosis International University on 27/02/2019
- 1<sup>st</sup> prize in ROBO SOCCER at VIIT, Pune on 18/03/2019

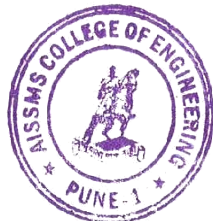
**ii. AISSMS COE DRONE CLUB:**


- Team Aviot-o-Virtue : “The AISSMS COE DRONE CLUB” won 1<sup>st</sup> prize in AIR-O-TASK at AISSMS COE, Pune on 11/09/2018.
- 1<sup>st</sup> and 2<sup>nd</sup> prize QUADCOPTER CHALLENGE at AISSMS IOIT, Pune on 21/02/2019
- 1<sup>st</sup> and 2<sup>nd</sup> prize in QUADCOPTER CHALLENGE at Symbiosis International University on 28/02/2019

**iii. Ms Shtruti Palsutkar TE E&TC Engg, elected as All India Students Committee (AISC) member of Institute of Engineers (India).**

**II. DEPARTMENT STAFF'S ACHIEVEMENT:**

- Dr. D S Bormane elected as a chairman of Board of Studies (Department of Electronics Engineering & E&TC Engineering) SPPU.
- Mr N P Mawale elected as Adviser Representative of Engineering College on National Level committee of Institution of Engineers(India)



  
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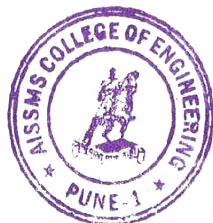
### III. DEPARTMENT EVENT CONDUCTED:


#### i. WORKSHOPS ARRANGED FOR FACULTY MEMBERS:

- Faculty orientation Program for BE (Electronics) of subject “Computer Networks & Security and Process Instrumentation ” revised syllabus 2015 course under the aegis of BOS( Electronics/ E & TC) SPPU, Pune, 13/12/18 and 14/12/2018

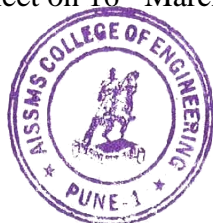
#### ii. WORKSHOPS/SEMINARS/GUEST/EXHIBITION LECTURES ARRANGED FOR STUDENTS:

- Ms K B Chaudhari arranged 2 days workshop for BE students on ”IOT applications using Raspberry Pi” conducted on 8<sup>th</sup> and 9<sup>th</sup> September 2018. Workshop was conducted by Mr Sachin Shukla, SGM Technologies, Pune.
- Ms K B Chaudhari arranged 2 days workshop for SE, TE and BE students on ”Humanoid Robot ” conducted on 7<sup>th</sup> and 8<sup>th</sup> September 2018. Workshop was conducted by Mr Shubham Ghodake ,Techno Yatra, Pune.
- Ms V S Navale arranged 5 days workshop for SE students on” Python Programming” conducted on 9<sup>th</sup> January to 12<sup>th</sup> January 2019. Workshop was conducted by Mr Shubham Ghodake and team , Techno Yatra ,Pune
- Ms R R Itkarkar arranged 5 days workshop for TE students on “Embedded C with Aurdino” conducted on 17<sup>th</sup> December to 20<sup>th</sup> December 2018.
- Ms V D Nagrale arranged seminar come workshop for SE, TE and BE students on”Art of Selling Through Story Telling” conducted on 16<sup>th</sup> March 2019. Workshop was conducted by Mr Pradeep.
- Ms V D Nagrale arranged Guest Lecture for BE students on “Career Counsel for IT Solution” conducted on 15<sup>th</sup> January 2019. Bhagyashree Bhatt (CEO IT Solution Training) delivered a lecture.
- Ms R R Itkarkar arranged Aptitude Training For SE, TE and BE students.
- Dr D G Bhalke co ordinated an expert Lecture delivered by Mr Pratap Sanap for SE, TE, BE students of all Branch on ”Hackathon 2019”



  
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- Dr D G Bhalke arranged a Seminar for SE, TE and BE students on “Machine Learning” conducted on 18<sup>th</sup> March 2019. The lecture was delivered by Mr Girish Palshikar , Principal Scientist , TCS Pune
- Dr D G Bhalke and Ms R R Itkarkar arranged a Seminar for SE, TE and BE students on “ Recents Trends in IOT and its Applications “ on 19<sup>th</sup> March 2019. The seminar was delivered by Expert members of Abhigyanam Ind Eyes Pvt Ltd.
- Ms V V Deshmukh arranged an Expert Lecture for SE,TE and BE students on” Solar Technology and its applications conducted on 8<sup>th</sup> February 2019. An expert lecture was delivered by Mr Chaitanya Thombare, CEO, Power Waves Pune.
- Dr D G Bhalke arranged a Guest Lecture for BE students on “CNN and RNN” on 1<sup>st</sup> April 2019. The lecture was delivered by Mr Suraj Gawande, Design Tech Pune.
- Ms V V Deshmukh and Ms Y P Lad arranged a Seminar for TE and BE students on” Recent Trends in Computer Networks” conducted on 20<sup>th</sup> March 2019. The seminar was delivered by Mr Akshay Supekar, CEo, Optimum Solutions, Pune.
- Ms Y P Lad and Mr N P Mawale arranged a Seminar for TE and BE students on” Recent Trends in Optical Fiber Communications ” conducted on 20<sup>th</sup> March 2019. The seminar was delivered by Mr Akshay Supekar, CEo, Optimum Solutions, Pune
- Avishkar 2018- Project Exhibition for PG students, Researchers under the agesis of BOS (Electronics/E&TC) SPPU, Pune on 14<sup>th</sup> December 2017.
- Mr V B Gawai arranged an Expert Lecture for TE Students on “ PLC and Automation” conducted on 6<sup>th</sup> March 2019. The lecture was delivered by Mr.Nitin Lokhnade, Director, ETA, Pune-01
- Dr D G Bhalke and Ms R R Itkarkar arranged an Expert Lecture for BE students on “ Project Selection in Area of Industrial Applications “ on 9<sup>th</sup> July 2018. The seminar was delivered by Mr. Vivek Sardal of Prolific Systems & Technologies Pvt. Ltd. Shivaji Nagar Pune
- Ms R R Itkarkar arranged Seminar for BE students on “ Personality Development “ on 27<sup>th</sup> July 2018. The seminar was delivered by Ms Anagha Kolte, TCS, Software Engineer.
- Alumini Meet on 16<sup>th</sup> March 2019.



  
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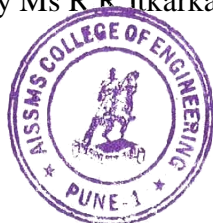
- Dr D G Bhalke arranged a workshop for SE students on "Signals and Systems using MATLAB" conducted on 8<sup>th</sup> September 2019. The workshop was conducted by Dr T Mohan, I<sup>2</sup>IT, Pune
- Mr N P Mawale arranged an Expert Lecture for SE Students on "DELDSIM Simulator" conducted on 25<sup>th</sup> September 2018. Lecture was delivered by Mr Akshay Kudale
- Mr N P Mawale arranged a Seminar for SE Students on "Overseas Study Opportunities" conducted on 26<sup>th</sup> September 2018. Lecture was delivered by Mrs Sarita Sinha, IMFS, Pune
- Induction Program Student Club (Aviot-o-Virtue) & Welcome Program of SE E&TC on 12<sup>th</sup> July 2019.
- BE E&TC Farewell Party organized on 3<sup>rd</sup> April 2019.
- Mr S B Dhekale arranged a Guest Lecture for SE students on "Java Technology" conducted on 10<sup>th</sup> April 2019. The lecture was delivered by Ms Deepa Ubhe, Lead SME, SEED infotech Pvt Ltd, Pune


iii. **WORKSHOP, SEMINARS ATTENDED BY FACULTY MEMBERS:**

Sr. No	Name of Faculty	Designation	Name of FDP/STTP/Workshop
1	Mr. N P Mawale	Assistant Professor	STTP on Problem Based Learning
2	Ms V V Deshmukh	Assistant Professor	NPTL online course on Roadmap for Patent creation
3	Mrs R R Itkarkar	Assistant Professor	Workshop On Scilab

iv. **INDUSTRIAL VISITS ARRANGED:**

- Industrial Visit to Mapro Food Park for TE students at Wai on 5/04/2019 arranged by Prof V B Gawai
- Industrial Visit to Mapro Food Park for BE students at Wai on 5/04/2019 arranged by Prof N P Mawale
- Industrial Visit for TE students to Vidya Vani Radio SPPU Pune on 29<sup>th</sup> August 2018 arranged by Ms R R Itkarkar



  
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#### **IV. ENGINEERING TODAY 2017-2018:**

‘Silicon Fusion 2018-19’ organized by Electronics & Telecommunication Engineering Department under AISSMS ET-2018 on 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> September 2018. The following events were conducted during ET -2018.

- Air-O-Task
- Robo Revolution 2.0
- Content Ideator
- Digimania
- Mock Placement
- Circuit wizard
- Paper Presentation

Total 500 students participated in departmental events from all over Maharashtra

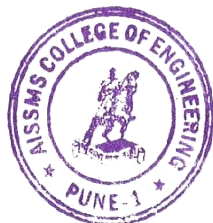
#### **V. DEPARTMENTAL ACHIEVMENT:**

Department of Electronics got Institute of Engineer’s India (IE I) , National level **“THIRD BEST ENGINEERING COLLEGE STUDENTS’ CHAPTER ‘** Award for academic year 2017-18. Mr N P Mawale, Staff Advisor of IE (I) Students’ Chapter, E&TC Engg Dept, attended award function at Ranchi (Jharkhand) by IE(I) Chapter on 03/11/2018. Award included Rs 10000/-, Trophy and Certificate.

**Ms V V Deshmukh**  
**Asst Professor**

**HOD**  
**Dept of E&TC Engineering**

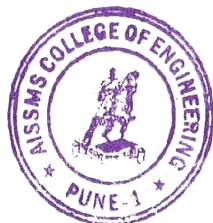
**Date: 12/04/2018**




  
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Expert Lecture on “Machine Learning” Girish Palshikar, Principal Scientist TCS Pune & Dr. D G Bhalke ( Date:18<sup>th</sup> March 2019)



  
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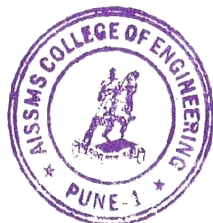
Industrial Visit to Vidya Vani Community Radio SPPU Pune (Date:29<sup>th</sup> August 2018\_)




Faculty Orientation Workshop on BE(E&TC/Elex) Revised Syllabus 2015 Course under the aegis of Board of Studies (BoS) Electronics & Telecommunication SPPU, Pune.(Date 13<sup>th</sup> and 14<sup>th</sup> December 2019)



Workshop for SE students on” Python Programming” (Date: 9<sup>th</sup> January to 12 th January 2019)



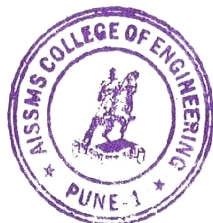
  
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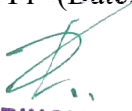


Audit Course in Japanese Language Conducted 12 Hrs for SE, TE and TE students (Date:26<sup>th</sup> Feb to 26<sup>th</sup> March 2019)



Workshop for BE students on” IOT Applications using Raspberry Pi” (Date: 8<sup>th</sup> & 9<sup>th</sup> October 2018)

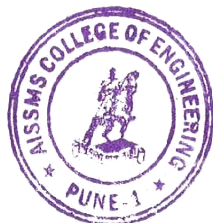


  
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Mr N P Mawale receiving Third Best IE Chapter Award 2017-18 at Ranchi (Date: 3<sup>rd</sup> November 2018)



  
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All India Shri Shivaji Memorial Society's College of Engineering Pune-1  
**MECHANICAL ENGINEERING DEPARTMENT**  
**Achievements AY 2018-2019**

**INTRODUCTION:**

**Teaching Staff:** 36 (32 in the Department and 04 to FE), **Non-Teaching Staff:** 9

**Start of the Department:** 1992

**UG Programmes:** 2; Mechanical and Mechanical Engineering (Sandwich pattern)

**PG Programmes:** 2; Automotive and Design specialization

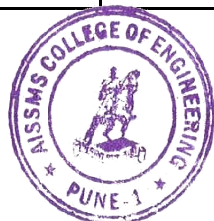
**Laboratories:** 18, Drawing Hall:1 and Seminar Hall: 2


**Softwares:** MATLAB, MasterCAM, ANSYS , Pro-E,AutoCAD, MSc ADAMS, Altair Hyperworks

**Unique Equipments:** Chassis Dynamometer, FFT Analyser

**AWARDS AND RECOGNITION**

SN	Name	Awards and Recognition
1	Prof.(Dr.) A V Waghmare	VC Nominee as a Member, Board of Studies, Mechanical Engineering, SPPU, Pune
		Member of Engineering Education Board and Faculty Development Committee, SAE INDIA
2	Prof.(Dr.) B D Bachchhav	VC Nominee as a Member, Board of Studies, Mechanical and Materials Technology, Dept. of Technology, SPPU, Pune
3	Prof.(Dr.) P S Gajjal	Outstanding Women in Engineering
		IARDO award for excellence
4	Dr. M.R.Phate	Best Teacher Award (Rank1), AISSMS Excellence Award 2019
		Copyright Reg (ROC-L-82418/2019) :- Analysis of 6-DOF Human Biodynamic Model for Seated Human Posture Using Artificial Neural Network
		Copyright Reg(Roc:L-81672/2019)Critical Analysis of novel fabricated Al/SiC/B4C Metal Matrix Composites Machining Performance
		Copyright Reg : (ROC:L-80752/2019)-Formulation of Experimental Data Based Model for the Machining Process using Dimensional Analysis Approach.



  
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**MEMORANDUM OF UNDERSTANDINGS:**

SN	Name of organization	Date of MOUs	Period of validity
1	Seinumero Nirman Pvt. Ltd. Pune	07/07/2017	07/07/2020
2	Vishwadeep Enterprises, Pune	13/07/2017	13/07/2022
3	e-Addict Mobility solutions Pvt.Ltd.Pune	21/08/2017	21/08/2022
4	Engineering Cluster, Chinchwad	28/02/2018	28/02/2022
5	Suntech Landriani M/c tools Pvt. Ltd	08/08/2018	07/08/2021
6	Nemade Engineering Pvt Ltd	08/08/2018	07/08/2021
7	Indi-Tech valves Pvt. Ltd. Pune	31/08/2016	31/08/2018
8	Meher Techno Consultants Pvt. Ltd. Pune	16/09/2016	16/09/2019
9	Kakade Laser, Pune	06/09/2016	06/09/2019
10	Plazma Technologies Pvt. Ltd. Pune	01/01/2017	01/01/2020
11	S M Auto Engineering Pvt. Ltd, Pune	08/12/2016	08/12/2020

**Doctor of Philosophy (PhD)****Prof.(Dr.) S J NAVLE**

Title of Research: Investigations on performance of S.I.Engine fueled with hydrogen gas as an alternate fuel in comparison with pure gasoline

Name of the Guide: Dr R.R.Kulkarni (Guide), Dr S.S.Thipse (Co-Guide)

Research Center: VIT, Pune

University: Savitribai Phule Pune University,Pune

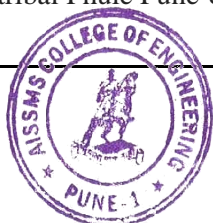
**Prof.(Dr.) C S CHOUDHARI**


Title of Research: Design, development and performance evaluation of a refrigeration system for a new environment friendly refrigerant.

Name of the Guide: Dr S N Sapali

Research Center: COEP, Pune

University: Savitribai Phule Pune University,Pune



  
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## FUNDED RESEARCH PROJECT

S N	Title of the Project	Principal Investigator	Amount received (Rs)	Funding Agency
1	Tribological Performance Evaluation of Non-asbestos organic Brake Pad Materials	Prof.(Dr.) B D Bachchhav	25,000	Institution of Engineers R&D Cell

## STUDENTS' CHAPTERS/CLUBS

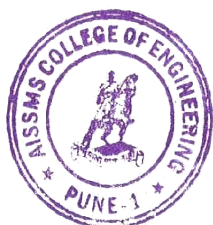
- 1.Society of Automotive Engineers (I) (SAEINDIA)
- 2.Indian Society for Heating Refrigeration and Air-conditioning Engineers (ISHRAE) 3.Institution of Engineers (I) (IEI)
- 4.Institution of Mechanical Engineers (UK) (IMechE)
- 5.Mechanical Engineering Students Association (MESA)

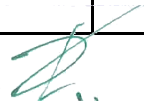
## Funded FDP/STTP/WS/Seminar/Symposium Organised by the Department:

S N	Title of the FDP/STTP/WS/Seminar/Symposium	Duration	Co-ordinator	Funding Agency (If any) and Amount (Rs.)
1	One day Syllabus Implementation Program on, "Systems in Mechanical Engineering"	01 Day	Dr A V Waghmare	Planning and Development, SPPU (Rs. 10,000/-)
2	Fourth Mechanical Engineering Post Graduate Student's Conference	02 Days 13, 14 June 2018	Dr D Y Dhande Mr S R Patil	BOS, SPPU

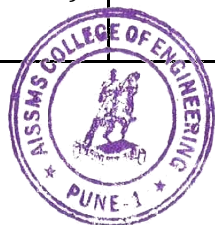
## EVENTS ORGANISED:

SN	Event name	Event type	Funding source	Event status type	From date	To date
1	Basics of Altair Hypermesh	Workshop	--	Inter Collegiate level	07/09/18	08/09/18
2	A-Quest HVAC Quiz - 2019	QUIZ	ISHRAE	National Level	05/01/19	05/01/19



  
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3	Aero design workshop 2018	Workshop	SAEINDIA	Pune	16/09/18	17/09/18
4	MECHPULSE 2018	Technical Symposium	AISSMS COE	National Level	10/09/18	13/09/18
5	Current Trends in Vehicle Power Train	Workshop	IEI	Inter Department Level	03/01/19	03/01/19
6	Technical Quiz : RAC	Quiz	IEI	Inter Department Level	27/9/2018	27/9/2018
7	Poster presentation competition	General	IEI	Inter Department Level	27/8/2018	27/8/2018
8	BE Project Competition 2019	Exhibition	Department Alumni	Inter Department Level	29/3/2019	29/03/2019
9	Technical quiz Competition : BME	Technical	IEI	For First Year Students	28/3/2019	29/3/2019
10	Two days workshop on "Basics of Hypermesh"	Workshop	AISSMS COE	Inter Departmental	7/8/2018	8/8/2018
11	Two days workshop on "Basics of Hypermesh"	Workshop	AISSMS COE	Inter Departmental	6/2/2019	7/2/2019
12	Branding & Souvenir printing	ET-2018	Aissms COE	Central committee	10/09/2018	12/09/2018
13	One Day Training Program on Smart Data Analysis by using Minitab	One Day Training Program	AISSMS COE	Department Level	19/03/2019	19/03/2019
14	One day Workshop on "Geometric Dimensioning and Tolerancing (GD&T)"	Workshop	AISSMS COE	Department level under Industry Institute Interaction	26/03/2019	26/03/2019

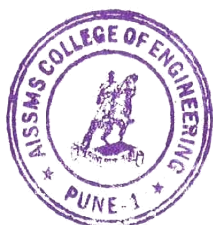



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15	One day Teacher's Training Workshop	Workshop	Knorr-Bremse Technology Centre, Pune	Department level under Industry Institute Interaction	22/04/2019	22/04/2019
16	Technical Quiz on Thermal and fluid Engineering	Technical Quiz	IEI	Interdepartmental	28 <sup>th</sup> September 2018	28 <sup>th</sup> September 2018
17	One day workshop on "Fault Diagnosis in Refrigeration systems"	Workshop	ISHRAE Students' Chapter	Department level under Industry Institute Interaction	27 <sup>th</sup> March 2019	27 <sup>th</sup> March 2019

#### PUBLICATIONS:

Title of paper	Author	Name of journal	ISBN /ISSN
Critical Property Assessment of Novel Brake pad Materials by AHP	Prof.(Dr.) B D Bachchhav	Journal of Manufacturing Engineering	0973-6867
Challenges in formatting vegetable based metalworking lubricants - A Review	Prof.(Dr.) B D Bachchhav	International Conference on tribology TRIBO-India 2018	
Screening of organic breakpad materials using MADM technique	Prof.(Dr.) B D Bachchhav	AEOTIT 2018 (Conference)	
Numerical analysis of three lobe hydrodynamic journal bearing using CFD-FSI technique based on response surface evaluation	Prof.(Dr.) D Y Dhande	Journal of Brazilian Society of Mechanical Sciences and Engineering (Springer), August 2018, 40:393	1678-5878
Implementation of CFD-FSI Technique Coupled with Response Surface Optimization method for Analysis of Three-Lobe Hydrodynamic Journal Bearing	Prof.(Dr.) D Y Dhande	Journal of The Institution of Engineers (India): Series C (Springer), October 2018, pp 1-12	Print ISSN: 2250-0545 Online ISSN: 2250-0553
Multiphase flow analysis of hydrodynamic journal bearing using CFD coupled Fluid Structure Interaction considering cavitation	Prof.(Dr.) D Y Dhande	Journal of King Saud University-Engineering Sciences, Volume 30, Issue 4, October 2018, Pages 345-354 (Elsevier)	1018-3639



  
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Exploring Biodynamic Response (Apparent Masses) of a Seated Human Body Exposed To External Excitation in Vertical Direction	Prof.(Dr.) M R. Phate	International Journal of Industrial Engineering & Production Research, Volume 29, Issue 4 (12-2018)	2008-4889
Modeling and prediction of WEDM performance parameters for Al/SiCp MMC using Dimensional analysis and artificial neural network.	Prof.(Dr.) M R Phate	Engineering Science and Technology, an International Journal (Elsevier)	2008-4889
Analysis of Machining Parameters in WEDM of Al/SiCp20 MMC Using Taguchi based Grey-fuzzy Approach	Prof.(Dr.) M R Phate	Modeling and Simulation in Engineering (In press and Accepted for publication), (Hindawi)	
Taguchi Technique for Dry Sliding Wear Behavior of PEEK Composite Materials	Prof.(Dr.) P S Gajjal	Materials Today: Proceedings Elsevier, 5 (2018), 950-957	ISSN: 2214-7853
Effect of Volute Tongue Clearance Variation on Performance of Centrifugal Blower by Numerical and Experimental Analysis	Prof. S R Patil Prof. S S Vadgeri	Materials Today: Proceedings 5 (2018) 3883-3894 (Elsevier)	ISSN: 2214-7853
Static and Fatigue Analysis of Lathe spindle for Maximum Cutting Force	Prof. S S Vadgeri Prof. S R Patil	Materials Today: Proceedings 5 (2018) 4438-4444 (Elsevier)	ISSN: 2214-7853
Testing of environment friendly refrigerant R290 for water cooler application	Prof.(Dr.) C S Choudhari	International Journal of Engineering, Transactions A: Basic	ISSN : 10252495
Synthesis and characterisation of cashew nut shell liquid matrix composite for composite application	Prof. A R Takalkar	Biopolymer & Biomaterials	ISSN-978-1-315-1698-3
Experimental identification of non-hysteresis algebraic force model of automotive hydraulic damper	Prof.(Dr.) C S Dharankar	International Journal of Vehicle Performance (IJVP), Interscience Publisher	ISSN Online : 1745-3208 ISSN Print: 1745-3194
Electricity Generation by Using High Velocity wind produced due to motion of vehicle	Prof.V S Wagare	Proceedings of Indian Science Congress	
A Review on Optimum Tool Geometry Design to Minimize Cutting Forces for Turning of Hardened Steel	Prof. S S Vadgeri	ICIIST Proceedings	March 2019

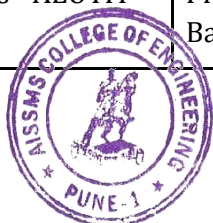


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Next generation Automotive seat Cover to improve Thermal comfort Using Thermoelectric Effect	Prof. S.V.Chaitanya	Journal Of Manufacturing Engineering	Dec 2018
Performance Analysis of Cool air ventilated seat cover	Prof. S.V.Chaitanya	International Journal of Science Technology and Engineering	July 2018 ISSN 2349-784X
Design and Development of eco friendly road cleaner.	Prof. M.P.Bauskar	MAT JOURNAL	December 2018
Insights on Supply Chain Needs and Issues in Indian SMEs	Prof. G B Narkhede	Industrial Engineering Journal	ISSN: 2581-4915
Performance Characterization & Multi Objective Optimization of Laser Beam cutting process on Steel	Prof. N.N.Gotkhindikar	International Journal for Research in applied science and Engineering Technology	ISSN: 2321-9653
Tribological Parametric Influence of Dry Sintered Iron Bearings	Dr (Mrs) P S Gajjal	Journal of Emerging Technologies and Innovative Research	ISSN 2349-5162
Wear Model of Dry Sintered Bearing Material by Dimensional Analysis	Dr (Mrs) P S Gajjal	Journal of Emerging Technologies and Innovative Research	ISSN 2349-5162
Function and Behaviour analysis of a Nanoparticle based bio-Lubricant used in hydrodynamic Bush Bearing	P V Deshmukh	Journal of Applied Science and Computations, Volume VI, Issue V, May/2019	1076-5131
Experimental Transmissibility Investigation of Shock Absorber and Comparison with MATLAB results for Two Wheeler	P V Deshmukh	International Research Journal of Engineering and Technology, Volume: 06 Issue: 05   May 2019	2395-0056
CFD analysis of diffuser augmented wind turbine	P V Deshmukh	International Journal of Advance Research, Ideas and Innovations in Technology, Volume 5, Issue 3	2454-132X

#### BOOK PUBLICATIONS:

Title of Book	Author	Name of Publisher	ISBN /ISSN
Experimental Investigation of Maximum Cutting Force Condition in Lathe	Prof. S S Vadgeri & Prof. S R Patil	LAMBERT Publication, Germany	ISBN: 978-613-9-45019-0
Springer book series - AEOTIT 2018	Prof.(Dr.) B D Bachchhav	Springer	ISBN - 978-9981-13-8196-



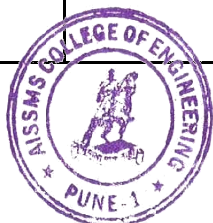
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			6
Fabrication of temperature control solar dryer	Prof.(Dr.) M. S. Deshmukh & Prof.(Dr.) M R Phate	LAMBERT Publication, Germany	ISBN : 978-613-999230-0
WEDm performance analysis of AL/GR mmc using response surface method	Prof.(Dr.) M R Phate	LAMBERT Publication, Germany	ISBN : 978-613-999228-7
Operation Research	Prof.(Dr.) M R Phate	Sharp / Success	ISBN : 978-93-24457-08-2
Tribo-Behaviour of Dry Sintered Material	Prof.(Dr.) P S Gajjal	LAMBERT Publication, Germany	ISBN: 978-613-9-44952-1
Study of WCO Biofueled VCR CI Engine performance testing with DPF	Prof.(Dr.) M. S. Deshmukh	LAMBERT Publication, Germany	ISBN 978-613-9-47099-0
Tribo Behaviour of Dry Sintered Bearing Material	Dr (Mrs) Priya Gajjal	Lambert Publication Germany	978-613-9-44952-1

## INDUSTRIAL VISITS

SN	Subject	Place	Faculty involved	Date
1	RAC: Central AC system	Bal Gandharva Rang Mandir Pune	Prof.(Dr.) C S Choudhari Prof. S S Patil Prof. D S Mane	28-29th Jan 2019
2	Speciality Sintered India Pvt Ltd, Shirwal, Pune.	Shirwal, Pune.	Prof.S.R.Patil Prof. G.B.Narkhede	01st Oct, 2018
3	512 ARMY BASE WORKSHOP	Kirkee, Pune	Prof.(Dr.) D Y Dhande Prof. M P Bauskar	24th Sep 2018
4	Shree system Pvt Ltd	Pirangut,Pune	Prof. A R Takalkar & Prof. S S Vadgeri	04th Feb 2019
4	Kalyani Maxion Wheels Pvt Ltd	Chakan	Prof.(Dr.) D Y Dhande Prof. V.S.Wagare	20 Sept 2018
5	Mahindra CIE, Chakan-	Chakan	Prof. M.P.Bauskar	4th Sep 2018

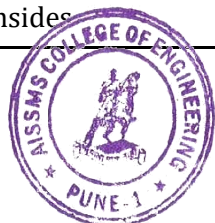


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	Ambhetan Road , Tal: Khed, Pune, 410 501			
6	Manufacturing of Heat Exchangers/ Boilers at Thermax	Pune	Prof.(Dr.) C S Choudhari	11th Oct 2018
7	Shreenath Mhasoba Sugar Factory	A/P. Patethan, Tal. Daund., Dist. Pune	Prof.(Dr.) M.S. Deshmukh Prof. P.V.Amte Prof. K.L.Kumbhar	7th Feb 2019
8	Kalyani Maxion Wheels Pvt Ltd, Chakan, Pune (30)	Gat No. 635, At Post - Kuruli Chakan, Taluka - Khed, Pune, Maharashtra 410501	Prof. (Dr.) M M Sayyad Prof. M P Bauskar	23rd Feb 2019
9	Solar Thermal Power Plant, Shive, Tal. Khed	A/P.Shive,	Prof.(Dr.) M.S. Deshmukh Prof. P.V.Amte Prof. K.L.Kumbhar	27th Mar 2019
10	Water Pump plant	Nigdi, Pune	Prof. P V Amate	
11	Siddheshwar Industries Pvt.Ltd,	Chinchwad	Prof.(Dr.) D Y Dhande Prof. A T Thombare	20,22 March 2019
11	Bemcho Hydraulics Pvt Ltd	Belgaum	Prof. A R Takalkar	22th March 2019
12	Ujani Hydroelectric power Plant	Ujani, Solapur	Prof. M.U.Gan Prof. K.L.Kumbhar	
13	Applied Thermodynamic s and Engineering Metallurgy	Diesel Locomotive, Ghorpadi Pune.	Prof. M. S. Swami Prof. M. R. Dahake Prof.(Dr.) S. J. Navale	30th March 2019

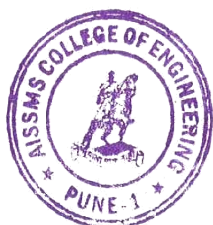
### EXPERT LECTURES


SN	Title of expert lecture	Resource person	Date
1	Product Design and Development : Industry Insides	Mr Sagar B Mane	4th Feb 2019



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2	Applications of CFD in Heat transfer analysis	Mr Anil Samale, Technical Leader – Aero-Thermo Group, Dresser Rand	25th Sep 2018
3	Importance of CAD, CAM and CAE in Manufacturing Industry	Mr Swapnil Panke, 9960941196	27th Sep 2018
4	Application of PERT- CPM in Industry	Prof B B Bite, Institute of Management, AISSMS Society, Pune 411001	4th Oct 2018
5	Heat Transfer in IC Engine	Mr Sagar E Patil, Sr Manager, ERC , Tata Motors Pune.	11th Oct 2018
6	Industry 4.0 and Design Thinking	Dr. Krishnaswami Srihari , Dean of The Thomas J. Watson School of engineering and Applied Science Binhamton University, New York	5th Oct 2018
7	“Orientation on Project & Operation Management”	Mr Atul Inamdar, Centre head, Synergy School of Buisness Skills, 8308838828, mh.bundgarden@synergysb s.com	04 <sup>th</sup> October 4, 2018
8	Career opportunities in Designing	Mr Sunder, DQ Labs (9637322555)	27 <sup>th</sup> February 2019
9	Refrigeration for cold storages	Mr. Sharad patil Senior consultant,Coolexpert, Cold Chain	27 <sup>th</sup> March 2019
10	Expert talk on BIM software	Expert from Building Information Modelling industry	29 <sup>th</sup> February 2019



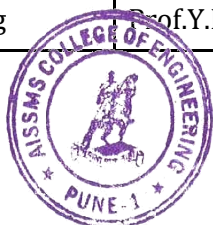
  
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**PROGRAMS FDP/STTP/WEBINAR/WORKSHOP etc. ATTENDED BY STAFF**

S. No.	Name of the participant	Designation	Title of the FDP / professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
<b>Term-I</b>				
1	Chandrakishor S Choudhary	Associate Professor	Short term course on "Efficient energy conversion in Harmony with environment"	29-10-2018 - 03-11-2018
2	Omprakash More	Assistant Professor	Short term course on "Machining Dynamics"	15-10-2018 - 19-10-2018
3	Narkhede Ganesh	Assistant Professor	AICTE Sponsored QIP-short term course on "Supply chain management-2018"	08-10-2018 - 13-10-2018
<b>Term-II</b>				
S. No.	Name of the participant	Designation	Title of the FDP / professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
1	Dr. P. S Gajjal	Associate Professor	Five day faculty development program on "Automotive product development & best manufacturing practices"	06-02-2019 - 10-02-2019
2	Dr. P. S Gajjal	Associate Professor	National workshop on "Solar thermal and electrical appliances"	14-12-2018 - 15-12-2018
3	Dr. P. S Gajjal	Associate Professor	One week orientation program on "Modern pedagogy and recent technological development"	10-12-2018 - 14-12-2018
4	Ashwini T.Thombare	Assistant Professor	Five day faculty development program on "Automotive product development & best manufacturing practices"	06-02-2019 - 10-02-2019
5	Manoj Dahake	Assistant Professor	Five day faculty development program on "Automotive product development & best manufacturing practices"	06-02-2019 - 10-02-2019
6	M.P.Bauskar	Assistant Professor	One week orientation program on "Modern pedagogy and recent technological development"	10-12-2018 - 14-12-2018
7	Nitin Gotkhindikar	Assistant Professor	Faculty development program in "Cyber security and data science "	11-02-2019 - 17-02-2019

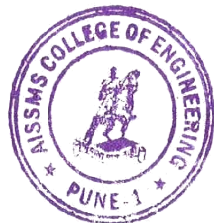
**AISSMS ENGINEERING TODAY-MECH-PULSE**

S N	Name of Event	Name of Faculty		
1	Model Making	Prof. D.S.Mane Prof.(Dr.) Mannan Sayyed		
2	Robo Race	Prof. O.A.More Prof. M.U. Gan Prof N.N. Gotkhindikar		
3	Paper Presentation	Prof.(Dr.) M.R. Phate Prof.(Dr.) C.S.Dharankar Prof.(Dr.) S.J. Navale		
4	Shuttle Bug	Prof.Y.B.Karandikar	11th Sept	35 Participants



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	Treasure Hunt	Prof.V.S.Wagare	2018	
5.	Rocket Launcher	Prof. M.R. Dahake Prof. S.S Vadgeri	11 & 12 th Sept. 2018	
6	CAD-War	Prof P.S.Aglawe Prof. M.P. Shah	10 th Sept. 2018	60 Teams
7	Science Exhibition	Prof.(Dr.) P.S.Gajjal Prof G.B. Narkhede		
8	Decoration	Prof. V.R.Patil Prof. S.S. Patil		
9	Campaigning	Prof. K.L.Kumbhar Prof. A.R. Takalkar		
10	Registration	Prof. A.T.,Thombare		
11	Publicity	Prof M S Swami		
12	Printing	Prof.(Dr.) D Y Dhande Prof A R Takalkar		



  
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**GLIMPSES:**



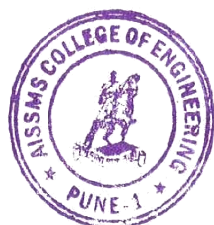
A-Quest HVAC Quiz -2019 Quarter final powered by HITACHI was held at "AISSMS COLLEGE OF ENGINEERING, PUNE on 5th January 2019 for East zone ISHRAE chapters

Two days' workshop on Basics of Altair Hypermesh by Mr. Iqbal Hussain (Teccam solution, Pune)



Industrial visit at "Sheenath Mhaskoba Sugar Factory"

Industrial Visit at "Thermax Solar Thermal Power Plant, A/P. Shive"



*[Signature]*  
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**BE Project Competition [Exhibition]- 2019**

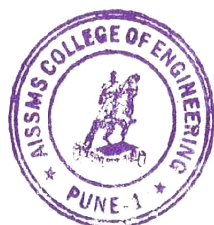


**Science Exhibition, MECHPULSE 2018**

**Inauguration of Aero design One day Workshop 2018, Organised by Team Garudashwa**



**With Shri. Sunil Bhatambrekar, Head- Product Engineering at Kalyani Maxion Wheels, Pune**



  
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Industrial Visit at “ Siddheshwar Industries Pvt.Ltd.”, Chinchwad

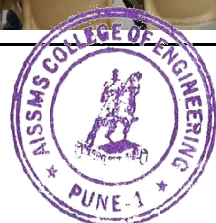



One day Teachers Training Workshop at “Knorr-Bremse Technology Centre, Hinjewadi, Pune”

One day workshop on “GD & T”



Technical Quiz on “Thermal and fluid Engineering “ organised by IEI students’ chapter



  
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Industrial visit to Thermax

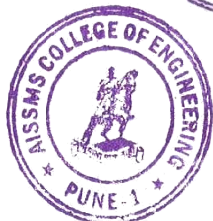
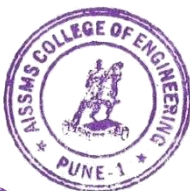


Expert talk on "Design Thinking"

Expert talk on Applications of CAD CAM in Manufacturing



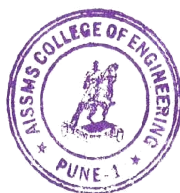
Visit to Balgandhrav Rangmandir, Pune for observing Central Air Conditioning Plant



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**AISSMS COLLEGE OF ENGINEERING, PUNE**  
**DEPARTMENT OF PRODUCTION ENGINEERING**



  
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## Departmental Report

**Name of Department:** Production Engineering

**HOD:** Prof V Y Sonawane



**Intake:** 60

**Starting Year:** 1994

**Introduction of Department:**

**Production Engineering (Sandwich ) Course is accredited by National Board of Accreditation (NBA) (AICTE)**

The course leading to a bachelor's degree in Production Engineering (Sandwich) was started in the year 1994. The Department presently has highly qualified and experienced staff on its roll. The activities of the Department are conducted, besides teaching, in the areas of research, consulting, training, alumni and placement.

Department is planning to start the Post Graduate Course with Industrial Engineering as a specialization.

1. Areas research studies:

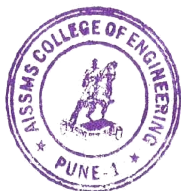
- Advanced manufacturing
- Computer integrated manufacturing
- Production systems management

2. Facilities

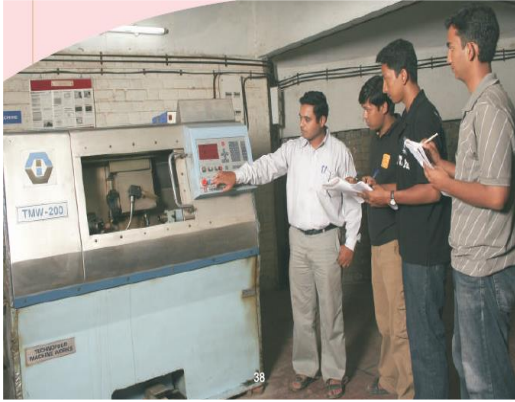
The Department has well equipped laboratories on the following subjects:

- CAD/CAM
- Production Management
- Robotics and Automation
- Nontraditional Machining
- Tool Engineering
- Advanced Production Technology

The Department also has a departmental library, computer centre and seminar hall.



  
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**CNC Turning Center**



**Robotics Automation Lab**



**Non Traditional Machining Lab**

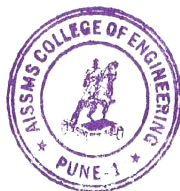


**Tool Engineering Lab**

**Performance of this year:**

- Academic Result: May 2018

Sr. no.	Class	No. of Distinction	No. Of First Class	ATKT
1	SE	--	07	43
2	TE	29	09	37
3	BE	65	02	---



  
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• Topper's List: May 2018

Sr. no	Class	Name	Percentage
1	SE	Patil Devendra	8.1
		Dheeraj Chandrakant Nikam	7.98
		Shiravaneekar Rohan	7.96
2	TE	Chavhan Kunal	9.83
		Badakh Rohan	9.59
		Jagtap Sachin	9.54
3	BE	Thakar Sumit	88.22
		Tikudave Viraj	87.72
		Radhika Lalsare	84.43

**University Toppers with photo.**

**B E (May 2018)**



Thakar Sumit S



Tikudave Viraj



Radhika Lalsare

**TE (May 2018)**



Chavhan Kunal



Badakh Rohan



Jagtap Sachin

**SE (May 2018)**



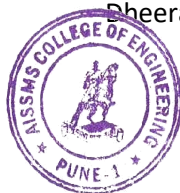
Patil Devendra



Dheeraj C. Nikam



Shiravaneekar Rohan



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**Activities:**

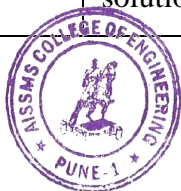
1. Research Grant : Nil
2. Workshops arranged by Department for Faculty
  - Department has conducted National level seminar on Recent trends in New Product Development during 08/03/2018 to 09/03/2018.
  - Department has conducted one day workshop on Computer Aided Machining Using DelCAM Software in Association with IFS Academy, Pune. Department has installed version of DelCAM 12.0 with the CAD CAM lab. The workshop was conducted on 20<sup>th</sup> October 2018 in Room no 126, CADCAM Lab. 10 number of participants from BE Production and BE Mechanical have participated in the workshop. Mr. Avinash Malwadkar from IFS Academy has conducted the training session from 10.00 am to 4.00 pm. Students are awarded with Certificates of Participation.
  - Department has conducted Technical Social Awareness program at specialty sintered products pvt ltd, Chakan MIDC, Pune on 29/10/2018.
  - Department has conducted one Day Workshop Hands on Training in Hydraulics and Pneumatics Trainer.
3. Workshops / Seminars/ Guest lecturers arranged by Department for students

**1. INDUSTRIAL VISITS CONDUCTED:**

Sr. No.	Department	Class	Industry Name and Address	Date of visit
1	Production Engineering	SE	Speciality Sintered Products Pvt Ltd, Shirwal MIDC	05/10/2018
2	Production Engineering	BE	Speciality Sintered Products Pvt Ltd, Chakan MIDC	29/10/2018

**2. EXPERT LECTURES DELIVERED BY INDUSTRY EXPERTS:**

Sr. No.	Department	Class	Name of Expert and Industry	Designation	Topic	Date
1	Production Engg	BE Prod	Mr Sudarshan, Mr sanjay, Mr sainath, Mr vijay neve TATA Motors Ltd	Asst Manager	Expert session on Road Safety	19/07/2018
2	Production Engg	BE Prod	<b>Name Of Expert :</b> Mr. Iqbal Hussain and Abhishek Gupta <b>Name of Company</b> TEECAM Info solutions LLP PUNE	Asst Manager	FEA Analysis for Extrusion and casting Processes	19/07/2018

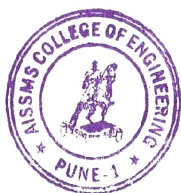



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3	Production Engg	BE Prod	<b>Name Of Expert :</b> Mr mangesh Deshpande <b>Name of Company:</b> GEOCLID Fuelling Additive Solutions Pune	Manager	Additive Manufacturing : 3D Printing Technology	21 August 2018
4	Production Engg	BE Prod	<b>Name of Expert:</b> Ms A A Apte <b>Name of College:</b> AISSMS COE Electrical dept	Asst Professor	Expert lecture on PID Controller	
5	Production Engg	SE Prod	<b>Name of Expert :</b> Dr S R Parekar <b>Organization:</b> AISSMS COE, Pune	Professor	Expert lecture on Principal Stresses and Strains.	
6	Production Engg	SE Prod	<b>Name of Expert:</b> Mr Amit Bhaskar <b>Name of Company:</b> Tek Components Pvt. Ltd. Groupe Cahors, Ranjangaon, Pune	Manager	'Future Prospects of machine tools in Manufacturing Industries'	

### 3. MOU SIGNED WITH INDUSTRY FOR STUDENTS:

Sr. No.	Department	Name of Industry	Date of MoU Signed
1	Production	Speciality Sintered Products Pvt Ltd	29 <sup>th</sup> October 2018
2	Production	Oriental steels	4 <sup>th</sup> October 2018



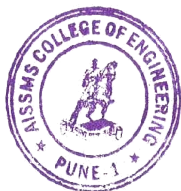
  
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**4. WORKSHOPS/SEMINARS/CONFERENCES/COURSES CONDUCTED WITH INDUSTRY SUPPORT/COLLABORATION:**

Sr. No.	Department	Title of the Programme	Name of Industry	Type of Support/ Name & Designation of Expert
1	Production Engineering	One Day Student Development Workshop on Computer Aided Machining Using DelCAM Software	IFS Academy, Pune	Mr. Avinash Malwadkar
2	Production Engineering	Technical Social Awareness program	Specialty sintered products pvt ltd, Chakan MIDC	Mr Palve
3	Production Engineering	National level seminar on Recent trends in New Product Development	SPPU, Pune	--
4	Production Engineering	One Day Workshop Hands on Training in Hydraulics and Pneumatics Trainer	AISSMS COE	Mr V Y Sonawane

**5. TECHNICAL SOCIAL PROGRAM INTERACTION WITH INDUSTRIES:**

Sr. No.	Department	Name of Activity	Remark
1	Production Engineering	Technical Social Awareness program organized at specialty sintered products pvt ltd, Chakan MIDC, Pune Date 29/10/2018	Program was conducted for workers, after completion of program Quiz competition was conducted for workers.

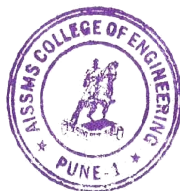


  
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## Achievements of this year (2018-19): - Faculty

- Prof S K Bidgar completed UGC Sponsored Orientation Programme with 'A' grade at UGC-HRDC JNTU Hyderabad during 26/11/2018 to 22/12/2018.
- Prof M L Chanpur completed UGC Sponsored Orientation Programme with 'A' grade at UGC-HRDC JNTU Hyderabad during 26/11/2018 to 22/12/2018.
- Prof Y R Chandwade completed UGC Sponsored Orientation Programme with 'A' grade at UGC-HRDC JNTU Hyderabad during 26/11/2018 to 22/12/2018.
- Prof Y R Chandwade presented a paper titled *optimization of pressing force control limits using Taguchi method in automobile industry* at sixth International conference on Advances in Industrial and Production Engineering- AIPE 2018 organized by Association of Mechanical & Aeronautical Engineers (AMAE).
- Prof S H Wankhade delivered lecture on TRIZ - Innovation in Education at Engineering Innovation Summit 18 at Royal Melbourne Institute of Technology, Melbourne, Australia.
- Prof S H Wankhade delivered lecture on Innovation in Design at Engineering Innovation Summit 18 at Royal Melbourne Institute of Technology, Melbourne, Australia
- Department signed MoU Speciality sintered products pvt ltd Chakan on 29/10/2018.
- Department signed MoU with oriental steels on 04/10/2018.
- Prof M L Chanpur attended FDP on 'Project Based and Student Centric Learning Activities' at AISSMS COE during 16/01/2018 to 17/01/2018.
- Prof Y R Chandwade completed AICTE Sponsored One-Week QIP STC on 'Analysis of Sheet Metal Forming Processes' at IIT Bombay during 07/05/2018 to 11/05/2018.
- Prof V D Dholle completed AICTE Sponsored One-Week QIP STC on 'Analysis of Sheet Metal Forming Processes' at IIT Bombay during 07/05/2018 to 11/05/2018.
- Prof S K Bidgar completed AICTE Sponsored One-Week QIP STC on 'Analysis of Sheet Metal Forming Processes' at IIT Bombay during 07/05/2018 to 11/05/2018.
- Prof M L Chanpur completed AICTE Sponsored One-Week QIP STC on 'Analysis of Sheet Metal Forming Processes' at IIT Bombay during 07/05/2018 to 11/05/2018.
- Prof S K Bidgar completed NPTEL course on Manufacturing Technology with ELITE grade.
- Prof M A Kelkar completed NPTEL course on Manufacturing Technology.
- Prof S N Chiwande completed NPTEL course on robotics.
- Prof M L Chanpur attended FDP on 'Project Based and Student Centric Learning Activities' at AISSMS COE on 23/02/2018.
- Prof S N Chiwande completed NPTEL course on Manufacturing Process Technology
- Prof V Y Sonawane completed Blended Mode Workshop on Moodle Learning Management Systems
- Prof S S Kallukar completed One week orientation program on Modern Pedagogy and Recent Technological Development
- Prof S H Wankhade completed NPTEL FDP on Introduction to Industry 4.0 and Industrial Internet of Things
- Prof N G Shekapure completed NPTEL Course on Developing Softskills and Personality



  
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### Achievements of this year (2018-19): - Students

Maintaining the tradition of rank from last 9 years in the All India Students Design Competition organized by National Design & Research Forum of The Institution of Engineers. This year also our Students Mr. Shivam Vairagade (Gold Medal) & Mr.Shreeyash sonawane (Silver Medal) of B.E.(Prod/Sw) bagged prestigious Gold , Silver and Bronze medal respectively at “ 49<sup>th</sup> National Design and Research Forum” (NDRF), Bangalore.



Mr. Shivam Vairagade (Gold Medal)

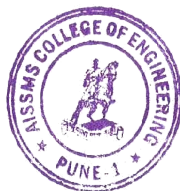


Mr.Shreeyash sonawane (Silver Medal)

### Department of Production Engineering Students Participated in Various Technical Events

1) SAE INDIA BAJA TEAM RESONANCE RACING : 2018-2019

Name of Students	Class
Shounak Narendra Sapre	BE
Rachana Kuchnure	BE
Vikrant Waman Ahiwale	TE
Shrenik Sushilkumar Jain	SE



  
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2) Go-Kart TEAM RESONANCE RACING :2018-2019

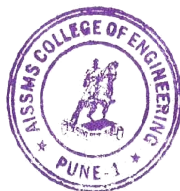
Name of Students	Class
Roshan Vasant Shinde	TE
Ashish Lekhpal Thakur	TE

3) SAE SUPRA TEAM RESONANCE RACING: 2018-2019

Name of Students	Class
Rohan Ajay Shiravanekar	TE

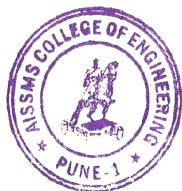
4) SAE INTERNATIONAL Aero design Series TEAM GARUDASHWA:2018-2019

Name of Students	Class
Abhijeet Rajesh Pardeshi	BE
Bhavesh Shingavi	BE
Dipankar Munshi	BE
Abhishek Rajesh Pardeshi	TE
Hrashangi Sood	SE
Shibani kanan	TE



  
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**Photo of Outgoing Batch BE Production Engineering (2017-18)**



  
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## AISSMS ET 2018

A National Level Students Symposium 'AISSMS Engineering Today-17' was organized on 10<sup>th</sup>, 11<sup>th</sup> & 12<sup>th</sup> September 2018, under title PRODFEST-18. Events like Technical paper presentation, Marketing Mania, Technical Quiz, Autoledge, CAD WAR etc conducted under PRODFEST 18. Students from colleges across the country are participated in ET2018.



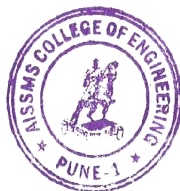
Technical Paper Presentation competition




Marketing Mania 2018



Autoledge 2018



  
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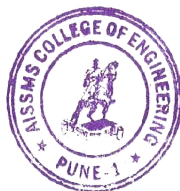
## Departmental Advisory Meet :-


Production Engineering department has organized meeting with Departmental Advisory Board. Following members were present for the meeting.

- Principal, AISSMSCOE, Pune: Dr. D S Bormane
- HOD, Production Engineering: Mr. V Y Sonawane and faculty of Production Engineering Department
- Academic Person: Prof. Dr. B B Ahuja, Director, COEP, Pune
- Industry Person: Mr. Sunil Bhatambrekar, Head, Product Engineering, Kalyani Maxion Wheels Pvt. Ltd
- Alumni: Mr. Mayur Ujeniya
- Parent: Mr. Padmaraj Doshi
- Student General Secretary: Shreyash Sonawane

Following points were discussed

- Dr Ahuja initiated discussion by questioning what's quality technical education. He asked further how we align vision and mission of Institute with department. He further suggested that faculties should work on that to benchmark vision and mission
- It was discussed that after every 3 years industries are getting leaner and leaner. Students along with faculties should learn from industry. Improve interaction of faculty with industry. Faculty should go for training to industry for 6-8 weeks every 3 years.
- Advised to improve curriculum with inclusion of technology and management oriented courses for Techno-managers. Right curriculum contributes to development. Rather instead of Technomanagers change is to be made in vision statement as Technocrats.
- Teaching fundamentals is necessary. Learning curve with the students should be maintained constant. Students learn on their own. Skill based courses, mass customization, including AI in syllabus of BE is necessary. MOOC based courses to be included.
- Updating of vision and mission with institute and department after accomplishment.
- Vision must include research orientation, globally competitive.
- Develop curriculum with participation of similar other programs. (Like D Y Patil, Akurdi)
- Include rich courses like entrepreneurship, design and development, employability and employment. Measures to be developed for evaluation of rubrics design
- For short term goals, it's necessary to provide deadlines for each goal. Provide with numeric values and quantify the goals.
- Expert lectures should be organized from alumni and entrepreneurs. Producing entrepreneurs is a challenge. Center of excellence for a specific program can be developed which is based around some PG course.

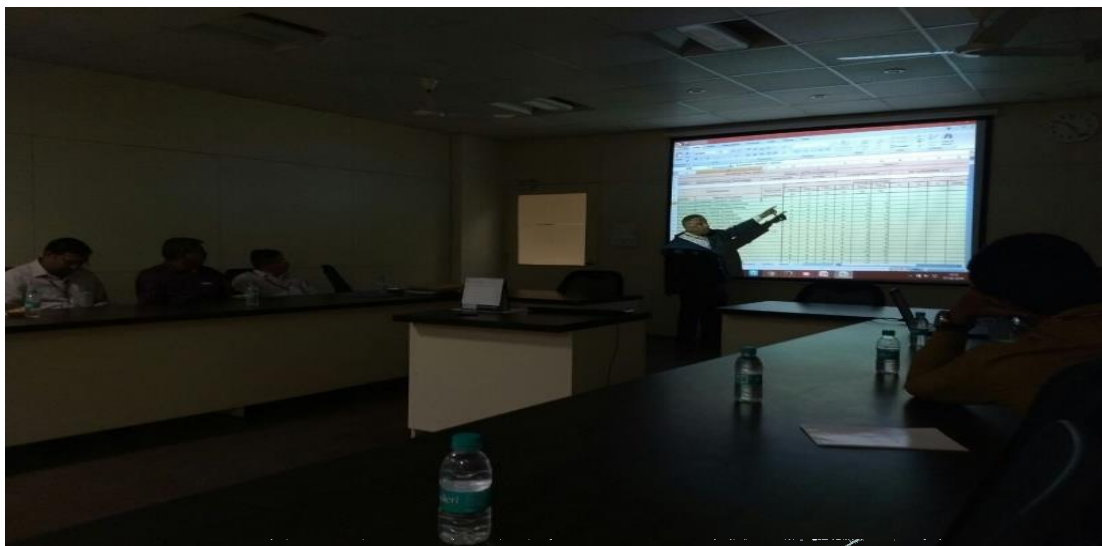


  
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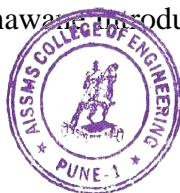
- Professional society tie-ups are required with department. The activity which is to be conducted is to be elaborated.
- It was further suggested by committee to have industry involvement in framing of vision and mission. It was also suggested that we should focus on development in current technologies like VSM and Lean Six Sigma and involve entrepreneurship development programs. It was advised that we should include innovation and lifelong learning.
- Include rich courses like entrepreneurship, design and development, employability and employment. Measures to be developed for evaluation of rubrics design



Group Photo with DAB committee dated 07/03/2018



Prof. V Y Sonawane, Producing Departmental Activities Dated 07/03/2018



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Lab visit of Committee Dated 07/03/2018



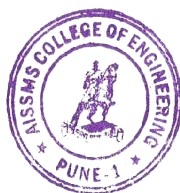
Principal, Dr. D S Bormane felicitating DAB committee experts Dated 07/03/2018

### PSO

**PSO1:** Graduate is able to demonstrate capacity for continuous learning & growth, and scholarly activity in their respective disciplines and fields of study.

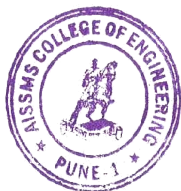
**PSO2:** Graduate is able to demonstrate excellence in critical thinking, problem- solving, analysis and strategic planning

**PSO3:** An Industry ready graduate is able to create his/her position in organisation where he/she undergoes industrial inplant training.



  
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DEPARTMENT OF FIRST YEAR ENGINEERING

**ANNUAL REPORT - DEPARTMENT OF FIRST YEAR ENGINEERING  
AY 2018-19**

**INDUCTION PROGRAM:**

The **First Year Induction Program** for the **AY 2018-19** was held on 1<sup>st</sup> August 2018 in the AISSM Society Campus, Shivajinagar. An overall audience of around **900 people** including 500 students graced the occasion. The chief address of the program was given by **Shri Malojiraje Chhatrapati, Honorary Secretary, AISSM Society**. He welcomed the parents and students and enlightened them on the glorious history of the Society. He assured them that AISSM Society will give every possible contribution to help prune the college into a Centre of Excellence. **Principal, Dr. D. S. Bormane** shouldered the great responsibility of introducing our Institution, its Vision and Mission, the Cultural, Technical, Sports and Social Activities, its Training and Placements etc. He also threw light on the achievements of faculty and students in diverse fields such as NPTEL, NSS, BAJA, SUPRA etc. **Prof. P. V. Deshmukh, Head of First Year Engineering**, welcomed the students and parents to AISSMS College, a new and fresh beginning of professional dreams becoming a reality. He assured the parents that their children will be bestowed with high quality education in the first year to emerge as successful students in their respective departments.. Dr. S.K. Upasani coordinated the event.



(Shri Malojiraje lighting the lamp)



(Principal, Dr. D. S. Bormane addressing the audience)

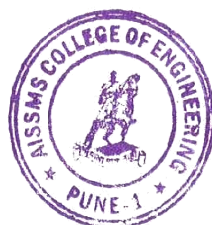


(HOD, P.V. Deshmukh addressing the audience)



(Induction Program Audience)

**DEPARTMENTAL ACHIEVEMENT:**



  
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DEPARTMENT OF FIRST YEAR ENGINEERING

- The Department of First Year Engineering **successfully conducted 5 events under ET-FESTA** namely Mad-Ad, Quizomania, Ludomania, TechArt and Technological Hunt during 2 day Institutional Technical Fest the “Engineering Today-2018”



Commencement of Ludomania Event



Mad-Ad event in progress



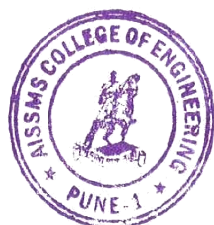
Judgement of Tech-Art Event



Winners of Technological Hunt Event

**FACULTY ACHIEVEMENT:**

- Dr. Amol B. Patil** has successfully completed his PhD on the topic “Study of certain subclasses of bi-univalent functions” from Shivaji University, Kolhapur.
- Dr. Vidya N. Patil** has been given the Best Paper Award “Bearing capacity of reinforced fly ash with model instrument” in All India Seminar on “Engineering for innovation To Product And Service” during October 13-14,2018,Pune and published in the technical journal of the Pune local center of The Institution of Engineers(India).
- Prof. Merilyn A. D’Cruz** gaining a score of 88% secured a place in the top 5% in Developing Soft Skills and Personality NPTEL course.

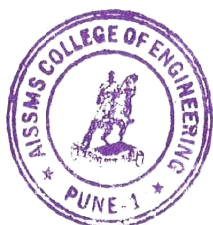



  
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- **S. M Manglekar** Completed Orientation program on “**Modern Pedagogy and recent technological development**” from 10-12-2018 to 14-12-2018.
- **Almas Ambreen** NPTEL-AICTE FDP on “**Advanced Linera Contineous control system: Application with MATLAB Programming and Simulink**” from Aug-Oct 2018.
- **Dr. V.S Kalyani** attended FDP on “**Water Management & Engergy Conservation**” from 14-07-2018 to 14-07-2018.
- **Dr. Vidya N. Patil** attended FDP on “**Reference Management in Research using Mendeley**” from 19-09-2018 to 19-09-2018.
- **Dr.D.V Nighot** attended Seminar on “**Environment and green technology for sustainable development**” from 18-01-2019 to 19-01-2019.
- **Dr.N.N Shejwal** Completed Orientation program on “**Modern Pedagogy and recent technological development**” from 10-12-2018 to 14-12-2018.
- **Ghorpade Aradhana S** Completed Orientation program on “**Modern Pedagogy and recent technological development**” from 10-12-2018 to 14-12-2018.
- **L. B Zirape** attended FDP on “**Water Management & Energy Conservation**” from 14-07-2018 to 14-07-2018
- **Merilyn D'cruz** completed NPTEL online course on “**Introduction to Research**” from Aug-Sep 2018 (8 Weeks)
- **Nitin G Shekapure** attended Workshop on “**NDT and its Application in Aerospace**” from 25-02-2019 to 25-02-2019
- **Patil Savidha Balwant** Completed certified course on “**Hit-Office (Construction ERP)**” from 14-02-2019 to 15-02-2019
- **Prachi Vast** attended Induction Refresher course on “**Recent trends in MEMS, Poer sources and Electronic Packaging**” from 25-06-2018 to 30-06-2018
- **Prafulla R Aahir** attended Induction Refresher course on “**Recent trends in MEMS, Poer sources and Electronic Packaging**” from 25-06-2018 to 30-06-2018



  
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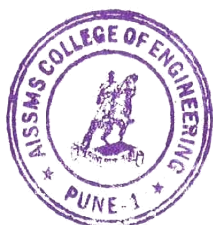



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- **Rahul S Shinde** attended FDP on “**Water Management & Energy Conservation**” from 14-07-2018 to 14-07-2018
- **Sagar T Gade** Completed Orientation program on “**Modern Pedagogy and recent technological development**” from 10-12-2018 to 14-12-2018
- **Smita A Takalkar** attended FDP on “**Cyber Security**” from 11-02-2019 to 17-02-2019.
- **Sonal A Chavan** attended FDP on “**Water Management & Energy Conservation**” from 14-07-2018 to 14-07-2018
- **Sonal S Ayare** Completed Orientation program on “**Modern Pedagogy and recent technological development**” from 10-12-2018 to 14-12-2018.
- **Sonali R Nalamwar** participated in General Orientation Program Conducted at UGC HRDC SPPU 15-02-2019 to 14-03-2019
- **Sumant S Patil** Completed Orientation program on “**Modern Pedagogy and recent technological development**” from 10-12-2018 to 14-12-2018
- **Surajkumar S Khasbage** Completed Orientation program on “**Modern Pedagogy and recent technological development**” from 10-12-2018 to 14-12-2018
- **V N Tarange** attended Seminar on “**Recent Trends in Solar Thermal Systems and its Scope in India**” from 21-02-2019 to 22-02-2019.

**STUDENT'S ACHIEVEMENTS:**

- **Master Viraj Vinayak Deshpande** won “**GOLD MEDAL**” in Kick Light Event and “**SILVER MEDAL**” in Point Fight Event during the ‘**Senior State Selection & Cadet Junior Open Championship 2018**’, organized by Amateur Sports Kickboxing Association (ASKAM) WAKO Maharashtra, at the Boxing Arena, Balewadi Pune.



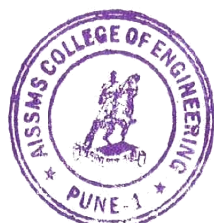
  
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- **Mr. Vaibhav Varma, Mr. Dipak Gaikwad, Mr. Nishant Inamdar and Mr Arindam Pal of First Year Engineering** bagged the “MEDAL OF MERIT” for their outstanding performance in **SEED IT IDOL - PUNE 2019**, a University Level Quiz Competition Organized by Seed Infotech and Savitribai Phule Pune University



  
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