

Dhole Patil College of Engineering Wagholi Pune



Annual Academic Report

2013-14

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1. About DPCOE:-

Dhole Patil College of Engineering (DPCOE) is a premier Engineering and Management College in the city of Pune, Maharashtra, India. DPCOE was founded in 2008 with the objective of providing quality technical education of international standards and to help create students that match contemporary global requirements. Young and dynamic Sagar Dhole Patil, a visionary entrepreneur and sportsman founded DPCOE. He is backed by rich history and social development activities of the Dhole Patil family. Today, the institution is at the forefront of education including academics, sports and social activity, among the Pune colleges. DPCOE has infrastructure, technical support and facilities comparable to the best in the country.

2. Students Intake:-

- **UG Intake:-**

Sr.No	Program	No of Seats
01	Automobile Engineering	60+60DSE
02	Mechanical Engineering	120
03	Computer Engineering	60+60DES
04	Civil Engineering	60
05	Electronics and Tele communication Engg	120
06	Information Technology	60

- **PG Intake:-**

Sr.No	Program	No of Seats
01	ME Design Engineering	24
02	ME Heat Power	24
03	ME VLSI and Embedded System	24
04	ME Computer	24
05	Master of Business Administration	60

3. Teaching Methodology:-

□ **Lecture methods:-**

The faculty members at DPCOE uses various teaching aids such as white board, diagrams, charts, 3D model etc. to make this method more interesting. Faculty members also interact with the students and difficulties encountered by the students are discussed during the lecture as well as informally after the lecture. Faculty members make use of model or prototype during lectures to demonstrate, principle of operation and explicitly by converting theory sessions into hybrid classrooms. The best infrastructural facilities are offered to the students and accordingly, all the classrooms in the college are fitted with LCD projectors. Teachers often use power point presentations to make learning an interesting experience. This minimizes the monotony of the lecture and makes understanding simpler and an enriching experience. Students are also encouraged to give presentations in the class by using the latest technology.

□ **Class Participation:-**

Participation in the class discussion is very important and every student must be contributing in the lecture. Students are expected to come with prepared with study material and also thorough reading is expected. This helps the students to know different study perspectives and to develop a thought process to approach any particular situation. It also helps them to improve their communication skill and confidence.

□ **Interactive Method:-**

DPCOE faculty members are conducting the lecture interactive. They are sparing time of about 5 to 10 minutes in each lecture to brief about advance technology in particular topic. During this session there is a discussion regarding previous lecture related to current topic, necessity of the topic and application of the particular topic. This method improves the students' knowledge on current topics, helps improve communication, builds confidence and thus, leads to personality development.

□ **Project Based learning**

To provide practical exposure to the students in respective subjects, faculty members encourage students to do some mini project. Mini projects are also useful in developing research skills and entrench the investigative mindset

among the students. Students are encouraged to undertake activities like preparation of industrial visit reports, preparation of field training report. DPCOE also organizes Entrepreneurship Development program. Such program plays an important role in the overall development of the students.

4. Industrial Visits:-

Industrial visit play an important role in the DPCOE education program. Students are taken for industry visits in and around Pune where they interact with the company people and have a first-hand experience of how a corporate entity actually works. Students are exposed to practical situations and events in companies thereby honing their skills and industry understanding. The industrial visit planed is as follows:

5. Infrastructure and Facility:-

Laboratory:-

The DPCOE has developed good infrastructure and facilities so that peaceful learning environment will be maintained. In last year college has constructed two basket ball courts. The class rooms and laboratories are constructed as per norms of regulating authority. The college has developed all laboratories as per the requirements of the curriculum of SPPU. The laboratories are updated and maintained every year with as per changes in curriculum.

Library:-

The library truly occupies a place of pride at DPCOE. It acts as an essential constituent of the college. The library houses a rich collection of more than 12000 text and reference books, journals, magazines, audio/videos, research, online databases and data analysis software, etc.

6. Industry and Institute Interaction Cell:-

Objective of the cell are as follows:

- To arrange industrial visit at various reputed industries
- To provide the internship to desired students.
- To help in syllabus revision based on industry need.
- To provide placement assessment to desired students.

The College took effort to develop the industry-institute interaction in 2013-14. College has organized various placement drives for the last year batch and some students got job as per their expectations. The college organized

different skill development programs in the last academic year. For first year students we have arranged soft skill lectures and DPARDS program.

7. Inter Collegiate Events:-

DPCOE has organized COGNETO intercollegiate event.

8. Club and Other activities:-

- **SAE Collegiate club:-**

DPCOE is having Automobile and Mechanical engineering branches, every mechanical and automobile engineering student must have SAE membership. So the students are able to participate in SUPRA, BAJA etc and also students are able to participate various guest lectures and workshop organized by ARAI and SAE.

- **Entrepreneurship Development cell:-**

DPCOE has formed EDC for conducting entrepreneurship development program for every year. In this year Automobile and Mechanical department jointly organized this program through EDC. We are getting result of such type of program; some of our student has started their industry, business etc.

9. MOU and Tie ups:-

DPCOE signed MoU with various Institute for conducting training sessions. Every department has signed MoU with various industries and institutions related to respective department. Department wise list is as follows:

Sr.No	Industry	Activity	Duration
1	CADD Center	CATIA Training	5 Years

10. Students Achievements:-

DPCOE teams screwdriver participated in national level go karting at LPU and secure second place.

DPCOE hosts the event of Alumni every year i.e. "Reunion". Alumni are a congregation of former students and faculty. It is an informal gathering of past students so that they can share their experiences with faculty members and

students. The alumni meet was by DPCOE on 25/08/2012. This was 1st Alumni meet in the history of college total 25 students was present for the same.

11. NSS/Sport activities:-

National Service Scheme provides the students an opportunity to understand the community; identify its needs and problems as well as the solutions in which they can be involved by assuming social and civic responsibilities. NSS also provides students with the opportunity to apply their education in finding practical solutions to the problems faced by the individuals and the community at large. NSS aims at arousing social consciousness of the youth with an overall objective of personality development through community service. NSS enables students to participate in various program of social service and national development, and to help the community. DPCOE organized following events under NSS in 2013-14:

SR. No.	Title of the program/Activity	Date	Number of participants
1	Road Safety Awareness	2/10/2013	62
2	Swachhata Abhiyaan	2/10/2013	69
3	Mutha River Swachhata	5/6/2013	36
4	Police Mitra Program	16/9/2013	32
5	Social Awareness Rally	07/01/2014	42
6	Independence Day	15/08/2013	190
7	Republic Day	26/01/2014	151

12. Other Activates[Kshitij]:-

DPCOE holds the Annual Social Gathering known as KSHITIJ every year. It is an annual social assembly for exploring the talents of hidden artists among the students. Competitions such as Dance,singing,Rangoli, Mehendi, T-Shirt painting, poster making etc. are also organized. KSHITIJ enjoys active participation from the students.

DPCOE organized various faculty development programs, short term training programs and seminars for the faculty and students. The college has started Entrepreneurs Development cell. Through this cell, an Entrepreneurship development program is arranged for final year students every year and many

students are becoming Entrepreneurs. The college has organized different skill development programs.

13. Faculty Achievement:-

Our faculty members are taking effort for the improving the performance of students. The faculty members are participating at various international, national and state level workshops, seminar etc. for the improving academic performance. Our some faculty members are nominated as subject chairman by BOS SPPU.

- Prof.S. Allurkar Appointed as Subject chairman for Design of Machine Element
- Prof.Nagraj appointed as subject chairman for Machine and vehicle dynamics.

Following workshops are organized by DPCOE

Sr.No.	Title of the workshop	Department
1	Automobile engineering Syllabus Revision Workshop	Auto
2	Workshop on Ethical Hacking	IT

14. Consultancy:-

Nil

15. Scholarship:- Around 16 students are benefited for kamaltai ulhas dholepatil scholarship scheme.

Dhole Patil College of Engineering Wagholi Pune



Annual Academic Report

2014-15

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2. Vision and Mission:-

- **Vision:-**

To emerge as the leading institute with National Recognition, where value based technical education and research are emphasized to transform student into professionally competent and socially sensitized engineers.

- **Mission:-**

- To offer contemporary education programs with focus on societal equity and access, laying down strong foundations in learning.
- To empower and motivate faculty towards building their domain expertise in technology and management verticals.
- To establish and nurture association with industry and elite institutions towards outcome oriented R&D initiatives.
- To groom all rounded personality of students towards leadership, self employability, self and lifelong learning.
- To develop a multidisciplinary R&D centers, where in facilities and resources are shared for well being of society.

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The DPCOE has developed good infrastructure and facilities so that peaceful learning environment will be maintained. In last year college has constructed two basket ball courts. The class rooms and laboratories are constructed as per norms of regulating authority. The college has developed all laboratories as per the requirements of the curriculum of SPPU. The laboratories are updated and maintained every year with as per changes in curriculum. In academic year 2014-15 college developed various laboratories viz. Automotive transmission and many more.

□ **Library:-**

The library truly occupies a place of pride at DPCOE. It acts as an essential constituent of the college. The library houses a rich collection of more than 14000 text and reference books, journals, magazines, audio/videos, research, online databases and data analysis software, etc.

□ **Cafeteria**

A full-fledged cafeteria is available at the campus, where tea, coffee, snacks, soft drinks etc are available. Multimedia facilities are also made available in the cafeteria. Provision of news channels and educational and documentary films facilitate students to relax and garner some useful information during scheduled breaks.

7. Industry and Institute Interaction Cell:-

Objective of the cell are as follows:

- To arrange industrial visit at various reputed industries
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- To provide placement assessment to desired students.

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8. Inter Collegiate Events:-

Nil

9. Club and Other activities:-

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National Service Scheme provides the students an opportunity to understand the community; identify its needs and problems as well as the solutions in which they can be involved by assuming social and civic responsibilities. NSS also provides students with the opportunity to apply their education in finding practical solutions to the problems faced by the individuals and the community at large. NSS aims at arousing social consciousness of the youth with an overall objective of personality development through community service. NSS

enables students to participate in various program of social service and national development, and to help the community. DPCOE organized following events under NSS in 2014-15:

SR. No.	Title of the program/Activity	Date	Number of participants
1	Road Safety Awareness	2/10/2014	67
2	Swachhata Abhiyaan	2/10/2014	60
3	Plastic Free Environment	21/12/2014	50
4	Independence Day	15/08/2014	185
5	Republic Day	26/01/2015	175

13. Career psychological Counseling:-

Career Counseling

DPCOE believes that faculty are not only academic professionals who can help students strengthen their academic achievements but also prepare them for life after college. Career Counseling includes a wide range of professional activities which focus on supporting students in dealing with career-related challenges.

Psychological Counseling

DPCOE also offers psychological counseling to its students. Psychological Counseling aims to help the students manage their difficulties and transform their personal problems into their own personal growths. Other benefits to be gained from psychological counseling include developing creativity, self-expression, and finding pathways to self-discovery. By exploring past and present experiences, students can open up to new possibilities and take control of their lifestyle.

14. Other Activates[Guest lectures,Seminars,Kshitij]:-

DPCOE holds the Annual Social Gathering known as KSHITIJ every year. It is an annual social assembly for exploring the talents of hidden artists among the students. Competitions such as Dance,singing,Rangoli, Mehendi, T-Shirt painting, poster making etc. are also organized. KSHITIJ enjoys active participation from the students.

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- Prof.S. Allurkar Appointed as Subject chairman for Design of Machine Element
- Prof.Anurag Nema Appointed as Subject Chairman for CAD/CAM Automation

Sr.No.	Title of the workshop	Department
1	Hands-on LATEX	

16. Consultancy:-

Nil

17. Scholarship:-

Almost 234 students benefited for Kamaltaai Ulhas Dhole Patil Scholarship Scheme

18. Parents Feedback:-

DPCOE conducts regular Parents-faculty Meetings as a means to communicate with the parents. Usually, a very valuable feedback emerges from the parents' side in these fruitful interactions. Parents are especially encouraged to discuss any concerns that they may have with respect to their ward's academic and overall progress. DPCOE ensures that the parents' suggestions are dealt with effectively, and appropriately, in confidence.

DPCOE is extremely prompt and diligent in taking up and implementing suggestions made by the parent body.

Dhole Patil College of Engineering Wagholi Pune



Annual Academic Report

2015-16

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2. Vision and Mission:-

- **Vision:-**

To emerge as the leading institute with National Recognition, where value based technical education and research are emphasized to transform student into professionally competent and socially sensitized engineers.

- **Mission:-**

- ♦ To offer contemporary education programs with focus on societal equity and access, laying down strong foundations in learning.
- ♦ To empower and motivate faculty towards building their domain expertise in technology and management verticals.
- ♦ To establish and nurture association with industry and elite institutions towards outcome oriented R&D initiatives.
- ♦ To groom all rounded personality of students towards leadership, self employability, self and lifelong learning.
- ♦ To develop a multidisciplinary R&D centers, where in facilities and resources are shared for well being of society.

3. Quality Policy:-

- We, at Dhole patil college of engineering are committed to impart quality education in technical and management stream as per the needs and expectations of the interested parties
- We are also committed to satisfy applicable requirements and continuous improvement of Quality management system.
- We shall strive to keep pace with the fast developing scenario of technology and socio-economy environment with the vision to develop World Class Technical Institution.

4. Goals:-

- **Long term goals:**

- ♦ To establish Research centre of excellence in engineering and technology
- ♦ To seek Academic Autonomy leading to University status
- ♦ To develop an Engineering Knowledge Centre of Society in general

- **Short Term goals:**

- ♦ To improve the interaction with institutes of national and international repute and industries from various fields of engineering
- ♦ To motivate and depute faculty for Doctoral Programs.

5. Students Intake:-

- **UG Intake:-**

Sr.No	Program	No of Seats
01	Automobile Engineering	60+60DSE
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04	Civil Engineering	60
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Sr.No	Program	No of Seats
01	ME Design Engineering	24
02	ME Heat Power	24
03	ME VLSI and Embedded System	24
04	ME Computer	24
05	Master of Business Administration	60

6. Teaching Methodology:-

- **Department Activity plan:-**

Academic Activities	Co-Curricular Activities	Faculty Development And Industry Interface
<ul style="list-style-type: none"> • Teaching Plan • Self learning sessions • Attendance monitoring • Teacher Guardian Scheme • Mock Online exams • Student Training Programs (STP) • Open Feedback • Unit Tests, Prelims • Well defined Internal Assessment Scheme • BE Project Competition 	<ul style="list-style-type: none"> • Employability Improvement • Technical Presentations • Soft Skills training • Invited talks by Industry Experts/ academicians • Technical quiz / Technical festivals • Industry Projects / Project exhibitions • Industry visits • BE Farewell function • Social / Cultural Programs/ Sports 	<ul style="list-style-type: none"> • In-house Training (Personal Interactions, Meetings / quality improvement programmes) • Industry exposure • Participation in workshops conducted by Industries / other institutes of eminence • Industrial visits • Training & Placement Activities • Training & Placement Activities • Vocational Training for students/Industrial visits

Lecture methods:-

The most predominant method of teaching is the lecture method. The faculty members at DPCOE uses various teaching aids such as white board, diagrams, charts, 3D model etc. to make this method more interesting. Faculty members also interact with the students and difficulties encountered by the students are discussed during the lecture as well as informally after the lecture. Faculty members make use of model or prototype during lectures to demonstrate, principle of operation and explicitly by converting theory sessions into hybrid classrooms. The best infrastructural facilities are offered to the students and accordingly, all the classrooms in the college are fitted with LCD projectors. Teachers often use power point presentations to make learning an interesting experience. This minimizes the monotony of the lecture and makes understanding simpler and an enriching experience. Students are also encouraged to give presentations in the class by using the latest technology.

□ **Class Participation:-**

Participation in the class discussion is very important and every student must be contributing in the lecture. Students are expected to come with prepared with study material and also thorough reading is expected. This helps the students to know different study perspectives and to develop a thought process to approach any particular situation. It also helps them to improve their communication skill and confidence.

□ **Interactive Method:-**

DPCOE faculty members are conducting the lecture interactive. They are sparing time of about 5 to 10 minutes in each lecture to brief about advance technology in particular topic. During this session there is a discussion regarding previous lecture related to current topic, necessity of the topic and application of the particular topic. Students are divided in groups of 5-10 students and are encouraged to speak on topics related to current affairs. Students are also asked to give PowerPoint presentations on selected topics. Faculty members also use methods such as role plays, quizzes, puzzles, case studies and so on to make learning an interesting experience. This method improves the students' knowledge on current topics, helps improve communication, builds confidence and thus, leads to personality development.

□ **Project Based learning**

To provide practical exposure to the students in respective subjects, faculty members encourage students to do some mini project. Mini projects are also useful in developing research skills and entrench the investigative mindset among the students.

Students are encouraged to undertake activities like preparation of industrial visit reports, preparation of field training report. DPCOE also organizes Entrepreneurship Development program. Such program plays an important role in the overall development of the students.

7. Industrial Visits:-

Industrial visit play an important role in the DPCOE education program. Students are taken for industry visits in and around Pune where they interact with the company people and have a first-hand experience of how a corporate entity actually works. DPCOE has planed various industrial visits in last academic year to various reputed industries like Panchashil, MSRTC, CIRT, Talera ford, JMRT Pune etc. to making bridge between industry and institute. Students are exposed to practical situations and events in companies thereby honing their skills and industry understanding. The industrial visit planed is as follows:

Sr. No	Industry	Date	Subject
1	Cool Car Ac Pvt ltd	1/10/2015	Auto
2	Hog Engineers	11/9/2015	Auto
3	PMPML Swarget	07/10/15	Auto
4	SHIVALIKA NISSAN	30/03/2016	Auto
5	ST WORKSHOP DAPODI	04/03/2015	Auto
6	Rainbow crossroad Wagholi, Pune	04/02/2016	Civil
7	Saniya Igniyari college, CME Pin908791	30/07/2015	Civil
8	RMC plant Birla Shakti	12/02/2016	Civil
9	Rajesh East Enigma, Lonikand	07/03/2016	Civil
10	JMRT		E&TC

8. Infrastructure and Facility:-

Laboratory:-

The DPCOE has developed good infrastructure and facilities so that peaceful learning environment will be maintained. In last year college has constructed two basket ball courts. The class rooms and laboratories are constructed as per norms of regulating authority. The college has developed all laboratories as per the requirements of the curriculum of SPPU. The laboratories are updated and maintained every year with as per changes in curriculum. In academic year 2015-16 college developed various

laboratories viz. Automotive Electrical and Electronics laboratory, Vehicle Performance and testing etc.

□ **Library:-**

The library truly occupies a place of pride at DPCOE. It acts as an essential constituent of the college. The library houses a rich collection of more than 16000 text and reference books, journals, magazines, audio/videos, research, online databases and data analysis software, etc.

□ **Cafeteria**

A full-fledged cafeteria is available at the campus, where tea, coffee, snacks, soft drinks etc are available. Multimedia facilities are also made available in the cafeteria. Provision of news channels and educational and documentary films facilitate students to relax and garner some useful information during scheduled breaks.

9. Industry and Institute Interaction Cell:-

Objective of the cell are as follows:

- To arrange industrial visit at various reputed industries
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- To help in syllabus revision based on industry need.
- To provide placement assessment to desired students.

The College took effort to develop the industry-institute interaction in 2015-16. College has organized various placement drives for the last year batch and some students got job as per their expectations. The institute has planed various industrial visits in last academic year to various reputed industries like Panchashil, MSRTC, CIRT, Talera ford etc. to making bridge between industry and institute. The industry institute interaction cell has arranged various training session for the final year students like resume writing, study in abroad, career counseling etc. The college organized different skill development programs in the last academic year. For first year students we have arranged soft skill lectures and DPARDS program.

10. Inter Collegiate Events:-

Nil

11. Club and Other activities:-

• **SAE Collegiate club:-**

DPCOE is having Automobile and Mechanical engineering branches, every mechanical and automobile engineering student must have SAE membership. So

the students are able to participate in SUPRA, BAJA etc and also students are able to participate various guest lectures and workshop organized by ARAI and SAE.

- **Entrepreneurship Development cell:-**

DPCOE has formed EDC for conducting entrepreneurship development program for every year. In this year Automobile and Mechanical department jointly organized this program through EDC. We are getting result of such type of program; some of our student has started their industry, business etc.

12. MOU and Tie ups:-

DPCOE signed MoU with various industries and institutes for internship and trainging. Every department has signed MoU with various industries and institutions related to respective department. Department wise list is as follows:

Sr.No	Industry	Activity	Duration
1	Panchashil Reality	Internship , training for Total Station	3 Years
2	CADD Center	CATIA Training	5 Years

13. Students Achievements:-

Our college SAE SUPRA team secured 35 rank in the India out of 140th teams. Also our student from

DPCOE hosts the event of Alumni every year i.e. “Reunion”. Alumni are a congregation of former students and faculty. It is an informal gathering of past students so that they can share their experiences with faculty members and students. The alumni meet was by DPCOE on 26/12/2016. This was 3rd Alumni meet in the history of college total 124 students was present for the same.

14. Foreign Tours:-

Nil

15. NSS/Sport activities:-

National Service Scheme provides the students an opportunity to understand the community; identify its needs and problems as well as the solutions in which they can be involved by assuming social and civic responsibilities. NSS also provides students with the opportunity to apply their education in finding practical solutions to the

problems faced by the individuals and the community at large. NSS aims at arousing social consciousness of the youth with an overall objective of personality development through community service. NSS enables students to participate in various program of social service and national development, and to help the community. DPCOE organized following events under NSS in 2015-16:

SR. No.	Title of the program/Activity	Date	Number of participants
1	One Act play on Dedication of Savitribai & Mahatma Phule to Society	3/1/2016	
2	Road Safety Awareness	02/10/2015	65
3	Swachhata Abhiyaan	02/10/2015	72
4	Celebration Constitution Day	26/11/2015	41
5	Independence Day	15/08/2015	175
6	Republic Day	26/01/2016	185

16. Career psychological Counseling:-

Career Counseling

DPCOE believes that faculty are not only academic professionals who can help students strengthen their academic achievements but also prepare them for life after college. Career Counseling includes a wide range of professional activities which focus on supporting students in dealing with career-related challenges.

Psychological Counseling

DPCOE also offers psychological counseling to its students. Psychological Counseling aims to help the students manage their difficulties and transform their personal problems into their own personal growths. Other benefits to be gained from psychological counseling include developing creativity, self-expression, and finding pathways to self-discovery. By exploring past and present experiences, students can open up to new possibilities and take control of their lifestyle.

17. Other Activates[Kshitij]:-

DPCOE holds the Annual Social Gathering known as KSHITIJ every year. It is an annual social assembly for exploring the talents of hidden artists among the students. Competitions such as Dance, singing, Rangoli, Mehendi, T-Shirt painting, poster making etc. are also organized. KSHITIJ enjoys active participation from the students. DPCOE organized various faculty development programs, short term training programs and seminars for the faculty and students. The college has started Entrepreneurs Development cell. Through this cell, an Entrepreneurship development program is arranged for final year students every year and many students are becoming Entrepreneurs. The college has organized different skill development programs. For first year students, we have arranged soft skill lectures and DPARDS program. For second year students we have arranged software proficiency courses like CATIA, Pro-e, JAVA, ASP.net, C++ etc. also conducted Tech-Rel soft skill training. For third year students we have arranged hands on practice for dismantling, servicing and assembly of various machines. Also we conducted guest and expert lectures by industrial expert to deliver the lecture on latest technology.

18. Faculty Achievement:-

Our faculty members are taking effort for the improving the performance of students. The faculty members are participating at various international, national and state level workshops, seminar etc. for the improving academic performance. Our some faculty members are nominated as subject chairman by BOS SPPU.

- Prof.S. Allurkar Appointed as Subject chairman for Design of Machine Element
- Prof.Anurag Nema Appointed as Subject Chairman for CAD/CAM Automation

19. Consultancy:-

DPCOE is committed to ensure a focused involved of both academia and industry. It recognizes the need to develop systems and procedures to ensure that the industry expectations are met without any compromise on academic aspirations. Academic institutions can help the industrial companies by providing consultancy services which are sought by small-scale entrepreneurs having no access to R&D and quality control facilities. It can be in the form of evaluation of products, processes, software development etc.

DPCOE civil department has done some testing project of Gammon india related to civil engineering and also some post graduation project testing carried out in campus. The department generated revenue almost up to the Rs.1,00,000/-

20. Scholarship:-

Almost 155 students benefited for Kamaltaai Ulhas Dhole Patil Scholarship Scheme

21. Parents Feedback:-

DPCOE conducts regular Parents-faculty Meetings as a means to communicate with the parents. Usually, a very valuable feedback emerges from the parents' side in these fruitful interactions. Parents are especially encouraged to discuss any concerns that they may have with respect to their ward's academic and overall progress. DPCOE ensures that the parents' suggestions are dealt with effectively, and appropriately, in confidence. DPCOE is extremely prompt and diligent in taking up and implementing suggestions made by the parent body.

Dhole Patil College of Engineering Wagholi Pune



Annual Academic Report

2016-17

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1. About DPCOE:-

Dhole Patil College of Engineering (DPCOE) is a premier Engineering and Management College in the city of Pune, Maharashtra, India. DPCOE was founded in 2008 with the objective of providing quality technical education of international standards and to help create students that match contemporary global requirements. Young and dynamic Sagar Dhole Patil, a visionary entrepreneur and sportsman founded DPCOE. He is backed by rich history and social development activities of the Dhole Patil family. Today, the institution is at the forefront of education including academics, sports and social activity, among the Pune colleges. DPCOE has infrastructure, technical support and facilities comparable to the best in the country.

2. Vision and Mission:-

• Vision:-

To emerge as the leading institute with National Recognition, where value based technical education and research are emphasized to transform student into professionally competent and socially sensitized engineers.

• Mission:-

- ♦ To offer contemporary education programs with focus on societal equity and access, laying down strong foundations in learning.
- ♦ To empower and motivate faculty towards building their domain expertise in technology and management verticals.
- ♦ To establish and nurture association with industry and elite institutions towards outcome oriented R&D initiatives.
- ♦ To groom all rounded personality of students towards leadership, self employability, self and lifelong learning.
- ♦ To develop a multidisciplinary R&D centers, where in facilities and resources are shared for well being of society.

3. Quality Policy:-

- We, at Dhole patil college of engineering are committed to impart quality education in technical and management stream as per the needs and expectations of the interested parties
- We are also committed to satisfy applicable requirements and continuous improvement of Quality management system.
- We shall strive to keep pace with the fast developing scenario of technology and socio-economy environment with the vision to develop World Class Technical Institution.

4. Goals:-

- **Long term goals:**

- ♦ To establish Research centre of excellence in engineering and technology
 - ♦ To seek Academic Autonomy leading to University status
 - ♦ To develop an Engineering Knowledge Centre of Society in general
- **Short Term goals:**
 - ♦ To improve the interaction with institutes of national and international repute and industries from various fields of engineering
 - ♦ To motivate and depute faculty for Doctoral Programs.

5. Students Intake:-

- **UG Intake:-**

Sr.No	Program	No of Seats
01	Automobile Engineering	45+45DSE
02	Mechanical Engineering	90
03	Computer Engineering	45+45DES
04	Civil Engineering	45
05	Electronics and Tele communication Engg	90
06	Information Technology	45

- **PG Intake:-**

Sr.No	Program	No of Seats
01	ME Design	15
02	ME Heat Power	15
03	ME VLSI and Embedded System	15
04	ME Computer	15
05	Master of Business Administration	45

6. Teaching Methodology:-

- **Department Activity plan:-**

Academic Activities	Co-Curricular Activities	Faculty Development And Industry Interface
<ul style="list-style-type: none"> • Teaching Plan • Self learning sessions • Attendance monitoring • Teacher Guardian Scheme • Mock Online exams • Student Training Programs (STP) • Open Feedback • Unit Tests, Prelims • Well defined Internal Assessment Scheme • BE Project Competition 	<ul style="list-style-type: none"> • Employability Improvement • Technical Presentations • Soft Skills training • Invited talks by Industry Experts/ academicians • Technical quiz / Technical festivals • Industry Projects / Project exhibitions • Industry visits • BE Farewell function • Social / Cultural Programs/ Sports 	<ul style="list-style-type: none"> • In-house Training (Personal Interactions, Meetings / quality improvement programmes) • Industry exposure • Participation in workshops conducted by Industries / other institutes of eminence • Industrial visits • Training & Placement Activities • Training & Placement Activities • Vocational Training for students/Industrial visits

Lecture methods:-

The most predominant method of teaching is the lecture method. The faculty members at DPCOE uses various teaching aids such as white board, diagrams, charts, 3D model etc. to make this method more interesting. Faculty members also interact

with the students and difficulties encountered by the students are discussed during the lecture as well as informally after the lecture. Faculty members make use of model or prototype during lectures to demonstrate, principle of operation and explicitly by converting theory sessions into hybrid classrooms. The college foresees to introduce STEM education to meet global challenges in technology explosion and thrust. Our faculty members using humor in teaching, it is a very effective tool for both teacher and student. Humor strengthens the relationship between students and teacher, reduces the stress makes course more interesting and if relevant to the subject, may even enhance recall of the material. Humor has the ability to relax people, reduce tension, and thereby create an atmosphere conducive for learning and communication. The best infrastructural facilities are offered to the students and accordingly, all the classrooms in the college are fitted with LCD projectors. Teachers often use power point presentations to make learning an interesting experience. This minimizes the monotony of the lecture and makes understanding simpler and an enriching experience. Students are also encouraged to give presentations in the class by using the latest technology.

□ **Class Participation:-**

Participation in the class discussion is very important and every student must be contributing in the lecture. Students are expected to come with prepared with study material and also thorough reading is expected. This helps the students to know different study perspectives and to develop a thought process to approach any particular situation. It also helps them to improve their communication skill and confidence.

□ **Interactive Method:-**

DPCOE faculty members are conducting the lecture interactive. They are sparing time of about 5 to 10 minutes in each lecture to brief about advance technology in particular topic. During this session there is a discussion regarding previous lecture related to current topic, necessity of the topic and application of the particular topic. Students are divided in groups of 5-10 students and are encouraged to speak on topics related to current affairs. Students are also asked to give PowerPoint presentations on selected topics. Faculty members also use methods such as role plays, quizzes, puzzles, case studies and so on to make learning an interesting experience. This method improves the students' knowledge on current topics, helps improve communication, builds confidence and thus, leads to personality development.

□ **Project Based learning:-**

To provide practical exposure to the students in respective subjects, faculty members encourage students to do some mini project. Mini projects are also useful in developing research skills and entrench the investigative mindset among the students. Students are encouraged to undertake activities like preparation of industrial visit reports, preparation of field training report. DPCOE also organizes Entrepreneurship Development program. Such program plays an important role in the overall development of the students.

□ **Academic Monitoring:-**

DPCOE has form internal quality assurance cell from this academic year. This cell takes care of academic monitoring such as lecture practical conduction report, students attendance, faculty feedback etc. The IQAC carried out one review n every month also take corrective action whenever needed. DPCOE also starts the ISO 9001:2015 certification process.

7. Industrial Visits:-

Industrial visit play an important role in the DPCOE education program. Students are taken for industry visits in and around Pune where they interact with the company people and have a first-hand experience of how a corporate entity actually works. DPCOE has planed various industrial visits in last academic year to various reputed industries like Panchashil, MSRTC, CIRT, Talera ford, JMRT Pune etc. to making bridge between industry and institute. Students are exposed to practical situations and events in companies thereby honing their skills and industry understanding. The industrial visit planed is as follows:

Sr. No	Industry	Date	Subject
1	Panchshil Tower, Wagholi	6/4/2017	CIVIL
2	PCMC, Pune	5/4/2017	CIVIL
3	Khadakwasla dam	3/4/2017	CIVIL
4	WTP, Nigdi, Pune	27/03/2017	CIVIL
5	Katraj Old and new	23/03/2017	CIVIL
6	RMC plant Birla Shakti Wagholi	18/03/2017	CIVIL
7	Koyna dam and Kanher Dam, Satara	18/02/2017	CIVIL
8	MIT Campus Loni Kalbhori	6/1/2017	CIVIL
9	Yerwada Hot Mix plant,	10/10/2016	CIVIL
10	Pune		CIVIL
11	RMC plant Birla Shakti Wagholi	28/09/2016	CIVIL
12	Paranjape scheme, Hinjewadi	28/09/2016	CIVIL
13	Nyati Group, Yerawada, Pune	8/10/2016	CIVIL

14	Pune Railway Station	22/09/2016	CIVIL
15	Om sai tarding Company, fly ash block manufacturing	19/09/2016	CIVIL
16	Bridge Structure KSB chowk, Pune	14/09/2016	CIVIL
17	CIRT, Nashik road, Pune	20/09/2016	CIVIL
18	CWPRS, Khadakwasla	19/08/2016	CIVIL
19	Pune Railway Station	1/8/2016	CIVIL
20	Naidu Seawage treatment plant, Pune station	7/21/2016	CIVIL
21	Panchshil Tower, Wagholi	21/07/2016	CIVIL
22	Rajesh East Enigma, Lonikand	7/3/2016	CIVIL
23	RMC plant Birla Shakti	12/2/2016	CIVIL
24	MSRTC Workshop Dapodi	13/02/2017	AUTO
25	TALERA FORD	31/03/2017	AUTO
26	Sai Service	7/11/2016	AUTO
27	GMRT , Kothrud		E&TC
28			
29			

8. Infrastructure and Facility:-

Laboratory:-

The DPCOE has developed good infrastructure and facilities so that peaceful learning environment will be maintained. In last year college has constructed two basket ball courts. The class rooms and laboratories are constructed as per norms of regulating authority. The college has developed all laboratories as per the requirements of the curriculum of SPPU. The laboratories are updated and maintained every year with as per changes in curriculum. In academic year 2016-17 college developed various laboratories viz. Vehicle Maintenance, Automotive Electrical and Electronics laboratory, Center of Excellence etc.

Library:-

The library truly occupies a place of pride at DPCOE. It acts as an essential constituent of the college. The library houses a rich collection of more than 16000 text and reference books, journals, magazines, audio/videos, research, online databases and data analysis software, etc.

Cafeteria

A full-fledged cafeteria is available at the campus, where tea, coffee, snacks, soft drinks etc are available. Multimedia facilities are also made available in the cafeteria. Provision of news channels and educational and documentary films facilitate students to relax and garner some useful information during scheduled breaks.

9. Industry and Institute Interaction Cell:-

Objective of the cell are as follows:

- To arrange industrial visit at various reputed industries
- To provide the internship to desired students.

- To help in syllabus revision based on industry need.
- To provide placement assessment to desired students.

The College took effort to develop the industry-institute interaction in 2016-17. College has organized various placement drives for the last year batch and some students got job as per their expectations. The institute has planned various industrial visits in last academic year to various reputed industries like Panchashil, MSRTC, CIRT, Talera ford etc. to making bridge between industry and institute. The industry institute interaction cell has arranged various training session for the final year students like resume writing, study in abroad, career counseling etc. The college organized different skill development programs in the last academic year. For first year students we have arranged soft skill lectures and DPARDS program. For second year students we have arranged software proficiency courses like CATIA, Pro-e, JAVA, ASP.net, C++ etc. also conducted Tech-Rel soft skill training. For third year students we have arranged hands on practice on dismantling, servicing and assembly of various machines. Also college conducted guest and expert lectures by industrial expert to bridge the gap between industry and institution. For final year students we have organized Entrepreneurship Development programs. Also college has arranged lectures on study in abroad and GATE preparation, software courses like hyper mesh, fusion360, 3D printing. Third year and final year students were encouraged to participate in national events like SUPRA, BAJA, Go-karting and ROBOCON etc. The college identified the need of students who have poor communication skill and the college provided the coaching to improve their soft skills. Language laboratory facility is available.

10. Inter Collegiate Events:-

AIRC 2017:-

DPCOE and AIRC have arranged national level Go-Karting event in campus.

35 Teams from overall India participated in the event.

11. Club and Other activities:-

- **SAE Collegiate club:-**

DPCOE is having Automobile and Mechanical engineering branches, every mechanical and automobile engineering student must have SAE membership. So the students are able to participate in SUPRA, BAJA etc and also students are able to participate various guest lectures and workshop organized by ARAI and SAE.

- **Entrepreneurship Development cell:-**

DPCOE has formed EDC for conducting entrepreneurship development program for every year. In this year Automobile and Mechanical department jointly organized this program through EDC. We are getting result of such type of program; some of our student has started their industry, business etc.

12. MOU and Tie ups:-

College has signed MoU with College of Engineering Pune in 2016-17 under AICTE Margadarshan Scheme. COEP is working as mentor institute for growth of our college. The MoU include knowledge sharing and facility sharing so that students and faculties of DPCOE are getting benefits. Every department has signed MoU with various industries and institutions related to respective department. Department wise list is as follows:

Sr.No	Industry	Activity	Duration
1	COE Pune	Academic Improvement	5 years
2	Integrated Civil Software Academy	Autocad, Stadpro software training	2 Years
3	Panchashil Reality	Internship , training for Total Station	3 Years
4	Manisha Constructions	Placement	3 Years
5	CADD Center	CATIA Training	5 Years
6	SW SYSTEM	Training Fusion 360	3 Years
7	Vinsys Technolgy	Certificate Programs	

13. Students Achievements:-

Our college SAE SUPRA team secured 7th rank in the India out of 126th teams. Also our student from Final year Automobile Secured 2nd rank in Savitribai Phule Pune University. Two projects groups from final year automobile engineering awarded best project by our college management. The ROBOCON team participates in competition and secured in top 15. Mr.Ismile Dokadia secured 2nd rank in university result in final year Automobile Engineering.

DPCOE hosts the event of Alumni every year i.e. “Reunion”. Alumni are a congregation of former students and faculty. It is an informal gathering of past students so that they can share their experiences with faculty members and students. The alumni meet was by DPCOE on 27/01/2017. This was 4th Alumni meet in the history of college total 434 students was present for the same.

14. Foreign Tours:-

Nil

15. NSS/Sport activities:-

National Service Scheme provides the students an opportunity to understand the community; identify its needs and problems as well as the solutions in which they can be involved by assuming social and civic responsibilities. NSS also provides students with the opportunity to apply their education in finding practical solutions to the problems faced by the individuals and the community at large. NSS aims at arousing social consciousness of the youth with an overall objective of personality development through community service. NSS enables students to participate in various program of social service and national development, and to help the community. DPCOE organized following events under NSS in 2016-17:

SR. No.	Title of the program/Activity	Duration	Number of participants
1	National Anthem in Remembrance to Indian Solider Sacrifice	23/08/2016	80
2	Tribute to Our Soldiers	15/08/2016	75
3	Freedom Fortnights Azadi -70	9/09/2016	15
4	Freedom Run	14/08/2016	40
5	Poster Competition on freedom fighter	22/08/2016	20
6	Road Safety Awareness	02/10.2016	69
7	Swachhata Abhiyaan	02/10/2016	83
8	Women harassment at workplace	27/2/2017	87

16. Career psychological Counseling:-

Career Counseling

DPCOE believes that faculty are not only academic professionals who can help students strengthen their academic achievements but also prepare them for life after college. Career Counseling includes a wide range of professional activities which focus on supporting students in dealing with career-related challenges.

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17. Other Activates[Guest lecture, seminar,Kshitij]:-

DPCOE holds the Annual Social Gathering known as KSHITIJ every year. It is an annual social assembly for exploring the talents of hidden artists among the students.

Competitions such as Dance, singing, Rangoli, Mehendi, T-Shirt painting, poster making etc. are also organized. KSHITIJ enjoys active participation from the students. DPCOE organized various faculty development programs, short term training programs and seminars for the faculty and students. The college has started Entrepreneurs Development cell. Through this cell, an Entrepreneurship development program is arranged for final year students every year and many students are becoming Entrepreneurs. The college has organized different skill development programs. For first year students, we have arranged soft skill lectures and DPARDS program. For second year students we have arranged software proficiency courses like CATIA, Pro-e, JAVA, ASP.net, C++ etc. also conducted Tech-Rel soft skill training. For third year students we have arranged hands on practice for dismantling, servicing and assembly of various machines. Also we conducted guest and expert lectures by industrial expert to deliver the lecture on latest technology.

18. Faculty Achievement:-

Our faculty members are taking effort for the improving the performance of students. The faculty members are participating at various international, national and state level workshops, seminar etc. for the improving academic performance. Our some faculty members are nominated as subject chairman by BOS SPPU.

- Prof.S. Allurkar Appointed as Subject chairman for Design of Machine Element
- Prof.M.D.Patil appointed as Subject Chairman for Automotive Electrical and Electronics.
- Prof.Gajjala Patel Successfully Completed her Phd.
- Prof.Manoaj Katore Successfully Completed his Phd.
- Prof.Anurag Nema Registered for PhD.
- Prof.Girish Gudi has Registered for PhD.

19. Consultancy:-

DPCOE is committed to ensure a focused involved of both academia and industry. It recognizes the need to develop systems and procedures to ensure that the industry expectations are met without any compromise on academic aspirations. Academic institutions can help the industrial companies by providing consultancy services which are sought by small-scale entrepreneurs having no access to R&D and quality control facilities. It can be in the form of evaluation of products, processes, software development etc.

DPCOE civil department has done some testing project of Gammon india related to civil engineering and also some post graduation project testing carried out in campus. The department generated revenue almost up to the Rs.1,00,000/-

20. Scholarship:-

Almost 96 students benefited for Kamaltaai Ulhas Dhole Patil Scholarship Scheme

21. Parents Feedback:-

DPCOE conducts regular Parents-faculty Meetings as a means to communicate with the parents. Usually, a very valuable feedback emerges from the parents' side in these fruitful interactions. Parents are especially encouraged to discuss any concerns that they may have with respect to their ward's academic and overall progress. DPCOE ensures that the parents' suggestions are dealt with effectively, and appropriately, in confidence. DPCOE is extremely prompt and diligent in taking up and implementing suggestions made by the parent body.

Dhole Patil College of Engineering Wagholi Pune



Annual Academic Report

2017-18

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1. About DPCOE:-

Dhole Patil College of Engineering (DPCOE) is ISO 9001:2015 certified engineering and Management College in pune. it was established in 2008 with objective of providing quality technical education.

Vision and Mission:-

• Vision:-

To emerge as the leading institute with National Recognition, where value based technical education and research are emphasized to transform student into professionally competent and socially sensitized engineers.

• Mission:-

- ♦ To offer contemporary education programs with focus on societal equity and access, laying down strong foundations in learning.
- ♦ To empower and motivate faculty towards building their domain expertise in technology and management verticals.
- ♦ To establish and nurture association with industry and elite institutions towards outcome oriented R&D initiatives.
- ♦ To groom all rounded personality of students towards leadership, self employability, self and lifelong learning.
- ♦ To develop a multidisciplinary R&D centers, where in facilities and resources are shared for well being of society.

2. Quality Policy:-

- We, at Dhole patil college of engineering are committed to impart quality education in technical and management stream as per the needs and expectations of the interested parties
- We are also committed to satisfy applicable requirements and continuous improvement of Quality management system.
- We shall strive to keep pace with the fast developing scenario of technology and socio-economy environment with the vision to develop World Class Technical Institution.

3. Goals:-

• Long term goals:

- ♦ To establish Research centre of excellence in engineering and technology
- ♦ To seek Academic Autonomy leading to University status
- ♦ To develop an Engineering Knowledge Centre of Society in general

- **Short Term goals:**
- ♦ To improve the interaction with institutes of national and international repute and industries from various fields of engineering
- ♦ To motivate and depute faculty for Doctoral Programs.

4. Students Intake:-

- **UG Intake:-**

Sr.No	Program	No of Seats
01	Automobile Engineering	45+45DSE
02	Mechanical Engineering	90
03	Computer Engineering	45+45DES
04	Civil Engineering	45
05	Electronics and Tele communication Engg	90
06	Information Technology	45

- **PG Intake:-**

Sr.No	Program	No of Seats
01	ME Design Engineering	15
02	ME Heat Power	15
03	ME VLSI and Embedded System	15
04	ME Computer	15
05	Master of Business Administration	45

5. Teaching Methodology:-

- **Department Activity plan:-**

Academic Activities	Co-Curricular Activities	Faculty Development And Industry Interface
<ul style="list-style-type: none"> • Teaching Plan • Self learning sessions • Attendance monitoring • Teacher Guardian Scheme • Mock Online exams • Student Training Programs (STP) • Open Feedback • Unit Tests, Prelims • Well defined Internal Assessment Scheme • BE Project Competition 	<ul style="list-style-type: none"> • Employability Improvement • Technical Presentations • Soft Skills training • Invited talks by Industry Experts/ academicians • Technical quiz / Technical festivals • Industry Projects / Project exhibitions • Industry visits • BE Farewell function • Social / Cultural Programs/ Sports 	<ul style="list-style-type: none"> • In-house Training (Personal Interactions, Meetings / quality improvement programmes) • Industry exposure • Participation in workshops conducted by Industries / other institutes of eminence • Industrial visits • Training & Placement Activities • Training & Placement Activities • Vocational Training for students/Industrial visits

Lecture methods:-

The most predominant method of teaching is the lecture method. The faculty members at DPCOE uses various teaching aids such as white board, diagrams, charts, 3D model etc. to make this method more interesting. Faculty members also interact

with the students and difficulties encountered by the students are discussed during the lecture as well as informally after the lecture. Faculty members make use of model or prototype during lectures to demonstrate, principle of operation and explicitly by converting theory sessions into hybrid classrooms. The college foresees to introduce STEM education to meet global challenges in technology explosion and thrust. Our faculty members using humor in teaching, it is a very effective tool for both teacher and student. Humor strengthens the relationship between students and teacher, reduces the stress makes course more interesting and if relevant to the subject, may even enhance recall of the material. Humor has the ability to relax people, reduce tension, and thereby create an atmosphere conducive for learning and communication. The best infrastructural facilities are offered to the students and accordingly, all the classrooms in the college are fitted with LCD projectors. Teachers often use power point presentations to make learning an interesting experience. This minimizes the monotony of the lecture and makes understanding simpler and an enriching experience. Students are also encouraged to give presentations in the class by using the latest technology.

□ **Class Participation:-**

Participation in the class discussion is very important and every student must be contributing in the lecture. Students are expected to come with prepared with study material and also thorough reading is expected. This helps the students to know different study perspectives and to develop a thought process to approach any particular situation. It also helps them to improve their communication skill and confidence.

□ **Interactive Method:-**

DPCOE faculty members are conducting the lecture interactive. They are sparing time of about 5 to 10 minutes in each lecture to brief about advance technology in particular topic. During this session there is a discussion regarding previous lecture related to current topic, necessity of the topic and application of the particular topic. Students are divided in groups of 5-10 students and are encouraged to speak on topics related to current affairs. Students are also asked to give PowerPoint presentations on selected topics. Faculty members also use methods such as role plays, quizzes, puzzles, case studies and so on to make learning an interesting experience. This method improves the students' knowledge on current topics, helps improve communication, builds confidence and thus, leads to personality development.

□ **Project Based learning:-**

To provide practical exposure to the students in respective subjects, faculty members encourage students to do some mini project. Mini projects are also useful in developing research skills and entrench the investigative mindset among the students. Students are encouraged to undertake activities like preparation of industrial visit reports, preparation of field training report. DPCOE also organizes Entrepreneurship Development program. Such program plays an important role in the overall development of the students.

□ **Academic Monitoring:-**

DPCOE has form internal quality assurance cell from this academic year. This cell takes care of academic monitoring such as lecture practical conduction report, students attendance, faculty feedback etc. The IQAC carried out one review n every month also take corrective action whenever needed. DPCOE is ISO 9001:2015 certified institute.

6. Industrial Visits:-

Industrial visit play an important role in the DPCOE education program. Students are taken for industry visits in and around Pune where they interact with the company people and have a first-hand experience of how a corporate entity actually works. DPCOE has planed various industrial visits in last academic year to various reputed industries like Panchashil, MSRTC, CIRT, Talera ford, JMRT Pune etc. to making bridge between industry and institute. Students are exposed to practical situations and events in companies thereby honing their skills and industry understanding. Department of Automobile and Mechanical students visited to IIT Bombay Cryogenic lab.

7. Infrastructure and Facility:-

□ **Laboratory:-**

The DPCOE has developed good infrastructure and facilities so that peaceful learning environment will be maintained. In last year college has constructed two basket ball courts. The class rooms and laboratories are constructed as per norms of regulating authority. The college has developed all laboratories as per the requirements of the curriculum of SPPU. The laboratories are updated and maintained every year with as per changes in curriculum. In academic year 2017-18 college developed various

laboratories viz. Vehicle Maintenance, Automotive Electrical and Electronics laboratory, Center of Excellence etc.

□ **Library:-**

The library truly occupies a place of pride at DPCOE. It acts as an essential constituent of the college. The library houses a rich collection of more than 16000 text and reference books, journals, magazines, audio/videos, research, online databases and data analysis software, etc.

□ **Cafeteria**

A full-fledged cafeteria is available at the campus, where tea, coffee, snacks, soft drinks etc are available. Multimedia facilities are also made available in the cafeteria. Provision of news channels and educational and documentary films facilitate students to relax and garner some useful information during scheduled breaks.

8. Industry and Institute Interaction Cell:-

Objective of the cell are as follows:

- To arrange industrial visit at various reputed industries
- To provide the internship to desired students.
- To help in syllabus revision based on industry need.
- To provide placement assessment to desired students.

The College took effort to develop the industry-institute interaction in 2017-18. College has organized various placement drives for the last year batch and some students got job as per their expectations. The institute has planed various industrial visits in last academic year to various reputed industries like Panchashil, MSRTC, CIRT, Talera ford etc. to making bridge between industry and institute. The industry institute interaction cell has arranged various training session for the final year students like resume writing, study in abroad, career counseling etc. The college organized different skill development programs in the last academic year. For first year students we have arranged soft skill lectures and DPARDS program. For second year students we have arranged software proficiency courses like CATIA, Pro-e, JAVA, ASP.net, C++ etc. also conducted Tech-Rel soft skill training. For third year students we have arranged hands on practice on dismantling, servicing and assembly of various machines. Also college conducted guest and expert lectures by industrial expert to bridge the gap between industry and institution. For final year students we have organized Entrepreneurship Development programs. Also college has arranged lectures on study in abroad and GATE preparation, software courses like hyper mesh, fusion360, 3D printing. Third year and final year students were encouraged to

participate in national events like SUPRA, BAJA, Go-karting and ROBOCON etc. The college identified the need of students who have poor communication skill and the college provided the coaching to improve their soft skills. Language laboratory facility is available.

List of place students:-

9. Inter Collegiate Events:-

DPCOE NSS have organized intercollegiate street play competition. DPCOE have organized intercollegiate basket ball competition in association with SPPU.

10. Club and Other activities:-

• **SAE Collegiate club:-**

DPCOE is having Automobile and Mechanical engineering branches, every mechanical and automobile engineering student must have SAE membership. So the students are able to participate in SUPRA, BAJA etc and also students are able to participate various guest lectures and workshop organized by ARAI and SAE.

• **Entrepreneurship Development cell:-**

DPCOE has formed EDC for conducting entrepreneurship development program for every year. In this year Automobile and Mechanical department jointly organized this program through EDC. We are getting result of such type of program; some of our student has started their industry, business etc.

11. MOU and Tie ups:-

College has signed MoU with College of Engineering Pune in 2017-18 under AICTE Margadarshan Scheme. COEP is working as mentor institute for growth of our college. The MoU include knowledge sharing and facility sharing so that students and faculties of DPCOE are getting benefits. Every department has signed MoU with various industries and institutions related to respective department.

12. Students Achievements:-

Our college SAE SUPRA team secured 7th rank in the India out of 126th teams. Also our student from Final year Automobile Secured 2nd rank in Savitribai Phule Pune University. Two projects groups from final year automobile engineering awarded best project by our college management. The ROBOCON team participates in competition and secured in top 15. Mr. Ismile Dokadia secured 2nd rank in university result in final year Automobile Engineering.

DPCOE hosts the event of Alumni every year i.e. “Reunion”. Alumni are a congregation of former students and faculty. It is an informal gathering of past students so that they can share their experiences with faculty members and students. The alumni meet was by DPCOE on 22/01/2018. This was 4th Alumni meet in the history of college total 200 students was present for the same.

13. Foreign Tours:-

Nil

14. NSS/Sport activities:-

National Service Scheme provides the students an opportunity to understand the community; identify its needs and problems as well as the solutions in which they can be involved by assuming social and civic responsibilities. NSS also provides students with the opportunity to apply their education in finding practical solutions to the problems faced by the individuals and the community at large. NSS aims at arousing social consciousness of the youth with an overall objective of personality development through community service. NSS enables students to participate in various program of social service and national development, and to help the community. SPPU NSS ,IEEE Bombay & Padmashri Vasantdada Patil Technology Was organized 'Innovative idea for Smart village development' Project & Poster Computation 2018. In that DPCOE got 1st Prize for “Smart Village” Project & 3rd Prize For “Water Harvesting ” Poster. DPCOE NSS have organized inter collegiate street ply competition. DPCOE Organize intercollegiate Basket Ball Computation in Collaboration with Savitribai Phule Pune University. Mr.Sagar Birdavade have been selected for SPPU State level cricket team.

15. Career psychological Counseling:-

Career Counseling

DPCOE believes that faculty are not only academic professionals who can help students strengthen their academic achievements but also prepare them for life after college. Career Counseling includes a wide range of professional activities which focus on supporting students in dealing with career-related challenges.

Psychological Counseling

DPCOE also offers psychological counseling to its students. Psychological Counseling aims to help the students manage their difficulties and transform their personal problems into their own personal growths. Other benefits to be gained from psychological counseling include developing creativity, self-expression, and finding

pathways to self- discovery. By exploring past and present experiences, students can open up to new possibilities and take control of their lifestyle.

16. Other Activates[Guest lecture, seminar,Kshitij]:-

DPCOE holds the Annual Social Gathering known as KSHITIJ every year. It is an annual social assembly for exploring the talents of hidden artists among the students. Competitions such as Dance,singing,Rangoli, Mehendi, T-Shirt painting, poster making etc. are also organized. KSHITIJ enjoys active participation from the students. DPCOE organized various faculty development programs, short term training programs and seminars for the faculty and students. The college has started Entrepreneurs Development cell. Through this cell, an Entrepreneurship development program is arranged for final year students every year and many students are becoming Entrepreneurs. The college has organized different skill development programs. For first year students, we have arranged soft skill lectures and DPARDS program. For second year students we have arranged software proficiency courses like CATIA, Pro-e, JAVA, ASP.net, C++ etc. also conducted Tech-Rel soft skill training. For third year students we have arranged hands on practice for dismantling, servicing and assembly of various machines. Also we conducted guest and expert lectures by industrial expert to deliver the lecture on latest technology.

17. Faculty Achievement:-

Our faculty members are taking effort for the improving the performance of students. The faculty members are participating at various international, national and state level workshops, seminar etc. for the improving academic performance.

Consultancy:-

DPCOE is committed to ensure a focused involved of both academia and industry. It recognizes the need to develop systems and procedures to ensure that the industry expectations are met without any compromise on academic aspirations. Academic institutions can help the industrial companies by providing consultancy services which are sought by small-scale entrepreneurs having no access to R&D and quality control facilities. It can be in the form of evaluation of products, processes, software development etc.

DPCOE civil department has done some testing project of Gammon india related to civil engineering and also some post graduation project testing carried out in campus. The department generated revenue almost up to the Rs.1,00,000/-

18. Scholarship:-

Almost 96 students benefited for Kamaltaai Ulhas Dhole Patil Scholarship Scheme

19. Parents Feedback:-

DPCOE conducts regular Parents-faculty Meetings as a means to communicate with the parents. Usually, a very valuable feedback emerges from the parents' side in these fruitful interactions. Parents are especially encouraged to discuss any concerns that

they may have with respect to their ward's academic and overall progress. DPCOE ensures that the parents' suggestions are dealt with effectively, and appropriately, in confidence. DPCOE is extremely prompt and diligent in taking up and implementing suggestions made by the parent body.