

Progressive Education Society's Modern College of Engineering

Approved by AICTE and Affiliated to SPPU

NAAC Accredited "A" Grade

NBA Accredited : UG - Electrical and E & TC, PG-MCA

Awarded as "Best Professional College" in Urban Area by SPPU



DTE CODE : 6139

INFORMATION BROCHURE 2020

| UG Engineering |

| E & TC | Computer | Mechanical |

| Electrical | Information Technology |

| Artificial Intelligence & Data Science |

| Artificial Intelligence & Machine Learning |

| Electronics and Computer Engineering |

| PG Engineering | MBA | MCA |

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• Website : www.moderncoe.edu.in

Celebrating 20 years of Excellence...

VISION & MISSION

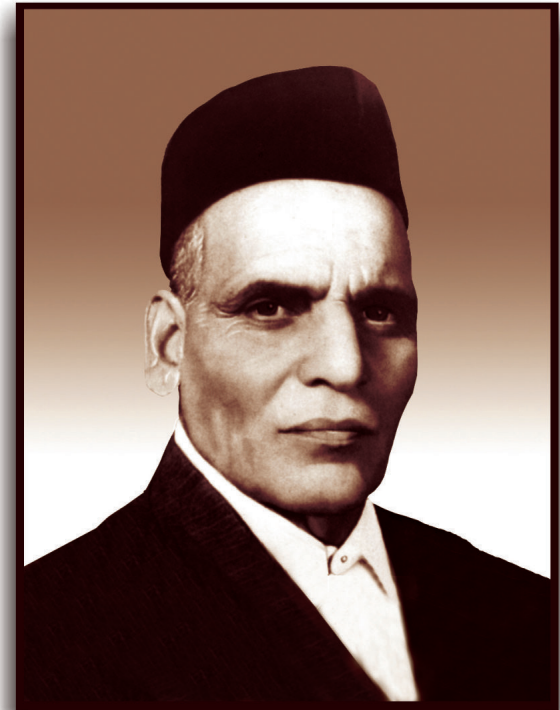
Vision

“To create a collaborative academic environment to foster professional excellence and ethical values”

Mission

- To develop outstanding professionals with high ethical standards capable of creating and managing global enterprises
- To foster innovation and research by providing a stimulating learning environment
- To ensure equitable development of students of all ability levels and backgrounds
- To be responsive to changes in technology, socio-economic and environmental conditions
- To foster and maintain mutually beneficial partnerships with alumni and industry

OUR INSPIRATION



Late Shankarraoji Kanitkar
Founder, Progressive Education Society

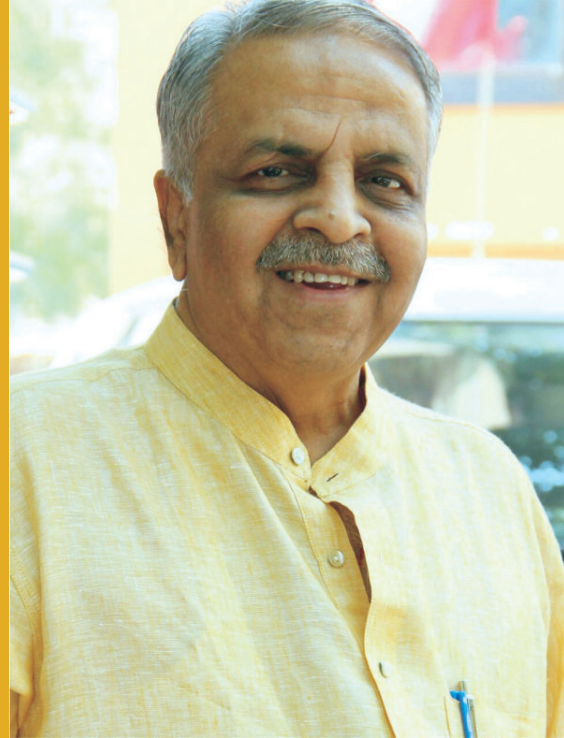
▶ Message from Chairman

Progressive Education Society's Modern College of Engineering is successful in delivering high standard of education along with overall development of the students, thus bringing about a transformation from being academic individuals to responsible citizens.

Shri. Shankarraoji Kanitkar, Founder, Progressive Education Society along with his selfless dedicated team of teachers had a vision of an all-inclusive education. From the time of inception of Progressive Education Society's Modern College of Engineering in the year 1999, we have been successful in making this vision come true in every sphere of education.

Prof. Dr. G. R. Ekbote

Chairman, Business Council,
Progressive Education Society, Pune 5



Message from Principal



Progressive Education Society's Modern College of Engineering has been successful in providing necessary platform for the students to exhibit their skills and talent in every aspect ranging from education, extra-curricular activities, team building and all-round development.

We provide the right ambience for nurturing individuals to become responsible professionals. We take pride in the high standard of academic and well-planned curriculum delivery which ensures a great learning environment. The management support, faculty involvement, administrative efforts and enthusiastic students together work to bring about a positive change in the society and nation at large.

Prof. Dr. (Mrs.) K. R. Joshi

Principal,

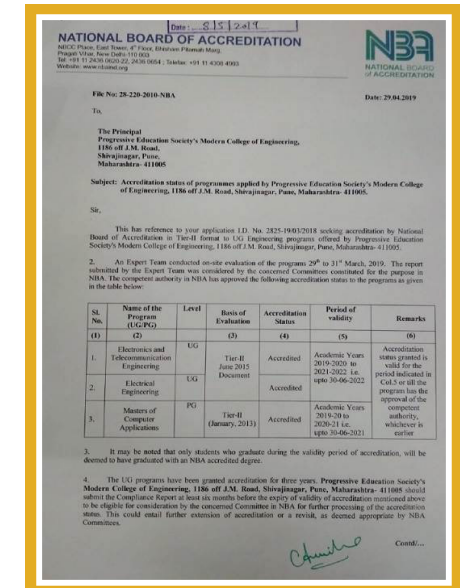
P. E. Society's, Modern College of Engineering, Pune 5

Progressive Education Society's Modern College of Engineering

Progressive Education Society was established in year 1934 in Pune by Late Honorable Shankarraoji Kanitkar, along with his dedicated team of teachers and experts in the field of education known for their highest moral values. The activities of this Society have always been 'Progressive' and 'Modern', inspired by the vision, goal and responsibility towards society. The Honorable Chairman Prof. Dr. G. R. Ekbote always inspires to provide education a real meaning and a new dimension to the Society. At present a total of 64 educational institutes, which include primary schools to post graduate- professional & management institutes, spread in and around Pune city are under the aegis of Progressive Education Society.

Modern College of Engineering was established in the academic year 1999. To impart quality education to students the Institute has collaborations with various industries. The Institute has also selected by Ministry of Human Resource Development (MHRD), Govt. of India for establishment of IIC to systematically foster the culture of Innovation amongst educational Institutions. Students are encouraged for entrepreneurship and creating IPRs. Also a skill development center for SC/ST students is established under AICTE. Career counseling and guidance is provided to the students. The PES Modern College of Engineering has always remained student's focused assisting the students in getting suitable placements by providing training to ensure that every student gets the required skills.

PES's MCOE believes in outcome-based learning. It has achieved outstanding academic results. Our students have achieved top ranks in University, and some have successfully cleared competitive examinations. They have scored well in GRE, TOEFL and have taken admissions for post graduate courses in various reputed Universities / Institutes in India and abroad.





Courses Offered

Program	Intake	Duration (Years)
Under Graduate Courses		
Mechanical Engineering	180	4
Electronics & Telecommunication Engineering	120	4
Computer Engineering	120	4
Electrical Engineering	120	4
Information Technology	120	4
Newly added UG courses commencing from AY 2020-21		
Artificial Intelligence & Data Science	60	4
Artificial Intelligence & Machine Learning	60	4
Electronics & Computer Engineering	60	4
Post Graduate Courses		
Electrical Engineering (Control System)	18	2
Mechanical Engineering (Heat Power)	18	2
E&TC Engineering (Signal Processing)	18	2
Computer Engineering (Computer Engg.)	18	2
M.B.A.	120	2
M.C.A. (Engineering)	120	2
Research Centres		
Electrical Engineering	E & TC Engineering	
Mechanical Engineering	Management	

Campus Facilities

- Centrally located & easily accessible to all transportation modes
- Wi-Fi enabled campus with internet BW of 215 Mbps leased line
- Industry connected labs, Online laboratory, Audio/Visual lab, Computer center and well-equipped laboratories with 1140 Computers.
- Language laboratory for Japanese, German & English
- Well stocked library with 60000 books and e-resources
- Reading Hall with seating capacity of 300 students
- Extra-curricular & Student Clubs Activity Room
- Cafeteria
- Facilities for differently-abled persons
- Career Counseling Cell
- Medical facility for staff and students through the health center
- Multi purpose and well-equipped auditorium with 500 seating capacity
- Separate hostel facilities for Girls and Boys
- Gymkhana
- Playground and Sports Complex
- Separate parking for students and staff
- Green campus initiatives



Library Stack Section



Reading Room



Digital Classroom



Computer Laboratory



Play Ground



Indoor Sports Complex



Auditorium

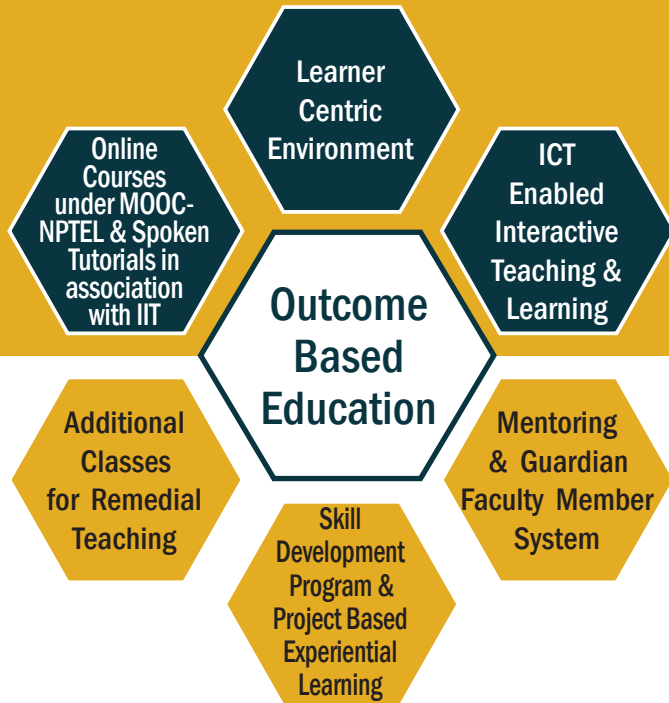


Gymkhana



Cafeteria

Academic Highlights



Academic Awards

- University Rank Holders
- Paper publications in renowned National and International Journals
- State level Quiz competitions
- National level Programming Competitions
- National and International level Project competitions



ICT in Teaching Learning

- Online Teaching Platform : Microsoft Teams, Google Meet.
- G Suite tools for quizzes and surveys.
- Youtube channel for sharing video lectures.
- Faculty website and blogs.
- LMS Moodle, Google Classroom and Canvas.
- Apps for in - class assessment - Kahoot, Mentimeter
- Virtual Labs



Computer Lab



ICT Enabled Seminar Hall



Online Lab

Online Lab

Smart Classroom



Digital Classroom



Computer Lab

Co-Curricular Activities

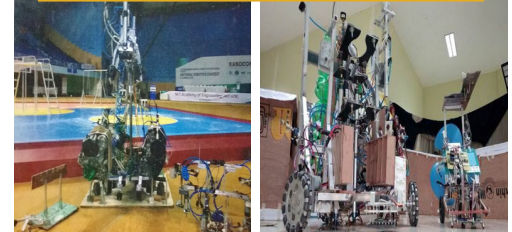
- 16 number of patents and 49 number of copyrights filed through IPR Cell.
- Professional Society activities are conducted under various Student Chapters / Forums / Branches such as SAE, IEEE, CSI, IEI, ISLE, ISTE, IETE, ACM, PMA, ASME and IET for an additional edge.
- Students are encouraged to complete MOOC Courses like Swayam - NPTEL, Spoken Tutorial, Udemy, Coursera, edX.
- Seminars, Workshops, Symposiums, Project Exhibitions, Training and Certification courses are organized for technical skill enhancement.
- e-Yantra lab conducts hands on training. 25 students have successfully completed e-Yantra certification course in Robotics and embedded system
- Active Industry Institute Interaction through guest lectures, industry expert guidance for projects, seminars, workshops, industrial visits, internships, projects and placement.
- Audit courses of SPPU namely Foreign languages (Japanese and German), Human Behavior, Cyber-Crime & Law, Cyber Information & Security are conducted.
- 28 student clubs under categories such as technical, social, arts and life management skills are working to enhance students' personality.

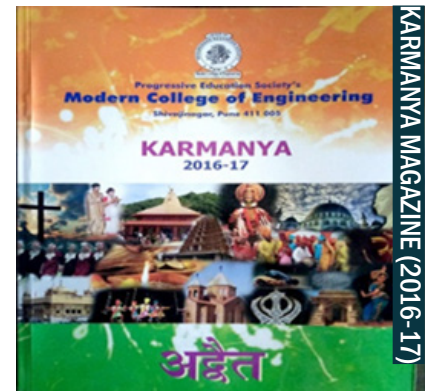
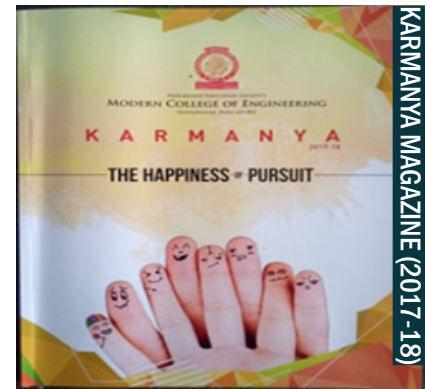
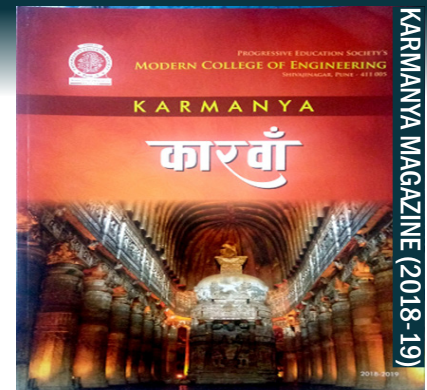


e-Yantra TBT - 2016 All India Rank - 1



Robo developed for Robocon Competition





- Adopted 5 villages under Unnat Bharat Abhiyan (UBA), initiative of MHRD, Govt. of India.
- NSS Team under MHRD, Dept. of Youth Affairs and Sports, New Delhi, Govt. of Maharashtra & SPPU organizes Winter Special Camp in Khamgaon Chhatra on the outskirts of Pune.
- NSS Team Activities-Tree Plantation, Blood donation, Plastic Collection drive, Traffic Awareness drive, River Cleanliness.
- Vidyarthi Vikas Mandal programs- Earn & Learn scheme for needy students, self-defense training program, personality development and women rights awareness programs.
- ISR Cell conducts activities to make students aware about their social responsibilities.



► M-PULSE Techno-Management Event



15th M-Pulse inauguration



M-Pulse ROBO Maze



Inauguration Rally by Students



M-Pulse ROBO Soccer



M-Pulse Tactigo



M-Pulse Trailhunt Event Coordinators



M-Pulse inauguration



► **M-SPORTS**
Inter
Collegiate
Sports Event

Student Achievements

- Winner in Project Competition by NitiAyog under Pune Smart City Hackathon- 2018
- First prize for Best Project in 9th CSI-inApp National Student Project Awards 2020.
- Winner Asia-Pacific region, "Semicolons 2018", Persistent Annual Global Hackathon
- First prize in Honey Well Techgig Platform Women Engineers Coding Challenge.
- First Prize in Neuron 2019: Hackathon on Artificial Intelligence.
- First Prize in Smart India Hackathon 2019 at JSS NOIDA.



First Prize in Smart India Hackathon 2019



Winner Smart India Hakathon 2018



First Prize in CSI-inApp



National GO-KART Championship



BAJA Winning Team



3rd Rank in Auto India Racing Champoinship 2017



SAE BAJA - 2nd Prize -Acceleration Event

- 4th rank in All India SAE BAJA 2018.
- 3rd rank in All India Endurance Race 2017-18.
- 5th rank in All India Business Plan Presentation 2017-18.
- Fastest ATV of SAE BAJA 2017-18.
- 3rd rank in Auto India Racing Championship for Go-kart vehicle.
- TEAM PEGASUS has been selected for the main event of SUPRA, a Formula-1 car racing event.

Student Achievements



Firodiya Karandak 2018



Firodiya Karandak Award 2018



Firodiya 2017



Firodiya Karandak Award 2018



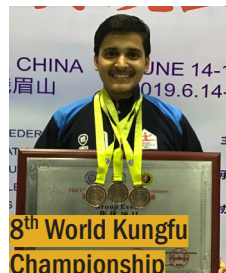
Felicitation of Shiv Chhatrapati Awardee by PE Society



Awards in State level badminton event



Shiv Chhatrapati Award



8th World Kungfu Championship

- Won 3rd position and individual prizes for writing (2nd prize), classical singing (2nd prize), direction (3rd prize), beat boxing (Consolation prize) and group dance (1st prize) in Firodiya Karandak 2019.
- Won 2nd position - Hari Vinayak Karandak in Purushottam 2017-18
- Won Best Male Acting (Keshavrao Date Puraskar) and Female acting (Kakaji Puraskar) in Purushottam Karandak 2017-18
- 3rd prize - Best Director, 2nd prize - Best Writer in Firodiya Karandak 2019
- India's Gold Medal in International Groove Fest 2018, Dubai (Dance Competition)
- Gold Medal, International Pro Box Competition, 2020
- Silver Medal, 5th MOSCOW Wushu Stars Tournament 2019, Moscow, Russia
- Bronze Medal, 5th MOSCOW Wushu Stars Tournament 2019, Moscow, Russia.
- Bronze Medal, 8th World Kungfu Championship, Emeishan City, China.
- Bronze Medal, 8th World Kungfu Championship, Emeishan City, China.
- Shiv Chhatrapati Award
- 2nd Prize in State Level Malakhamb Competition

► Entrepreneurship Development Cell



Vicharghana 2016



Inauguration Ceremony of Pro-start 2017 by Mr. Sanjay Katkar

- The ED Cell has been established to encourage students for self-employment and build their career.
- Since 2018, ED Cell has been actively coordinating Institution's Innovation Council (IIC) and Unnat Bharat Abhiyaan (UBA 2.0), flagship events of MHRD, Government of India. Under Unnat Bharat Abhiyaan (UBA 2.0) 5 villages are adopted in and around Pune. Institute has successfully completed ED Cell Development Program under mentorship of IIT, Kharagpur. Students also participate in activities of Incubation Centre of reputed institutes.
- PRO-START, flagship event aims to promote and upraise ideas of budding engineers towards their start-ups.
- Vicharghana, a lecture series by eminent personalities in various fields.



I-CAN: An ED Cell Activity

Training & Placement



- Tie ups with many prominent companies for placement
- Summer Internships for Industry Training
- 83 MOUs with reputed companies like TCS, Wipro, Zensar, Syntel, UNO MINDA, Bitwise, Harbinger, AMCAT etc.
- Skill development program by SYNTEL/FUEL/TCS for placement
- Entrepreneurship Development Cell (ED Cell) to help students to build their career.
- Strong alumni support as recruiters and trainers
- Fostering technical and managerial skills and competencies by grooming of students.
- Training and Placement Officer has received recognition from many platforms.

Top Recruiters

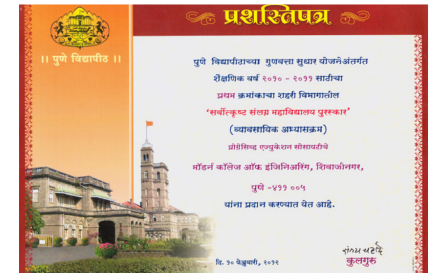
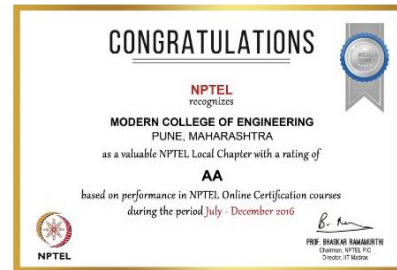
Sr. No.	Name of Company	Salary (in Rs. Lacs)
1	Crowdworks	30.5
2	Jaro Education	12.2
3	Byjus	10
4	Avalara	9
5	Persistent Systems	8.41
6	TCS	7.7
7	Josh Software Pvt. Ltd	7.6

Highest International package	Rs. 30.5 LPA
Highest Domestic Package	Rs. 12.2 LPA
Average Package	Rs. 4.5 LPA
No. of Students placed	500+
No. of Companies	136

Recruitments

Celebrating 20 years of Excellence...

- The Institute has been awarded GOLD rank of AICTE CII for two consecutive years, 2017-18 and 2018-19.
- Institute rated "A" and "AA" by IIT Madras for excellent performance in NPTEL
- e-Yantra Lab Class "A" award in TBT 2016.
- Institute Innovation Council under MHRD, Govt of India
- Skill and Personality Development Centre for (SC/ST) approved by AICTE
- Institute has been awarded with ARIIA (Atal Ranking of Institution on Innovation Achievements), MHRD Govt. of India, Ranking between 26th to 50th among private or self finance institutes engaged in Higher Education
- "Best Woman Principal Award" by Indian Society for Technical Education (ISTE) – Maharashtra-Goa Section in the year 2018.
- "Best Innovative Teacher Award" to Prof. Dr. (Mrs.) K. R. Joshi by SPPU in the year 2019.
- "Best Principal" by Rotary Club Pune in the year 2019.



ADMISSION INFORMATION FOR FE/ MBA/ MCA

- The competent authority, the Director of Technical Education, Maharashtra State (DTE) shall be the authority for Centralized Admission Process (CAP).
- Admission for Institute level seats, Supernumerary Quota (PIO) and vacant seats is carried out in a transparent manner and strictly as per the Inter-Se Merit of the Candidates who have applied to the Institution.
- The institute prepares and displays the Inter-Se merit list of the Candidate, in the Institutional Quota and Supernumerary Quota (PIO), with the vacant seats after CAP, on the notice board and publishes the same on the website of the institute.
- Aspiring candidates fulfilling the eligibility criteria as notified by the Government and specified by the competent authority (DTE), from time to time, shall apply to the Principal for admission at the Institution level.
- Advertisement regarding "Admission" will also appear in newspapers after the CAP final round.
- List of all the admitted students under all the categories along with the merit list is displayed on the notice board.
- Fee Structure as sanctioned by the Shikshan Shulka Samiti, Govt. of Maharashtra & in accordance with provisions of Anti Capitation Act (Prohibition of Capitation Fee Act, 1987)
- Fees refund against cancellation is as per the directives of Govt. of Maharashtra.

ANTI-RAGGING

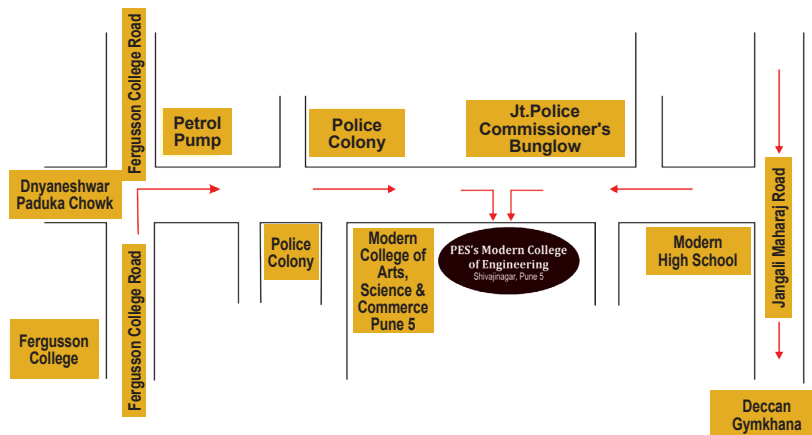
- Ragging is a criminal offence As Per Maharashtra Prohibition of Ragging Act, 1999.
- The All India Council of Technical Education (AICTE) has issued anti-ragging guidelines vide F.No.37-3/Legal/AICTE/2009 for Prevention and Prohibition of Ragging in Technical Institutions, Universities including Deemed to be Universities imparting Technical Education.
- F.No.37-3/Legal/AICTE/2009-In exercise of the powers conferred under Section 23 read with Section 10(b), (g), (p) and (q) of AICTE Act, 1987.
- In view of the directions of the Honourable Supreme Court in SLP No.24295 of 2006 dated 16-05-2007 and in Civil Appeal number 887 of 2009, dated 08-05-2009 to prohibit, prevent and eliminate the scourge of ragging including any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student, or including in rowdy or undisciplined activities by any student or students which causes or is likely to cause annoyance, hardship or psychological harm or to rise fear or apprehension thereof in any fresher or any other student or asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student, in all higher education institutions in the country, and thereby, to provide for the healthy development, physically and psychologically, of all students, AICTE brings forth these regulations.
- The details could be found out at <http://www.aicte-india.org/anti.htm>.
- The students are advised to be aware of anti-ragging measures and report any ragging

incident to college authorities in person or by telephone at earliest. (Contact details are displayed in our college website <http://www.moderncoe.edu.in>). Anti-ragging undertaking is taken from the students at the time of admission on a stamp paper of Rs. 100/-.

OTHERS

- The Institute has a duly constituted Grievance Redressal Committee and an established Redressal Mechanism.
- As per the directives of the Hon. Supreme Court, an Internal complaints Committee is established in the Institute to redress complaints related to sexual harassment
- All fire safety precautions are adhered to in the Institute as per Fire Safety Regulations
- The campus has facilities for differently abled persons
- The use of Cigarettes / tobacco is prohibited on campus and students are made aware of the health hazards
- The facilities in the Institute are adequately provided as per the AICTE norms
- Details of the branch wise Sanctioned intake, Faculty members and Fee structure is made available on the College website along with all the information given above at <https://moderncoe.edu.in/admission.php>

LOCATION MAP



 **Facebook :** www.facebook.com/modern.coe.pune.5

 **Instagram :** [@pesmoderncoe_pune](https://bit.ly/2Btig1E)

 **Twitter :** www.twitter.com/pesmcoepune

INSTITUTES MANAGED BY PROGRESSIVE EDUCATION SOCIETY

■ Modern High School, Pune 5.	(Estd. 1934)	■ Shishu Vidya Mandir & Pandit Jawaharlal Nehru Prathamik	(Estd. 1994)
■ IPrathamik Vidya Mandir, Pune 5	(Estd. 1936)	■ Vidya Mandir, Warje, Pune 29.	
■ Girl's High School, Pune 53.	(Estd. 1946)	■ Pre-Primary & Primary Eng. Med. School Warje, Pune 29.	(Estd. 1996)
■ Modern High School, Pune 5.	(Estd. 1967)	■ Modern Centre for Information Technology & Research, Pune 5.	(Estd. 1997)
■ Shishu Vidya Mandir, Pune 5.	(Estd. 1968)	■ Modern High School, Warje, Pune 29.	(Estd. 1998)
■ Modern College of Arts, Science and Commerce, (Jr. Wing) Pune 5.	(Estd. 1970)	■ Modern College of Pharmacy, Pune 44.	(Estd. 1998)
■ Modern College of Arts, Science and Commerce, (Sr. Wing) Pune 5.	(Estd. 1970)	■ Modern College of Engineering, Pune 5.	(Estd. 1999)
■ Kindergarten & Primary English Medium School, (N.C.L. Campus)	(Estd. 1976)	■ N.C.L. Jr. College of Science & Arts, Pune 8.	(Estd. 2000)
■ N.C.L. Primary School, Pune 8.	(Estd. 1976)	■ Modern Jr. College, Nigdi, Pune 53	(Estd. 2002)
■ N.C.L. Secondary School, Pune 8.	(Estd. 1981)	■ Institute of Management and Career Development, (M.C.A.), Pune 44.	(Estd. 2002)
■ Pre-Primary English Medium School, Pune 5.	(Estd. 1985)	■ Modern Law College Ganeshkhind, Pune 53.	(Estd. 2003)
■ Primary English Medium School, Pune 5.	(Estd. 1987)	■ Modern College of Special Education, Pune 5.	(Estd. 2004)
■ Modern High School (English Medium), Shivajinagar, Pune 5.	(Estd. 1993)	■ Modern College of Pharmacy for Women, Moshi, Dist. Pune.	(Estd. 2004)
■ Shishu Vidya Mandir, Nigadi, Pune 44.	(Estd. 1986)	■ Modern College of Education for Ladies, Pune 5.	(Estd. 2006)
■ Prathamik Vidya Mandir, Nigadi, Pune 44.	(Estd. 1986)	■ Modern College of Physiotherapy, Pune 5.	(Estd. 2007)
■ Modern Centre For Career Guidance, Pune 5.	(Estd. 1989)	■ Modern College of Computer and Business Studies, Pune 5.	(Estd. 2007)
■ Shishu and Prathamik Vidya Mandir, Ganeshkhind, Pune 16.	(Estd. 1990)	■ Modern College of Agriculture Biotechnology, Kule - Dakhane, Paud.	(Estd. 2009)
■ Modern High School & Jr. College, Bhose (Tal. Khed, Dist. Pune)	(Estd. 1991)	■ Modern College of Commerce and Computer Studies, Nigdi, Pune 44.	(Estd. 2010)
■ Pre-Primary & Primary English Medium, School, Nigdi, Pune 44.	(Estd. 1991)	■ Modern Institute of Business Management, Shivajinagar, Pune 5.	(Estd. 2010)
■ Modern High School, (English Medium), Nigadi, Pune 44.	(Estd. 1991)	■ Modern High School English Medium, Warje, Pune 58	(Estd. 2010)
■ Institute of Management and Career Development (MBA), Pune 44.	(Estd. 1991)	■ Modern High School (English Medium) & Jr. College, Pashan, Pune 8	
■ Modern College of Arts, Science & Commerce, Pune 53.	(Estd. 1992)	■ Modern College of Arts, Science & Commerce, Warje, Pune 58	(Estd. 2019)
■ Modern English Medium School, Pune 5.	(Estd. 1993)		

Progressive Education Society's

Modern College of Engineering

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