Information Brochure 2021-22
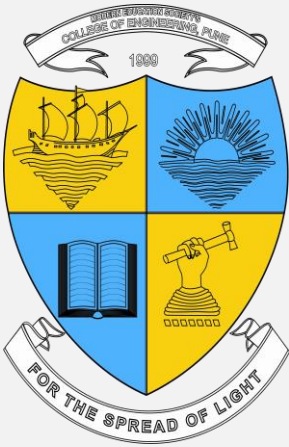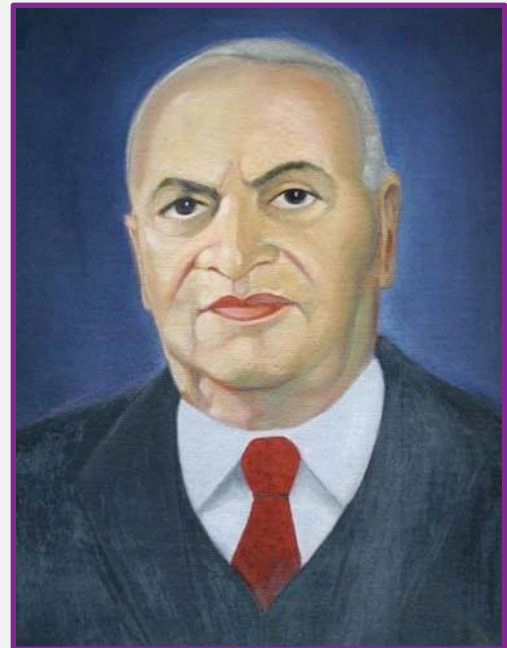
Modern Education Society's
COLLEGE OF ENGINEERING
(Estt. 1999)
Wadia College Campus,
19, Late Prin. V. K. Joag Path, Pune - 411 001.
Phone No. : 020 - 2616 3831
Website : www.mescoepune.org

Late Prin. V. K. Joag
(1888-1963)
Founder Life-Member & Secretary
Modern Education Society, Pune

[Accredited by NAAC with "A" Grade (CGPA-3.13)]
[Program Mechanical, E&T/c and Computer Engineering Accredited by NBA for 3 years]

Our parent body, Modern Education Society, Pune, founded in 1932 by Late Principal, V. K. Joag manages following Colleges in the Faculties of Arts, Science, Commerce, Law, Engineering and Management in the cities of Pune and Mumbai :

1. The Nowrosjee Wadia College of Arts and Science, Pune. (Estd.–1932)
2. The Cusrow Wadia Institute of Technology, Pune. (Estd.–1938)
3. The D. G. Ruparel College of Arts, Science and Commerce, Mumbai.(Estd.–1952)
4. The New Law College, Mumbai. (Estd.–1954)
5. The Ness Wadia College of Commerce, Pune. (Estd.–1969)
6. The Neville Wadia Institute of Management Studies & Research, Pune. (Estd.–1992)
7. MES College of Engineering, Pune. (Estd.–1999)

The institute is situated in the heart of Pune city at prime location in the Wadia College Campus. The Society has adequate hostels for boys and girls. An extensive area about two hectares is used as playground and a Gymkhana Pavilion built there on is used as a stadium and houses a gymnasium. An open-air stadium borders one side of the playground.

Additional new buildings have come up to cater the needs of residents of hostel. The new Boy's and Girl's Hostel Block is constructed to increase accommodation capacity.

VISION

To groom Motivated, Environment friendly, Self-esteemed, Creative and Oriented Engineers.

MISSION

To Develop Industry Oriented Manpower to accept the challenges of Globalization by,
- Promoting value education through motivated trained faculty,
- Maintaining conducive environment for education at affordable cost,
- Promoting Industry-Institute interaction,
- Involving alumni.

GOALS AND OBJECTIVES

- To ensure all-round development of students by providing co-curricular, extra-curricular and entrepreneurship skills.
- To imbibe research culture in students and faculty by providing state-of-the-art research facilities and Industry Institute interaction.
- To inculcate moral integrity in students and make them socially responsible, good human beings.
- To develop leadership qualities and the ability to work as a team among students by encouraging participation in various activities.

Modern Education Society was established in 1932, with a motto "FOR THE SPREAD OF LIGHT". The Modern Education Society's College of Engineering, Pune (MESCOE), was established in 1999. The Engineering Degree Courses run by the institute, approved by the All India Council for Technical Education (AICTE), New Delhi, sanctioned by Government of Maharashtra and affiliated to Savitribai Phule Pune University :

Under Graduate Programs :

Sr. No.	Course	Branch code	Intake
1.	Computer Engineering	628124510	180
2.	Electronics and Telecommunication Engineering	628137210	120
3.	Mechanical Engineering	628161210	120

Post Graduate Programs :

Sr. No.	Course	Branch code	Intake
1.	Computer Engineering (Computer Engineering)	628124510	24
2.	Electronics and Telecommunication Engineering (Signal Processing)	628135810	12
3.	Mechanical Engineering (Design Engineering)	628190410	24

We make learning not just an interaction between staff and students but an experience of lifetime, bubbling innovations, true internal quest, deep exploration.

First Year Engineering Department

The fundamental subjects of Engineering are Physics, Chemistry & Mathematics. The laboratories of Physics and Chemistry are well equipped to cater to the students' knowledge in basic sciences with orientation towards engineering concepts. The Department offers academic advising, tutoring in all subjects and mentoring in order to facilitate success during first year. It motivates the students for higher studies by imparting fundamental facets of Physics, Chemistry, Mathematics and other subjects. Students admitted after 12 Standard (Science) are groomed as budding engineers. Their strengths and weaknesses are identified to make them aware of future needs in engineering profession. Every Year First Year Engineering Department organizes orientation program to make students aware of college campus, staff, laboratories and other facilities available in the institute. Through this event good rapport is established between faculties, students and their parents. The Department is proud to have a highly qualified, dynamic and technologically sound faculty. In First Year Engineering Department seven faculty Members are PhD in various disciplines. Four members are pursuing their Ph.D. in various research fields such as Physics, Mathematics, Electrical & Civil Engineering.

The department has advanced and well equipped Laboratories as :

- Chemistry Laboratory
- Mechanics Laboratory
- Physics Laboratory
- Basic Electrical Laboratory

Workshop Department

Students are trained for computing, modeling skills and experiencing the shop floor environment to meet the recent needs of industries. Central workshop provides facilities to develop the basic skills of students in handling the tools, understanding manufacturing process with conventional, CNC machines and automation. Students put into practice, their creativity and innovative ideas are transformed in the form of projects and model development. The final year students use the workshop facilities for their project works. College management regularly organizes workshops & training session for workshop staff to improve communications skill and enhance their knowledge.

Department Of Computer Engineering

The Department of Computer Engineering, since its establishment, is actively working towards the enrichment of knowledge in the field of Computer and Information Technology. The department is an exciting place to study and grow where thinkers become leaders and where there is thirst for knowledge. The interaction between students and professors in the department greatly enriches the educational experience for all. The department has 11 computer laboratories, all of which are well equipped with the latest equipment such as computers, printers and scanners. It also has a state-of-the-art seminar hall with a seating capacity of more than 150. The department has a super computer, "PARAM SHAVAK" for research in the area of High-Performance Computing in association with CDAC. The department has experienced and well qualified faculty. The faculty members are experts in the areas they teach. Not only do they provide a solid ground in the academic theories and concepts of their specialty, they provide the students with the right balance of theory and practice. We emphasize teamwork to give opportunity to each student to benefit from the ideas and intelligence of their classmates. The department has association with professional bodies like CSI and ISTE in the form of Student's and Institution Chapter. ICT-DXC Women Empowerment Center has been established in the department recently under programing laboratory in association with ICT. We offer students the opportunity to upgrade their knowledge and earn certification in association with IITB Spoken Tutorial and Coursera. Students are motivated to participate in Smart India Hackathon. They have performed very well in SIH consistently for the last two years. Students are encouraged to go in for internships to upgrade their technical knowledge and get accustomed to the corporate working environment.

Laboratory Facilities

The department has well equipped laboratories to cater to the needs of its students. All the laboratories are equipped with computes having the latest configuration.
- Basic Computing Lab.
- Software Lab
- Computer Networking Lab
- Programming Lab
- Software Engineering Lab
- Operating System - Linux Lab
- Language / Communication Skills Lab
- Microprocessor & Computer Hardware Lab
- Project Lab
- PG Lab
- High Performance Computing Laboratory (Center of Excellence)
- Server Room +Computing Center

Student Initiatives

In order to impart holistic development of the students, the Department conducts a number of co-curricular and personality development activities for the students.

- The Department has established the Association of Computer Engineers (ACE), a platform for the students to apply their knowledge and interact with the outside world. Throughout the year ACE conducts various intra and inter-college events that help students to develop their competitive spirit and management qualities.
- Along with technical skills, in order to promote the holistic development of the students "ASTITVA" a student initiative runs a wall magazine. It is actively involved in spreading social awareness among students.
- CSI student chapter is formed to conduct various workshops for upgrading technical skills.
- There are multiple Technical and non-technical Clubs to conduct various activities to uplift students' confidence, communication and technical skills.
- To upgrade domain knowledge, each student is encouraged to take on value addition courses, such as Java, Advanced Java, R Programming and many more offered by IITB Spoken tutorial.
- The department offers each student the opportunity to complete one course offered by COURSERA each academic year, to help them upgrade their knowledge and benefit them in their professional life.

Departmental Activities

- The Department conducts two days National Level Conference on "Recent Advances in Computer Engineering (RACE), each year, to help students contribute towards research in various domains related to Computer Engineering. The National Level Conference on Recent Advances in Computer Engineering is a premier forum for presentation of new advances and research results in the field of Computer Engineering.
- Faculty members of the Department present/publish technical papers at national and international conferences and journals and constantly try to upgrade their knowledge by attending various workshops and seminars.
- The Department publishes a half yearly newsletter named "Reflection", which reflects upon the various activities and achievements of the students and staff of the department.
- 06 staff members have successfully completed PhD and 5 are currently pursuing Ph.D. in the areas of Image Processing, Speech Recognition, Network Security and Cloud Computing, Distributed Computing etc.
- The Department promotes active industry-institute collaboration by identifying areas of interest and taking part in sponsored research projects and conducting guest lectures and workshops. A number of MoUs have been signed with esteemed organizations under the Industry-Institute Interaction.

- Our Alumni remain in constant touch with us and are contributing in the development of the Department.
- Economically backward class students will be trained under ICT-DXC Woman empowerment program. More than 90 girl students have registered under the scheme to take benefit for various activities conducted by ICT.

MoU's Signed

To strengthen industry-institute interaction, the department has signed MoUs with various well known industries in the IT sector. This helps the students and faculty to interact with experts from the industry and to understand the requirements of the industry from educational institutions. Six MoUs have been signed for students & faculty training, technology transfer & mutual benefits.

- TechNex Technologies Pvt.Ltd
- JALTAP
- Sapours Technology Pvt. Ltd.
- STACKZEAL Pvt Ltd.
- Samarth Udyog Technology Forum (SUTF)
- Cyber Securist Technologies Pvt Ltd
- Softy inc. Swargate,Pune
- ELINTEX TECHNOLOGIES LLP (Nirmiee.io)
- SOLable India

Department of Electronics & Telecommunication Engineering

The Department of Electronics and telecommunication since establishment emerged as a leading source for providing up-to-date knowledge and technical developments in the field of Electronics and Telecommunication Engineering. The department offers four-year undergraduate Bachelor of Engineering (B.E.) with intake capacity of 120- & two-year Post Graduate (M.E.) Programme in Signal processing with intake capacity of 12 students. The department has technically rich and experienced faculty providing sound foundation of knowledge in electronics and related areas. The department has 19 dedicated faculty members including seven doctorate and 10 pursuing their PhD degree. State of the art computational end experimental facilities enable the department to undertake basic and applied research and provide support to R&D organizations. Department offers sponsorship for BE inhouse projects. Various multidisciplinary activities and programs are conducted for uplifting students continuously throughout the year. The department organizes several FDPs and workshops for technical upgradation of faculties. The graduating students are well laced in leading academic institutes, research organizations and industries. The department has developed a strong bond with alumni and promotes good relations with the industry in various fields of engineering. Department supporting technical staffs are also promoted for further studies & technical training to enhance their skills.

Laboratory Facilities

Creative thinking and experience integrated design of the systems, open ended experiments, mini projects and course projects are introduced in the curriculum so as to enable the students to learn problem solving skills. The department has well equipped following basic and advanced laboratories considering the demands of the industries.

- Basic Electronics Lab
- Signal Processing Laboratory
- Circuit Simulation & Modeling Laboratory
- VLSI Design & Software Development Laboratory
- Digital Electronics Laboratory
- Project & Design Development Laboratory
- Electronic Measurement & Advanced Equipment Laboratory
- Digital & Analog Communication Laboratory
- Microwave & Optical Communication Laboratory
- Embedded Laboratory
- Mechatronics Laboratory
- Centre of Excellence (Amitec Lab)
- PG Laboratory

Students Initiatives

- The Department has established Students association " E T S A " (E l e c t r o n i c s & Telecommunication Engineering Students' Association) provides platform for students to apply their knowledge and develop their skills. Under this association various activities are organized comprising of various technical competitions like Walk through the gates, Knowelex, Technical Quiz, Ohm-factor and workshop on mobile assembling etc.
- ·In addition to technical events, various social issues are explored by "Astitva" organization of students. This includes Teachers Day, Engineers Day, Women's Day. "Astitva" The Wall Magazine is the platform for the students to display their technical and extracurricular skills.
- The "Roboclub" offers opportunities to the students to develop technical skills and also to showcase their technical talents through seminars, workshops and exciting competitions such as ROBOTRYST and TECHKRIT held at IIT, Kanpur.

Departmental Activities

- The Department has student and faculty professional society chapters like IETE, ISTE Student Forum and conducts many technical talks, guest lectures, seminars, quiz and competitions.
- The Department is having modernized laboratories with state of art infrastructure as per AICTE norms.
- The department has Center of Excellence in the field of Software Define Radio in collaboration with Amitech India Pvt. Ltd.
- Every year department organizes Two days National Conference on Advancements in Communication, Computing and Electronics Technology [ACCET] and publish good numbers of research publications in peer reviewed journals by staff and students.
- Department publishes newsletter after completion of each semester.
- Currently 10 staff members are pursuing Ph.D. and 7 staff members have successfully completed PhD.
- Good liaison with industry and total twelve MoU's with reputed industries like C-DAC, Mitsubishi Electric India Ltd., etc.
- Industrial visits regularly arranged to GMRT, Police wireless, Hydroelectric Power plant, BSNL, Core industries for exposure to state of the art technologies.
- Department offers Artificial Intelligence and Machine Leaning, Data Science, Internet of Things (IoT) Honours Courses for students.
- Department is a premium member with ICT Academy. In association with ICT academy we have collaborations with Oracle academy, Palo academy, Salesforce, Delemc, Cisco networking Academy, DXE Technology)

MoUs Signed :

Under Industry Institute interaction, the E&TC department has signed MOUs with different companies. To transfer technology and for the mutual benefit to students and faculty.

- ICT Academy
- IoT CoE
- R.S. Network
- Mitsubishi Electric India Ltd.
- Sphier Unified Solutions Pvt Ltd, Pune
- Amitech electronics Pvt Ltd
- Pro-active IT services Pvt Ltd
- CDAC
- Graceful Growth
- Edgate Technologies & Texas Instruments
- Pearson VUE Authorised Centre Credit Agreement
- Trident Techlabs Pvt. Ltd.

Department of Mechanical Engineering

Mechanical Engineering is the core branch of Engineering and Technology, which plays an important role in the industrial growth of the nation. The department offers four year undergraduate Bachelor of Engineering (B.E.) with intake capacity of 120 & two year Post Graduate (M.E.) Programme in Mechanical Design Engineering with intake capacity of 24 students. The department has well equipped laboratories and infrastructure to support UG and PG students. Besides high-quality teaching, practical knowledge of students is enhanced through Expert Lectures by eminent persons from Industry. The Department has created flexible and innovative learning opportunities for students enabling them to enhance theoretical and professional skills. Faculty members regularly contribute for publications of Text Books and work on Research Projects funded by BCUD, Savitribai Phule Pune University, DST New Delhi. Faculty Members publish their research papers in National and International Journals and Conferences regularly. Numbers of faculty members are working as resource person. The department has set ground zero between faculties and students that facilitate teaching learning process effectively. The Department has been pioneering many quint-essential activities leading to the development of the college. Faculty members in the Department endeavor hard to upgrade themselves to be in tune with present trends in world class technology. The Department encourages the staff to attend various workshops and seminars in and out of country. Recently department sign MoU with C4i4 for Industry 4.0 with facility to conduct training on Industry 4.0.   Department regularly organizes National Conference RDME in association with various publishing organization. The Department has a strong Alumni Association that acts as bridge between the final year students and outside global industries. The Department has following well equipped laboratories with state of art equipments and software's. Seven faculty members of Mechanical Engineering have completed their Ph.D. and nine faculties are pursuing.

Laboratory Facilities:

- BAKER MESCOE Metrology Laboratory
- Metrology Laboratory
- CAD/CAM and Automation Laboratory
- CAD/CAM (PG) Laboratory
- Theory of Machines / Dynamics of Machinery Laboratory
- Applied Thermodynamics Lab Refrigeration and Air Conditioning Laboratory
- Heat Transfer Laboratory
- Metallurgy Laboratory
- Industrial Fluid Power Lab
- Fluid Mechanics Laboratory
- Fluid Machinery Laboratory
- Strength of Materials Laboratory

- Drawing Hall
- Internal Combustion Engines Lab
- Industrial Tribology Laboratory
- Kuka Robotics
- Advanced Manufacturing Laboratory
- CAD/CAM laboratory with Workstations
- Composite 3D printing facilities
- Industrial 6 DoF KUKA robot

MoUs Signed

Mechanical Engineering Department has signed nine MoUs with various companies for students & faculty training, campus placement, Industrial visits, technology transfer & mutual benefits.

- Spoken Tutorial IIT Bombay
- Centre of Industry 4.0 (c4i4)
- Simulation Lab
- ARK Info-solution Pvt. Ltd
- Mechatol Engineering Solutions
- IFS Academy, Pune
- ZEST Engineering Services and Technology
- cBalance solutions pvt. Pune
- kWatt Solution Pvt. Ltd, Mumbai
- NI Systems (India) Pvt. Ltd.
- Baker Gauges India Pvt. Ltd. Pune

Academically students of the department have consistently performed well as reflected from the University Examination Results. The activity plan of the department is displayed before commencement of each semester. Additionally, the department encourages students to participate in National and International technical events like Techfest (IIT Bombay), Robo Con, BAJA by SAE India, etc with financial assistance and infrastructural facilities. Some of the students project work gets published in National and International Journals and magazines. The Leadership and team building qualities, environmental perception of our students are nurtured through membership and participation in various events organized by MESA, eBAJA & mBaja of SAE India etc. Many of our alumni have pursued higher education in institutions around the world and are placed in premier organizations worldwide. Department provide online software support viz. MATLAB, AutoDesk Fusion, Inventor, etc software platforms, which enables us to conduct practical's online and work from home.

RECEIVING SALES PRESENTATION AWARD BAJA SAEINDIA 2020

Training & Placement Cell

The office is well equipped with excellent infrastructure to support all the stages of placement process viz. pre-placement talk, written test, group discussion and personal interviews.

The placement cell imparts training to the students to develop their overall personality enabling them to face the Campus Interviews in this competitive era. The thrust of the Placement Cell is to create maximum job opportunities for the students in the market by establishing good relationship with the Industry.

Training and placement Cell regularly arranges training programmes on Soft Skill land Aptitude Test for Third Year Engineering and Final Year students. These programmes help students while appearing for the campus interviews. The interview papers of the previous years are discussed with the students as a part of preparation of interview. T&P Cell regularly organizes training workshops & campus drive in college campus in association with industry.

Achievements of T & P Cell

- Highest package offered in campus is 32 lakhs per annum
- 700+ offers in last three years
- Entrepreneurship training
- Employability test and analysis for industry preparedness
- Awareness and campus recruitment training program

Data Placement Activity-AY 2020-21 (Till 31st May 2021)				
Eligible Students as per Defined Criterion				
Criteria	Computer	E&TC	Mechanical	Grand Total
Eligible Greater than 60%	134	22	58	214
Placement during Campus Drive				
Criteria	Computer	E&TC	Mechanical	Grand Total
Companies Visited	87	50	21	158
No. of Offers	228	21	30	279

Following reputed companies visited the college for Campus Recruitment during the last academic year 2020-21.

A
Alepo
Allerin
Allianz
Amazon Web Services
Aptean
Aptify
ATOS – Syntel
B
Bitwise
Black Hawk
Bridgestone
BYJU
C
Cachebox
Capgemini
Cummins
Cybernatics
D
Dana India
Demand share
Dias park
Dimentrix
Directrix
E
E gain
Eleation
Ellicium solution
Emtec
Enzigma
EPAM
Equilibrium Solutions
Eternus solution
Exadatum
Excellon
Exusia
E-Zest
F

FACE
Faurecia
Fiserv
Flextronics
Forebes Marshall
G
GS lab

H
Harbinger
HCL
Helical Auto
Hettich
Hexaware
HP
HSBC Software
I
IBM
Imagination Technology
IMRB Kantar
Infosys
Inteliment
K
Kothari Wheels
KPIT
KSB Pumps
KTR Coupling
Kuka Robotics
L
L&T Infotech
L&T Technology Services
M
Mahindra & Mahindra
Mahindra Vehicles
MAQ software
Media ocean
MNGL
Mphasis
N
NITOR Infotech
NTT Data
NVIDIA
O
Omniscient
Outside network
P
Partian Technology
Persistent Technologies
POEL
Polycab Wires
Prototech
Q
Quickheal
Quinnox

R
Raja Software
Reflexis
Reliance JIO
Rudder analytics
S
Sanmar Group
Siemens
SKF India
SR Tech Labs
Sungard
Symantec
Syntel
T
Tata Communication
Tavisca
TCS
Tech Mahindra
Thermax
Thoughtworks
TIBCO
TMF group
Tripstack
T-systems
U
Unison Valves
V
Virtusa
VM Ware
Vodafone
Volkswagen
W
Webonise lab
Wipro Technologies
Wirtgen India
X
XL Dynamics
Xoriant
Z

Zensar
ZF India Pvt. Ltd.
ZS Associates

Central Library

The college library is the centre for students to carry out their scholastic activities. It helps them to get knowledge from different sources such as text books, reference books, magazines, E-journals and modern E-learning resources. Salient feature are:

- More than -39558 books & 8341 titles
- Print National Journals-42, International Journals-18, Magazines-17
- IEEE, ASP, POP - More than 1443
- Science Direct (Elsevier) - 275 Journals
- ASME (American Society of Mechanical Engineers)- 33 Journals
- ASME e-books (75 handbook in Mechanical Engineering)
- General E-Books - 310
- E-Learning Resources CD's - 58
- Research Books - 79
- B. I. Standards - 13
- NPTEL Video Lectures – More than 18030

Features

- Automated Library
- Open Access
- Digital Library
- Reprographic Facility
- On line Public Access Catalogue Facility (OPAC)
- Spacious Reading Hall
- Membership and Collaboration with British Council Library Pune, ARAI Pune, Savitribai Phule Pune University and College of Engineering, Pune.

Book Bank Facility

Book Bank is the facility given to SE, TE & BE students who demands for it. InBookBanksetofbookscoveringsyllabusofeachsubjectofeverysemester is provided by the library at 25 % of the total cost of books. The amount is refunded back to those students who get 60 % and above marks in both the semester.

- Under this scheme a set of books covering all subject for every semester is given to SC, ST students free of cost sponsored by Govt of Maharashtra.
- Library Timings 07.50 am to 07.50 pm (Regular Period) (During Examination Period) 07.50 am to 07.50 pm
- Reading Room Timings 07.50 am to 07.50 pm (Regular Period) 24 x 7(During Examination Period)

Alumni Association

MESCOE Alumni Association is established to provide a common platform for all MESCOE passed out students since 2003. It serves as bridge between the alumni and the present students at the college. It helps to establish and maintain work of technically skilled individuals, whose as a productive resource, in the spirit of mutual contribution and benefits for the students and Alumni. It also aims to foster an environment that enables philanthropic and entrepreneurial activities amongst its members. Alumni meet is organized once in a year for them to share their views, feedbacks, suggestions and interaction with current students and staff.

Gymkhana and Sports

The games and sport are integral part of education. Participation in games at the end of the day's hard work will bring back our lost energy, bestow upon us relaxation and banish our boredom. The college provides sufficient time and facilities for sports and gymnasium. It fosters a spirit of team building and bonding between the trainees besides enabling them to learn the importance of the work and relaxation balance in life and career.

Sports, Extra and Co-Curricular Activity

- The main objective of physical education department is to promote sport activities in the college, develop excellence by upgrading the skills of the student and it has taken strenuous efforts in talent scouting and training of selected individuals. College students have participated in Savitribai Phule Pune University inter collegiate competitions, interclass competitions in various sports such as football, cricket, chess, carrom, badminton, table-tennis is basketball, etc.
- For the welfare of student and staff members the department had arranged yoga obicssession in college during last year.
  Facilities Indoor sports facilities are available for Table Tennis, Chess, Carrom and Outdoor sports facilities are available for Cricket, Basket Ball, Volleyball, Hockey, Hand Ball, 300meter Running Track.
- College organizes annual social gathering JHANKAAR which includes various cultural activities like debate competition, Mr. & Mrs. MESCOE Competition etc.

Administrative Department

Office Hours

The college office shall normally be open from Monday to Friday between 9.00 am to 5.00 pm. All transactions take place between 10.00am to 01.00 pm. The office will remain closed on Saturdays, Sundays and public holidays.

Holidays

The College shall remain closed, on Sundays and public holidays as declared by the Savitribai Phule Pune University and on the days declared as holidays by the Principal from time to time. Details of Holidays will be published on college website and other Notice Board.

Admission Procedure

Procedure of admission to First Year Engineering, Direct Second Year Engineering and First Year Post Graduate Courses is carried out as per the guidelines of Director of Technical Education, M.S. Mumbai. Cancellation of admission and refund of fees are made as per the guidelines of Director of Technical Education, M. S., Mumbai and AICTE, New Delhi. No correspondence will be made with the candidate regarding admission. It is the sole responsibility of candidate to see the notices on the notice board of the college regarding Admission, Examination, Term Work, Scholarship etc.

Affidavit of Anti Ragging

The Govt. of India / AICTE / Savitribai Phule Pune University has made it mandatory to all the students to submit the hard copy of Affidavit filled online giving undertaking. Students should visit the Website of MHRD www.antiragging.in or www.amanmovement.org and fill in undertaking. They shouldtakeprintofthesameandsubmititalongwithAdmissionForm.Sample Form of Undertaking is available on the college website, notice board and in Computer Center.

Fee structure for the year 2020-21

The final fee approved by Fees Regulating Authority (FRA), M.S., Mumbai for the year 2021-22 is Rs. 1,07,000/- for UG courses and Rs.1,14,000/- for PG courses.

Government of India Post Matric Scholarship / Free Ship for Backward Class Category Students : A) Eligibility Criteria for GOI Post Matric Scholarship: 1. Students belonging to SC and ST category having Gross Annual Income of parent is or less than Rs. 2,00,000/- are eligible to apply for this Scholarship. They will be required to submit Gross Annual Income Certificate of parent issued by Tehsildaror FormNo.16issuedbytheEmployer. 2. Students belonging to OBC, SBC, VJ, NT category whose parents Gross Annual Income is less than or equal toRs.1,00,000/-are eligible to apply for this Scholarship. They will be

required to submit Gross Annual Income Certificate of parent issued by Tehsildar or FormNo.16issued by the Employer.

A) Eligibility Criteria for GOI Post Matric Scholarship:

1. Students belonging to SC and ST category having Gross Annual Income of parent is or less than Rs. 2,00,000/- are eligible to apply for this Scholarship. They will be required to submit Gross Annual Income Certificate of parent issued by Tehsildar or FormNo.16issued by the Employer.

2. Students belonging to OBC, SBC, VJ, NT category whose parents Gross Annual Income is less than or equal to Rs.1,00,000/-are eligible to apply for this Scholarship. They will be required to submit Gross Annual Income Certificate of parent issued by Tehsildar or Form No.16 issued by the Employer.

B) Eligibility Criteria for GOI Post Matric Freeship

1. Students belonging to SC and ST category whose Gross Annual Income of parent is Rs. 2,00,001/- and above are eligible to apply for this Freeship. They will be required to submit Gross Annual Income Certificate of parent issued by TahsildarorFormNo.16issuedbyEmployer.

2. Students belonging to OBC, SBC, VJ, NT category whose Gross Annual Income of parent is more than Rs. 1,00,001/- and less than Rs. 8,00,000/- are eligible to apply for this Free Ship. Students will be required to submit Gross Annual Income Certificate of parent issued by Tahsildar or Form No. 16 issued by Employer.

C) Eligible SC/ST/SBC/OBC/VJ/NT Category students will be exempted from paying Tuition Fees subject to condition that:

a) Students should bring following original documents at the time of admission and he should submit undertaking regarding filling up online Scholarship/Freeship form.

1. Allotment Letter

2. Income Certificate or Form No.16o f F.Y.2020-21

3. Caste Certificate

4. Caste Validity Certificate-mandatory

5.Non-Creamy Layer Certificate (For NT/OBC/SBC category students) valid upto 31/3/2021

6.HSC Leaving Certificate

7. SSC and HSC Examination Marksheets

8.Admission Fee Receipt of Current Year: 2021-22

9. Gap Certificate (if applicable)

10. Aadhar Card

11. Bank A/c passbook photocopy

12.Aadhar Seeding Form

13.Indemnity Bond

14.Ration Card Xerox

b) Student should fill in online application Form and printout of the same is submitted in the Scholarship Section along with documents mentioned above. The Website for filling up online Application Form for SC/SBC/OBC/VJ/NT Category students is

https://mahaeschol.maharashtra.gov.in and for ST Category is https://etribal.maharashtra.gov.in.

c) The Social Justice and special Assistance Department, Government of Maharashtra approves the concession and the Fees are reimbursed before the end of the year. In case the Fees are withheld or not sent to the College by Social Welfare Office, Pune, students will have to pay full fees in the Second Term.

Students are advised to refer notices pertaining to Scholarships / Free ships displayed regularly on the notice board from time to time. A detailed schedule for submission of duly filled in application forms, with proper Documents will be displayed on the notice board.

Government of Maharashtra Scholarship for the Minority Communities Students pursuing Technical and Professional Education after H.S.C.

Minorities Development Department, Government of Maharashtra is offering the Scholarship for students pursuing Professional and Technical Education / all Courses after H.S.C. belonging Muslim, Sikh, Buddhist, Christian, Parsi and Jain minority communities. Applications are invited through Online Application System for Fresh Scholarship / Renewal of Scholarship from all eligible students

Eligibility:

1. Applicant should be Domicile of Maharashtra State and passed S.S.C from Maharashtra

2. Applicant should not avail any other scholarship/stipend.

3. The total annual income of family/ guardian should not be more than 2.55 lakhs.

4. For renewal, applicant must have be admitted to the next year.

5. 30%seatsarereservedforgirlstudents.

Documents to be attached along with the application form for Fresh Minority Scholarship:

1. One signed copy of Passport Size photograph with signature to be pasted on Application Form.

2. Attested Certificates of Educational Qualification (S.S.C. on wards).

3. Income and Minority declaration-Affidavit on Non-Judicial Stamp Paper of minimumofRs.10/-or Income Certificate from the Employer. (School leaving Certificate canal so be considered as proof of Minority).

4. Proof of Permanent Residence-Attested copy of Domicile Certificate/

5. Ration Card/Electricity Bill/Telephone Bill/Passport/Election Card 6. Advance Receipt of Payment.

Documents to be attached along with the application form for Renewal of Minority Scholarship:

1. Income declaration

2. Mark Sheet of previous examination passed

Procedure for Submission of Application Form:

The eligible aspiring candidates shall fill the Online Application Form on website www.dtemaharashtra.gov.in/scholarships. Candidate should take the printout of the Application form, attach required documents and submit it to the college. Students failing to submit the hard copy of application form in college office will not be held eligible for getting the scholarship.

RCSMFRS (EBC) Scholarship: The Government of Maharashtra announces the EBC Scholarship Scheme to all those students whose parent's income is below Rs.8,00,000/- per year. Candidates from Backward Class Category student are not eligible to apply for EBC Scholarship.

Dr. Panjabrao Deshmukh Hostel Maintenance Allowance Scheme: This Scheme ia applicable to the applicants who take admission through CAP round in Graduation / Post Graduation Courses with annual income less than Rs.1lakh.

Concession in Tuition Fees: Concessions in Tuition Fees for GOI Scholarship and Freeship subject to approval from appropriate authorities are available to the eligible students. The concession In Tuition Fees will be granted after producing required documents. Concession in Fees is not meant for Physically Handicapped, Minority, and Economically

Backward students. However, the facility of sending the applications received from students to concerned authority is available. The college fees will be recovered from the students availing fee concession and failing to submit online or hardcopy of Freeship / Scholarship Form as notified on the Notice Board.

Facilities

All the facilities are available in the Institute as laid down by AICTE, New Delhi. 1. Grievance Redressal Registry

2. Women Grievance Committee

3. Provision As per Fire Protection Act

4. Ramp for Physically Challenged Students

5. BarrierFreeEnvironmentforphysicallyhandicappedanddisabledpersons

Committees for Guidance to the Students

Students can approach the Counselor / Members of the following Committees for Guidance and Redressal of the ir grievances.

1. Guidance and Counseling Cell

2. Placement Cell

3. Anti Ragging Squad and Committee

 4. Students Council

Bus/Railway Concessions:

The facility of ST / Railway Concession for the students to visit their Native Place during summer / Winter Vacation is available as per rules of the concerned authorities. Local Bus / Railway Concession (Daily/Monthly/Quarterly) are also available for the bonafide students of the college. Residential address given on the admission form will be taken as valid for this concession. It cannot be changed during the course of the year.

Identity Card:

The college office issues Identity Cards to all the bonafide students of the college. Soon after the admission they should submit their applications for Identity Cards with passport size photograph pasted on it. Delay on the part of the students in obtaining Identity Card is liable to be fined. They should bear in mind that Identity Card is an important document and they should take utmost care in preserving it in good condition. Students should wear the Identity Card around the neck while they are in the College Campus, failing which the Entry in the College Campus / Laboratory / Lecture Hall /

Office /Work shop maybe denied. In case of Loss of Identity Card, a duplicate Identity Card will be issued to the Students on paymentofRs.100/-.

Use of Mobile Phones:

Students should keep their mobile phones on silent mode while on the college campus. Playing Music, Games, and Songs, etc. on mobile phones is strictly prohibited. If the above instructions are flouted, mobile phones will be confiscated. Use of mobile phone in the Class-Room, Laboratory, Workshop, Library, Computer Center and College office is prohibited.

Notice Boards:

All the circulars and notices are published on the Notice Boards in all the departments, library, office or on the college website www.mescoepune.org. No individual correspondence regarding Admission, Scholarship, Freeship, Examination, Term Work, Practical, Holidays, Defaulters and General Instructions will be made with students, Parents / Guardians and it is the sole responsibility of the students to see the notice regularly and visit the College Website for latest news.

Earn and Learn Scheme:

The Earn and Learn Scheme of Board of Students Welfare, Savitribai Phule Pune University is being implemented successfully fort needy student since the academic year 2009-10. Students benefit from this Scheme by working in the Laboratories and Library and Office. Students are paid Rs.50/-per hour so as to meet their monthly expenses. This Scheme also inculcates a sense of responsibility and dignity. Expert Lectures for the first year students are arranged under the Special Guidance Scheme of Board of Students Welfare, Savitribai Phule Pune University.

Hostel Facilities:

Students should maintain peace and decorum in the hostel. Students involved in ragging in hostel are liable for severe punishment. Round the clock Security is provided in the hostel buildings. The necessary housekeeping services are provided to maintain the cleanliness. The college authorities will not be responsible for the loss of any personal valuables. Students will not be allowed to stay away from the hostel beyond 10.00 pm. For detailed rules and regulations refer hostel notice board. Hostel fees including service and other charges are to be paid in advance.

Medical Checkup and Medical Facility:

Student admitted a fresh in the College and student residing in Hostel have to undergo Compulsory Medical Checkup as per the University directive. The schedule of Medical Check-up is notified after the commencement of the First Term. These services of the Medical Officer are available in the college campus.

Career Guidance and Counselling Centre:

The following services are available to the students free of cost Guidelines for Personality development: Effective study skills, Enhancing Physical Fitness, Time Management, and Enhancing Self Confidence, for personal problems, Academic difficulties, Stress, Tension, Anxiety, Worry, Concentration and Memory problems, Family and Social Relation. Aptitude Test is conducted on request at nominal charges. Workshops and talks on various aspects of personality development are regularly organized.

Bank and ATM :

Bank of Baroda's Branch and ATM facilities are available at the campus.

Parking :

Parking space is provided for two wheelers and students should park their vehicles at designated places only. Parking is at owner's risk. Vehicles parked elsewhere are likely to be confiscated and owner likely to be fined. Parking for four wheeler of the student is not permitted in the College Campus and hence students are not all owed to bring four wheelers in the college campus. The smooth functioning of the College depends upon observance of discipline by the students. The College can help the students better when Rules of Discipline are observed properly. Violation of these rules deprives the students of the advantage of different facilities provided by the College. Following are some of the important rules of discipline. Parent / Guardians are requested to direct their wards to observe the following Rule of Discipline

1. Students must attend lectures, practical, tutorials, etc. as per Time-Table. They should not remain absent for lectures, practical, tutorials, examinations etc. without written permission of the Principal. Students whose attendance and / or progress in various tests and examinations are not satisfactory and who do not perform the required number of tutorials and / or practical are likely to lose their terms. Students who do not submit compulsory project work in subject are likely to lose their term. Prolonged absence even on grounds of ill health may also lead to losing of terms. Defaulters will be detained from appearing for Savitribai Phule Pune University examinations.

2. Defaulters list will be displayed on the college noticeboard.

3. The Identity Card is meant for identifying bonafid students and isuse for permitting the students to enter college campus and to participate in various activities and programs of the College.

4. The conduct of the students in the classes and in the premises of the College shall be such as will cause no disturbance to teachers, fellow students or other classes.

5 All the students should be well dressed and follow uniform dress code as per the guideline.

6. No Society or Association shall be formed in the college and no person shall be on the College campus without the specific permission of the Principal. The Principal has right to refuse such permission.

7. No student is allowed to display any Notice / Circular / Poster / Banner in the College premises without the prior permission of the Principal. Strict action will be taken against the defaulters.

8. No student is allowed to be engaged in any political activity in the College premises.

9. Outsiders are not permitted in the College premises without the prior permission of the Principal. College students are not allowed to bring their relatives / friends to the College premises without the prior permission of the Principal. Strict action will be taken against the concerned outsider as well as the concerned student who is instrumental in bringing outsider to the College premises.

10. All meetings, cultural programs, debates, elocutions, etc. organized on the College premises must be held in presence of teaching staff members and with the prior permission of the Principal. The subjects of debates / elocution must have the prior approval of the Principal.

11. Students must take proper care of the college property. Strict action will be taken against the student damaging College property and will be required to compensate the damage.

12. Students involved in malpractices at the College/University Examinations will be expelled from the college.

13. Smoking, Chewing of Gutkha / Tobacco / Pan Masala etc. is strictly prohibited in the College premise as well as in the campus.

14. If, for any reason, the continuance of student in the College is found detrimental to the best interest of the College, the Principal may ask the studenttoleavetheCollegewithoutassigninganyreasonsandthedecision will be final and binding on the student.

15. Playing music on Transistors, Tape-recorders, Car-stereos, Mobile Telephones or any other similar gadgets with or without earphones is strictly prohibited in the College premises. Defaulters will be punished and their instrument will confiscate.

16. Use of Mobile Telephones is strictly prohibited in the academic area of the College which includes Lecture Halls, Laboratories, Library, Open areas in the buildings and in front of the building and parking area. Defaulters will be penalized and their instrument will be confiscated.

17. Students must not loiter on the College premises while the classes are running.

18. Students shall do nothing inside or outside the College that will interfere with the discipline of the College or tarnish the image of the College.

19. Students are not allowed to communicate any information about College matters to the Press.

20. MattersnotcoveredabovewillbedecidedatthediscretionofthePrincipal.

21. All students and staff will stand still at their places when the national Anthem is played.

Enforcement Measures:

The parents are requested to ensure that their ward will not get involve ordinary act mentioned below:

1. Ragging within or outside the institute and campus under Prohibition Act–1999 of Govt. of Maharashtra.

2. Mal practice during Theory/ Practical Examination.

3. Defaulterduetoattendancebelow75%duringeachsemester.

4. Mis-behaviour with Faculty, Staff and other students. All such students will be deprived of Book Bank Facility, Co-curricular and Extra Curricular Activities and Training and Placement Facilities.

Prizes/Awards

1. "Prin.M.N.Kondhavekar Gold Medal" to be awarded to the student securing First Rank at Final Year Under Graduate program University Examination among all discipline in the College.

2. "Vishwanath Kulkarni and Nalini V. Kulkarni " cash prize of Rs.5000/- for the "Best Outgoing Student".

3. Cash Prize of Rs. 500 /- to be awarded to candidates scoring highest Total Marks at University Examination in

- First Year Computer Engineering
- First Year Electronics & Tele-communication
- First Year Mechanical Engineering
- Second Year Computer Engineering
- Second Year Electronics & Tele-communication
- Second Year Mechanical Engineering
- Third Year Computer Engineering

- Third Year Electronics & Tele-communication
- Third Year Mechanical Engineering
- Final Year Computer Engineering
- Final Year Electronics & Tele-communication
- Final Year Mechanical Engineering

Institution's Innovation Council (IIC MESCOE)

The Institution's Innovation Council of Modern Education Society's College of Engineering (IIC MESCOE) has been established on 22nd October 2020. At present there are 55 staff and 63 students who are active members of IIC. These members are actively coordinating and organizing multiple activities for the benefit of all the students of MESCOE. MIC has divided the complete academic year into 4 quarters.

Objectives of formation of IIC-MESCOE

- ATAL Innovation Ranking (ARIIA)
- NIRF Ranking
- IIC Ranking
- Funding to potential startups by MIC (Ministry of Education's Innovation Council)
- Motivation to students to become entrepreneurs
- Internship opportunities at startups to students
- Educate students regarding the IPR process and its importance
- To conduct various Innovation, IPR and entrepreneurship-related activities prescribed by Central MIC in time bound fashion.
- Organize periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and create a mentor pool for student innovators.
- Organize Hackathons, idea competition, mini-challenges etc. with the involvement of industries.

Highlights of IIC-MESCOE

- IIC-MESCoE has got a 2 STAR RANKING (on a scale of 2.5) by Ministry of Education's Innovation Council for the first 2 quarters of 2020-21.
- Better association with Alumni who are successful as Entrepreneurs.
- A step towards helping build the ecosystem of startups and innovation.
- A team of TE Computer Students, lead by Mr. Tanmay Jagtap, have turned entrepreneurs and have established their startup debugged.exe

Graduation Ceremony 2020

Our institute organized the Graduation Ceremony on 11th February 2020 on behalf of Savitribai Phule Pune University in order to confer the degree on students graduated from our college.

This occasion was one of its kind, 421 graduates had **degree** conferred on them. It was a memorable occasion and a land mark for all. Dr. Apoorva Palkar, Director, Centre for Innovation, Incubation & Linkages, SPPU was invited as a Chief Guest.

The Graduation Ceremony started with a procession from MESCOE to TATA Assembly hall. Dr. Apoorva Palkar addressed all the students and the gathering emphasizing on taking initiatives for startups. It was followed by distribution of degrees to meritorious students from all three departments. The Graduation Ceremony was successfully conducted.

Student Clubs

The main object of the student's clubs is to make every individual technically sound as well as develop their soft skills. The college provides adequate opportunities beyond classroom instruction to create well-rounded personalities for students. The distinct clubs active in the college are as follows:

- Nakshatra Astronomy Club:
- Google Developer Student Club:
- WorkatTech MESCOE:
- Colloquium Magna Model United Nations Club (Personality Development):
- Robo Club:
- Directing Visions:
- Designers Club:
- MESCOE Enthusiast Club

Best College Award

e-BAJA & m-baja Team with their cars

AIR 1st rank - Design evaluation
AIR 1st rank - Sales presentation

e-BAJA Overall AIR 9th rank

m-BAJA Overall AIR 14th rank

POWER YOUR CAREER WITH NEXT GENERATION LEARNING

M. E. S. College of Engineering, Pune Offering Training & International Certification in Collaboration with