

#### Ahmednagar Jilha Maratha Vidya Prasarak Samaj's

# Shri Chhatrapati Shivaji Maharaj College of Engineering, Nepti, Ahmednagar

Survey No. 162 & 163, Nepti, Nagar - Kalyan Road, Ahmednagar - 414005. Maharashtra

Phone No :- 0241 -2568383

Unipune - ID CEGA019270

Fax No: - 0241 -2568384

Email: ajmvps123@gmail.com, scsmcoe.anr@gmail.com, Website: www.scoea.org

Approved by AICTE New Delhi, Govt. of Maharashtra & Affiliated To Savitribai Phule Pune University.

**7.1.10.** The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmed in this regard.

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Ahmednagar Jilha Maratha Vidya Prasarak Samaj's

# Shri Chhatrapati Shivaji Maharaj College of Engineering, Nepti, Ahmednagar



Survey No. 162 & 133, Nepti, Nagar-Kalyan Road, Ahmednagar - 414 005 (Maharashtra)
NAAC 'B+' Grade Accredited Institution, ISO 9001 : 2015 Certified

E-Mail: scsmcoe.anr@hotmail.com Website: www.scoea.org

University ID - PU/PN/Engg. 121/2011 DTE Code : EN 5382 MSBTE Code - 1953 Approved by AICTE New Delhi. Govt. of Maharashtra & Recognised by DTE Mumbai & Affiliated to Savitribai Phule Pune University & MSBTE Mumbai.

Ref. No. : SCSMCOE / 202 - 202

Date:

/ 202

# Vision:

"Tejo Si Tejo Me Dehi"

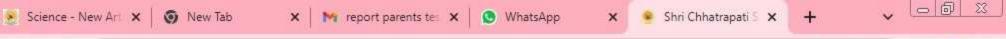
Oh God! You are the source of luster, grant me luster.

# Mission :-

- To impart quality education through effective teaching learning methodologies.
- To inculcate positive attitude and moral values amongst future technocrats.
- To promote excellence by encouraging creativity, critical thinking and discipline.
- To inculcate sensitivity toward society and a respect for the environment.

Nepti Maharaj College Nepti Ahmednegar

PRINCIPAL
Shri. Chhatrapati Shivaji Maharaj College
of Engineering, Napti, Ahmednegar





# Our Vision

" Tejosi Tejo Me Dehi"

"तेजोSसी तेजो मे देही "

# Our Mission

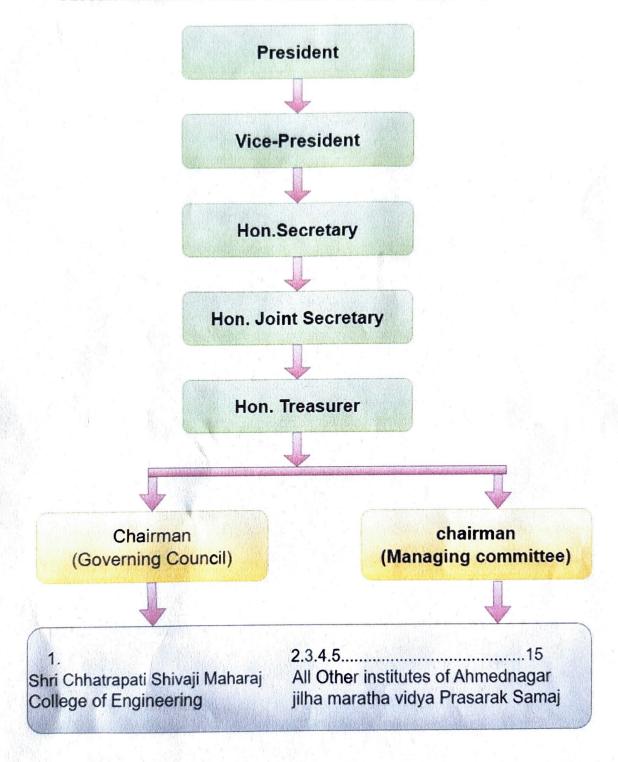
- To impart quality education through effective teaching learning methodologies.
- To inculcate positive attitude and moral values amongst future technocrats.
- To promote excellence by encouraging creativity, critical thinking and discipline.
- To inculcate sensitivity toward society and a respect for the environment.



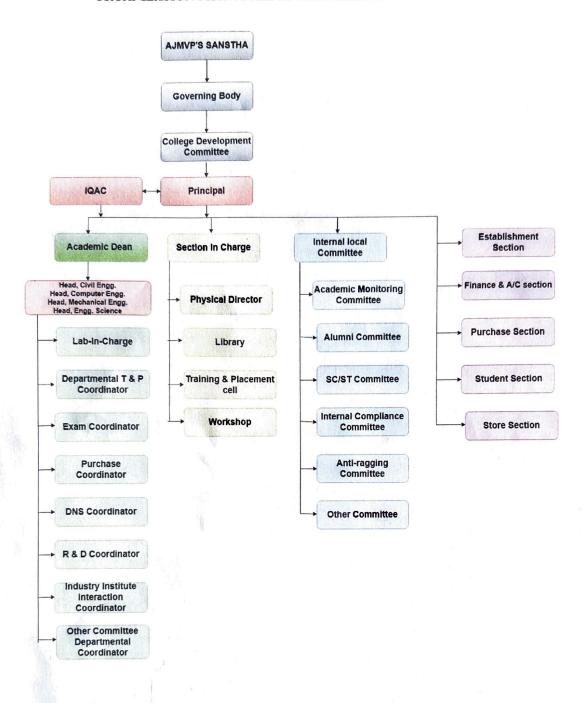




# ORGANIZATION STRUCTURE OF THE AJMVP SAMAJ



#### ORGANIZATION STRUCTURE OF THE SCSMCOE



Ahmednagar Jilha Maratha Vidya Prasarak Samaj's

# Shri Chhatrapati Shivaji Maharaj College of Engineering, Nepti, Ahmednagar



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f/scsm.coe.s

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Ref No.: SCSMCOE / 202 2 - 2023 763-4

Date: 05/0//2023

### **Academic Development Committee**

Sr. No.	Designation	Name of the Member	
1	Chairperson	Dr. Y. R. Kharde (Principal)	
2	Member	Mr. S. M. Palaskar (HoD, Civil Department)	
3	Member	Smt. Y. A. Sisodia (HoD, Computer Department)	
4	Member	Dr. Smt. M. K. Bhosale (HoD, Engineering Science)	
5	Member	Smt. S. M. Walke (HoD, E&TC Department)	
6	Member	Mr. P. G. Nikam (IQAC Coordinator)	
7	Member	Mr. D. D. Desale (Assistant Professor)	
8	Member	Smt. S. P. Suroshi (Librarian)	
9	Member	Mr. A. M. Handal (Physical Director)	
10	Member	Mr. N. M. Budhwant (Office Superintendent)	
11	Member Coordinator	Mr. A. B. Kale (HoD, Mechanical Department)	
12	Alumni	Bhushan Pagar (Mechanical Dept.)	
13	Student	Vinaykumar Pandey (Computer Dept.)	

#### **Functions:**

- 1. Review of teaching learning activities.
- 2. Tracking the progress of the implementation of the new academic initiatives.
- 3. Student's academic progress review and contingency plan to meet the requirements of specified performance.
- 4. Students attendance monitoring and review and decision regarding the term sanctioning of students.
- 5. Programs to enhance the faculty competency.
- 6. Academic Calendar preparation and implementation.

Copy to: All above members

Nepti Ahmednagar Ahmednagar

Shri. Chhatrapati Shivaji Maharaj College of Engineering, Nepti, Ahmednagar

R. Kharde

Ahmednagar Jilha Maratha Vidya Prasarak Samaj's

# Shri Chhatrapati Shivaji Maharaj College of Engineering, Nepti, Ahmednagar



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Ref No.: SCSMCOE / 202 2 - 202 3 365-3

Date: 02/08/2022

# **Academic Monitoring Committee**

Academic Monitoring Committee has been revised from academic year 2022-23 for College Academic Monitoring with immediate effect.

Sr. No.	Designation	Name of the Member	
1.	Chairperson	Dr. Y. R. Kharde (Principal)	
2.	Member	Mr. S. M. Palaskar (HoD, Civil Department)	
3.	Member	Smt. Y. A. Sisodia (HoD, Computer Department)	
4.	Member	Smt. S. M. Walke (HoD, E&TC Department)	
5.	Member	Mr. A. B. Kale (HoD, Mechanical Department)	
6.	Member	Dr. Smt. M. K. Bhosale (HoD, Engineering Science)	
7.	Member	Mr. P. G. Nikam, (IQAC Coordinator)	
8.	Member Coordinator	Mr. G. B. Salunke (Assistant Professor)	

## Roles and Responsibilities:

- 1. To monitor all academic activities and preparation of report.
- 2. Organize of meetings for smooth conduction of academic.
- Member coordinator will prepare report of the same also maintain MoM and all record.

Copy to: All above members

# ऑफ इंजिनिअरींग, नेप्ती, अहमदनगर

दि. / / २०२

	In Conference Room.
	TOOM!
	Meeting of All Hold Scation Inchange
	with second to following Agenda
	1 Academic Review of 2nd Sem/Syllabus 1 Term Work oral Practical Planning
	10 Team hist foral Practical Planning
Dr.	(8) Torm End
	(4) Fee Collection / FE Popult Analysis (B) Fontra classes for the days missed
	due to gothering or to their reasons.
	6 Individual extra classes time tuble
	(2) Team Hurt Record / Attadance Register
Service .	Continious Assessment sheet verification
	of Individual faculty.
Silpanini.	(8) Any other point.
	The state of the s
Sr. No.	Hame of Faulty Dept Sign.  Dr. Y. R. Kharde Bincipal.
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02	P. G. Nitam Civil Puller  A. K. Kulkonii Edik
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# श्री छत्रपती शिवाजी महाराज कॉलेज

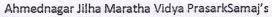
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	In Centagence	Room	
	Meeting of All 1	Cirst year sub	ect.
	Agenda: - Result D To discuss B	analysis, and	acadamic
	(2) Acadamic seview	OV F.E.	
	1 To discuss actu	en to improve	a cours
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	Dr. Y. R. Khanole.	Principal.	April 1911
	Dr. M. K. Bhosale	Engg Sci	Bhoah
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4	My. S. M. Walle	Engg sci Recervires F.C.	Ruhau
64	Mawar S.N.	Frag. Sci	V
(F	prof-Agale S.S	Engg. Sci computer	Ponall
8	PAGARE S.S.	civil	-69
9	Ghanwat DA	ERTC	John John
10	G.s. Pati	ciù	200
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प्रसारक समाज, अहमदनगर ऑफ इंजिनिअरींग, नेप्ती, अहमदनगर R. / / 202 дф Date 17/05/2023 Time: 12:15 pm. In Conference Room Meeting of All HOD & Section Inchange Regarding Industry visit for amonging placement drive 02. Any bether point.

B. provisored detached but

dy. Compres price (2 to 3) by each dept. s. Industry west: Sr. No. Hame of Faulty Dept. ol. Dr. Y. R. Kharde Bincipal 02. Mr. S. M. Walle 978 Heed P. G. Nikam Civil Civil comp 65 A A Adeure Ssurost S. P. Suroshi 06. Library o7. H.m. Budhwart Phy Director .. A.M. Handal. 08. As Kalhapure Mech A.B. Kale 10.

Page No. 009





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Ref No. SCSMCOE/2022-23/ 691

Date: - 25/11/2022

# Notice

A meeting of all HoD's, TPO, Admission & Alumni Co-ordinators is arranged on 26th Nov 2022 at 4.00pm in Conference Hall.

# genda

- 1) Feedback on 1st Semester Academics SE/TE/BE
- 2) Feedback Analysis 1st & 2nd,
- 3) No. of Industries identified from Nagar, Supa & Ranjangaon MIDC for placement.
- 4) In Campus drive.
- 5) HR. meet.
- 6) Workload distribution 2nd semester.
- 7) Academic Calendar.
- 8) Adherence of Academic Calendar.
- 9) Any other point.

Shri, Chhatrapati Shivaji Maharaj College of Engineering, Nepti, Ahmednagar

Copy to :-

- 1) To All HoD's
- 2) All Section I/C
- 3) Diploma Co-ordinator

Shri. Chhetrapati Shivaji Maharaj College of Engineering, Nepti, Ahmednagar



### Ahmednagar Jilha Maratha Vidya Prasarak Samaj's

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Fax No: - 0241 -2568384

Presenter:

Kharde

Ahmednaga

Dr. Y. R.

Email: ajmvps123@gmail.com, scsmcoe.anr@gmail.com, Website: www.scoea.org

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# **Minutes of Meeting**

Meeting Date: 26/11/2022	Time: 04.30 PM	Venue: Conference Room
Chairman of Meeting	Dr. Y. R. Kharde	
Type of Meeting	TIOD Marting TDO Ada	nission and alumni coordinator

#### ATTENDED BY:

Sr.	Name	Designation	Signature
No			kloode.
1.	Dr. Y. R. Kharde.	Principal	Alas.
2.	Dr. M.K.Bhosale	HoD Engg.Science	Mohosale
3.	Prof S.M.Walke	HoD E&TC	Virtelle
4.	Prof S.M.Palaskar	Assi.Prof.Engg.Civil	Mz.
5.	Por. A.B.Kale	Assi.Prof.Engg Mech	Pelityle
6.	Prof. P.G.Nikam	Assi.Prof.Engg.Civil	Quilian
7.	Prof.Jagtap	Assi.Prof.Computer Engg.	Jodhan
8.	Prof. A.S.Kalhapure	Assi.Prof.Engg Mech	Burg
9.	Prof. G.A.Ghanvat	Assi.Prof.E&TC	Court
10.	Prof. G.S.Patil	Assi.Prof.Engg.Civil	Sslatt

1. Agenda Point: Feedback on Ist semester academic SE/TE/BE

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<b>Discussion:</b> As per discussion i semester academic SE/TE/BE	n this meeting with all faculty memb	bers, about the Feedback Of I <sup>st</sup>
Following points were discussed		
Feed back of student		
2. Feedback of subject tead	chers	
Conclusion: - Take a feedback	of students and teachers related to the acc	ademic.
The state of the s		
A - 4 T-l	Person Responsible	
Action Taken	reison responsible	
Action Taken	All HoDs	
2. Agenda Point: Feedback An	All HoDs	Presenter: Dr. Y. R. Kharde
2. Agenda Point: Feedback An	All HoDs alysis of 1 <sup>st</sup> and 2 <sup>nd</sup> semester	Kharde
2. Agenda Point: Feedback An  Discussion: As per discussion	All HoDs	Kharde
2. Agenda Point: Feedback An  Discussion: As per discussion and take a necessary action	All HoDs  alysis of 1 <sup>st</sup> and 2 <sup>nd</sup> semester  with all HOD's and academic dean, it is	Kharde s decided submit feedback analysis
2. Agenda Point: Feedback An  Discussion: As per discussion and take a necessary action	All HoDs alysis of 1 <sup>st</sup> and 2 <sup>nd</sup> semester	Kharde s decided submit feedback analysis
2. Agenda Point: Feedback An  Discussion: As per discussion and take a necessary action  Conclusion: All department s	All HoDs  alysis of 1 <sup>st</sup> and 2 <sup>nd</sup> semester  with all HOD's and academic dean, it is  ubmit feedback analysis and make a char	Kharde s decided submit feedback analysis
2. Agenda Point: Feedback An  Discussion: As per discussion and take a necessary action	All HoDs  alysis of 1 <sup>st</sup> and 2 <sup>nd</sup> semester  with all HOD's and academic dean, it is	Kharde s decided submit feedback analysis

3. Agenda Point: Identify no of industries for placement Presenter: Dr. Y. R. Kharde Discussion: As per discussion Following points were discussed: Identify number of industries from nagar, Supa and Ranjangaon MIDC for placement 1. 2. Invite HR for the same Conclusion: - Schedule meeting with HR for placement **Action Taken** Person Responsible All departments TPO 4. Agenda Point: In Campus drive and HR Meetings Presenter: Dr. Y. R. Kharde Discussion: As per discussion Following points were discussed: 1. Arrange a campus drive 2. Invite HR for the same Conclusion: - Schedule meeting with HR for placement **Action Taken** Person Responsible All departments TPO

5. Agenda Point: Workload D	Presenter : Dr. Y. R. Kharde	
<b>Discussion:</b> As per discussion I per the rule of SPPU for semeste	HoDs of every department distribute the ver $2^{nd}$ .	vorkload in the respective faculties as
Conclusion: Workload Distri semester-2	ibution of all faculties of all Department of	done before the comisment of
Action Taken	Person Responsible	AD ARCHITECTURE AND ACCURATE SUPPLEMENTAL PROBLEMENT AND ACCURATE SAFE
	All departments HoDs	

6. Agenda Point: Adherence of Academic Presenter: Dr. Y. R. Kharde

**Discussion:** As per discussion HoDs of every department follow the academic calendar for smooth conduction of academic.

Nepti Ahmednaga

Conclusion :- Adherence to Ad	ademic calendar
Action Taken	Person Responsible
	All faculties

Meeting concluded with thanks to the Chair and the members.



Principal
PRINCIPAL
Shri. Chhatrapati Shivaji Maharaj College
of Engineering, Nepti, Ahmednagar



#### Ahmednagar Jilha Maratha Vidya Prasarak Samaj's

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Ref.No.SCSMCOE/2022-2023/1054-3

Date: 09/05/2023

## Notice

A meeting of all HoDs First Year Coordinator and faculty members is arrange on 12/05/2023 at 4:00pm in conference Hall.

## Agenda

- 1. Result Analysis and Academics.
- 2. Academic review of First year.
- 3. To improve result
- 4. Identify no of industries for placement
- 5. In Campus drive and HR Meetings
- 6. Workload Distribution of facult.
- 7. Adherence of Academic

Copy To :- 1. To all HoD. 2. All section I/C Haharaj College Or Ingilia Managar Neptil Ne

Principal PRINCIPAL

Shri. Chhatrapati Shivaji Maharaj College of Engineering, Nepti, Ahmednagar



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## **Minutes of Meeting**

Meeting Date: 12/05/2023	Time: 04.30 PM	Venue: Conference Room

Chairman of Meeting	Dr. Y. R. Kharde	
Type of Meeting	HOD Meeting	

#### ATTENDED BY:

Sr. No	Name	Designation	Signature
1.	Dr. Y. R. Kharde.	Principal	of bund
2.	Dr. M.K.Bhosale	HoD Engg.Science	Mhosal
3.	Prof S.M.Walke	HoD E&TC	Chiblane
4.	Prof.G.A.Ghanvat	Assi.Prof.E&TC	Dr.
5.	Prof. S.M.Shaikh	Assi.Prof Engg Sci.	Leven
6.	Prof. S.N.Pawar	Assi.Prof. Engg Sci.	
7.	Prof. S.S.Shinde	Assi.Prof.Engg Sci.	Sharole
8.	Prof. G.S.Patil	Assi.Prof.Engg.Civil	Salet
9.	Prof. A.S.Kalhapure	Assi.Prof.Engg Mech	Amil
10.	Prof. S.S.Pagare	Assi.Prof.Engg Civil	1
11.	Prof. S.S.Agale	Assi.Prof.Engg Computer	Bonali _

Presenter: Dr. Y. R. 1. Agenda Point: Result Analysis and Academics Kharde

Discussion: As per discussion in this meeting with all faculty members, about the result of First Year engineering

Following points were discussed

- 1. First Year Faculty member will analyze the result and find slow learner and First learner.
- 2. Subject teacher will schedule remedial classes for these students.
- 3. All HOD's will monitor the same.

Conclusion: - Result analysis of F.E result of Sem-I and Conduct remedial classes.

Action Taken	rerson Responsible			15-15-	
the state of the s	All First Year Faculty Members				
2. Agenda Point: Academic review	v of First year	Presenter:	Dr.	Y.	R.

Kharde

Discussion: As per discussion with all HOD's and academic dean, it is decided to provide questions bank of all the subjects to students for preparation of end semester examination.

**Conclusion**: All the subject incharge will provide the respective subject questions bank to the students.

<b>Action Taken</b>	Person Responsible	/	waji Maha	arai		
74. 38	All First Year Faculty Members	(3)		10	/	

l Unit Test - II solve in class room	
conduct for each subject	
Person Responsible	THE SECOND STATE OF THE SE
1	olve in class room beyond syllabus conduct for each subject

Meeting concluded with thanks to the Chair and the members.

Nepti Ahmednagar College Ahmednagar

Dr. Y. R. Kharde
Principal
PRINCIPAL
Shri. Chhatrapati Shivaji Maharaj College
of Engineering, Nepti, Ahmednagar



# Shri. Chhatrapati Shivaji Maharaj College of Engineering.

Survey No. 162 & 163, Nepti, Nagar-Kalyan Road, Ahmednagar. 414005

#### Rules

Students joining the College are bound by the following rules and regulations of the College:-

- 1. The Regular Time of College is 10:00 am to 5:00 pm.
- 2. The Uniform assigned by college is compulsory (Excluding Wednesday & Saturday ) Every student shall wear a clean and decent dress while coming to the College.
- 3. Every student must wear the Identity Card as long as he/ she is in the College campus. It must be produced by the student whenever demanded by a member of the teaching or non-teaching staff of the College. Every student must bring his /her Identity Card to the College every day. He/She must take proper care of it to avoid its misuse by other students and outsiders. In case the Identity Card is lost, the matter should be immediately reported to the Principal and an application should be made for a duplicate Identity Card which will be issued on payment of charges.
- 4. Students must attend lectures, practical's, tutorials, etc. as per the Time Table. They must not abstain themselves from classes, practicals, tutorials, examinations etc. without written permission of the FE Co-ordinator. Students whose attendance and/or progress in various tests and examinations is not satisfactory and who do not perform the required number of tutorials and/or practical are likely to lose their terms. Prolonged absence even on grounds of ill health may also lead to loss of terms. Defaulters will not be sent up for University Examinations.
- 5. In case of absence on account of illness, the Class Teacher should be informed by the parents personally. On resuming the college the student should report to the Class Teacher along with the fitness certificate.
- 6. 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.
- 7. 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 College student who is instrumental in bringing outsiders to the College premises.
- 8. Students are expected to take proper care of college property and help the college authorities in keeping the premises clean. Damaging college property e.g. disfiguring walls, doors, fittings or breaking furniture, misuse of fittings, or breaking furniture, etc., is breach of discipline, and the guilty will be duly punished.
- 9. Strict action will be taken against the Students involved in malpractices at the College / University Examinations.

- 10. Students should not leave their books, valuables and other belongings in the classroom. The College is not responsible for lost property. However, Student may make a claim for lost property at the office, if it is deposited in the College Office.
- 11. Insubordination and unbecoming language or misconduct on the part of a student are sufficient reasons for his/her suspension or dismissal.
- 12. Disciplinary action will be taken against students found using cell phones, pagers walkmans, discmans, ipods etc. in the Lecture Hall.
- 13. It is the responsibility of the students to read the notice boards regularly for important announcements made by the College office from time to time. They will not be excused or given any concession on grounds of ignorance or not reading notices.

14. Ragging is Strictly Prohibited.

Y. R. Kharde

PRINCIPAL

Shri. Chhatrapati Shivaji Maharaj College of Engineering, Nepti, Ahmednagar

## Savitribai Phule Pune University

## **Second Year of Computer Engineering (2019 Course)**

210250: Humanity and Social Science

LIVE.	70. Hamainey and Je	ocial Science	
Teaching Scheme	Credit Scheme	<b>Examination Scheme and Marks</b>	
Tutorial: 01 Hours/Week	01 <sup><u>\$</u></sup>	Term work <sup>§</sup> : 25 Marks	

#### Course Objectives:

To enable the students to explore aspects of human society and to acquire the intellectual, communication skills and develop characteristics that encourages personal fulfilment, meaningful professional life and responsible citizenship.

- To facilitate Holistic growth;
- To Educate about Contemporary, National and International affairs;
- To bring awareness about the responsibility towards society.
- To give an insight about the emergence of Indian society and the relevance of Economics.

#### **Course Outcomes:**

On completion of the course, learner will be-

- **CO1:** Aware of the various issues concerning humans and society.
- CO2: Aware about their responsibilities towards society.
- **CO3:** Sensitized about broader issues regarding the social, cultural, economic and human aspects, involved in social changes.
- **CO4:** Able to understand the nature of the individual and the relationship between self and the community.
- **CO5:** Able to understand major ideas, values, beliefs, and experiences that have shaped human history and cultures.

#### **Course Contents**

#### Preamble:

As applied sciences, Engineering and Technology are meant to come up with effective solutions to social problems making it imperative that the present generation of engineers and technologists understand the society they live in. Studying the social sciences can provide individuals with crucial answers and observations that could certainly help in understanding of one's life which can alleviate social relations. A broad perspective of nationalistic thinking will provide the students with the ability to be socially conscientious, more resilient and open to building an inclusive society.

Experiencing real-life situations and complex scenarios that arise in each situation will help the budding professions to contribute their skills and knowledge to helping people improve and understand their behaviour or psychological processes. Understanding how the world works begins with an understanding of oneself and gaining hands-on experience and/or thinking about human values and ethics will help trigger a sense of responsibility among the students and lead them to finding effective solutions.

Course Structure: The tutorial sessions to be divided into 2 groups

- 1. Interactive Sessions to be conducted in classroom
- 2. Interactive Activities to be conducted Outside Classroom

### MOOC/ Video Lectures available at 5:

- https://nptel.ac.in/courses/109/103/109103023/
- https://nptel.ac.in/courses/109/107/109107131/
- Teachers will play the role of interventionists and instigating students to apply their thinking abilities on social concepts
- As facilitators and mentors teachers will coax the students to thinking out-of-the-box to come up with creative solutions
- Teachers should focus on instilling a sense of social consciousness through the activities conducted indoors and outdoors.

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#### **Change of Mindset**

- Since the course deviates from technical subjects, students will have to be counseled into the importance of social sciences
- A background understanding of the importance of this course in their professional and personal life will have to be enumerated to the students
- Teachers will have to rationalize the course outcomes to get the students invested in the activities being conducted

#### **Designing of Course**

- Since students lack prior knowledge, it is imperative that the tutorials conducted be engaging in its activities
- Focus of the sessions should be the learning outcome of each activity conducted either in the class or outside the class
- All activities designed should be as close to real-life making them relatable and applicable
- Student-engagement should be a priority so that the knowledge internalized will be higher
- The activities chosen can be modified to cater to the college location and social context
- The learning should be focused on application of ethics and values during each activity
- The chosen sessions should cater to giving the students the opportunity to be involved and engaged in their role as contributors to society and the nation at large

#### Basic function of the tutor

 To present a holistic view of the curriculum and the role of this course in it and emphasizing the benefit of the sessions towards developing communications kills, critical thinking and problems solving

#### Grouping

- The class will be divided into groups of 20 students
- The blend of cultural and social diversity will enhance the learning at the end of each activity
- Teachers will have to be mentored to handle sensitive issues diplomatically while encouraging students to stand up for their beliefs
- The groups will have to have inter-personal sessions so that they get to understand their team members better and work cohesively
- Management support and encouragement to engage students in life-enriching experiences is important

#### Assessment of Learning

- It is important for tutors to make sure that assessment is consistent with learning objectives of each activity
- Assessment of students should be focused on the students' ability to internalize the learning
- Tutors need to understand meaningful ways of assessing students' work to motivate learning

#### Tutorial Conduction and Term Work guidelines

#### Interactive Sessions to be conducted during Tutorial (in classroom)

- 1. PREPARED SPEECH ON CURRENT AFFAIRS
  - a. Purpose Get students to stay abreast and invested in national current affairs
  - b. Method Each student has to read an editorial from any national paper (English), find out more information on the topic and present it to the class; ending the session with his/her opinion on the matter
  - Outcome Awareness of national state of affairs. Improve on oratory skills. Instil the thinking and contemplative skills and form non-judgmental opinions about an issue
- 2. Understanding India's Cultural Diversity
  - a. Purpose Expose students to the intricacies of Indian cultural across various states
  - b. Method Each student (or a small group of students in case the number of students is large) has to pick a state and come to the tutorial session prepared with a PPT that will showcase the demographic, sociographic and cultural information of that state
  - c. Outcome Information about the beauty of Indian cultural diversity. Enhance exploratory skill, communication skills and represent using technological tools.

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#### 3. WRITING AN ARTICLE ON ANY SOCIAL ISSUE

- a. Purpose Highlight various social and cultural evil malevolence existing in our country and express one's opinion on how it can be changed
- b. Method Each student will have to write a 200 word essay on any of existing social malice that is prevalent in society. On evaluation, the top 5 essays can be displayed on the college wall magazine and rewarded if deemed appropriate
- c. Outcome Learn to raise one's voice against the wrong doings in communities. Build writing skills, improve language and gain knowledge about how to write an impactful essay

#### 4. GROUP DISCUSSION ON COMMUNAL TOPIC

- a. Purpose Make students aware of the issues that are pertinent in a society and express a learned opinion about it
- b. Method Students in groups of 20 each will discuss a relevant and grave issue that is dogging the nation. Alternatively, topics from current affairs (National budget, democratic process, economical strengthening of the country).
- c. Outcome Develop group communication skills. Learn to speak up one's opinion in a forum. Cultivate the habit of presenting solution-driven arguments making them contributors in any team

#### 5. QUIZ ON SOCIAL BEHAVIOR

- a. Purpose Augment proper social etiquette among students and make them responsible citizens
- b. Method Conduct a quiz on traffic rules using audio-visual aids or using dumb charades where one student has to enact the traffic rule and the others have to guess that rule
- c. Outcome Grasp of various traffic rules and driving etiquette. Build verbal and non-verbal communication skills

#### 6. SCREEN A MOVIE (FOCUS ON POSITIVITY AND POWER OF THE MIND)

- a. Purpose Expose students to introspective skills and try to develop a positive thinking in life
- b. Method Screen a movie / a documentary / a video that focuses on the power of the mind and how to create affirmations in one's life. At the end of the movie, students can be asked to express their opinions and write down what changes / improvements they plan to take in their choices thereafter. This can be followed by a guest lecture by expert/s or workshop
- c. Outcome Comprehend the areas of improvement within themselves. Understand the importance of staying positive and develop affirmations

#### 7. QUIZ ON SOCIAL BEHAVIOR

- a. Purpose Augment proper social etiquette among students and make them responsible citizens
- b. Method Conduct a quiz on traffic rules using audio-visual aids or using dumb charades where one student has to enact the traffic rule and the others have to guess that rule
- c. Outcome Grasp of various traffic rules and driving etiquette. Build verbal and non-verbal communication skills

#### 8. SCREEN A MOVIE (FOCUS ON POSITIVITY AND POWER OF THE MIND)

- a. Purpose Expose students to introspective skills and try to develop a positive thinking in life
- b. Method Screen a movie / a documentary / a video that focuses on the power of the mind and how to create affirmations in one's life. At the end of the movie, students can be asked to express their opinions and write down what changes / improvements they plan to take in their choices thereafter. This can be followed by a guest lecture by expert/s or workshop

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- c. Outcome Comprehend the areas of improvement within themselves. Understand the importance of staying positive and develop affirmations
- 9. DEBATE ON A TOPIC FROM SOCIAL SCIENCES
  - a. Purpose Educate students about various domains in social sciences and develop an interest towards gaining knowledge about these topics
  - Method Various topics from various domains of social sciences can be chosen and students in pairs can pick a topic and present their arguments for or against the topic. Time for each debate will be 10 minutes maximum
  - c. Outcome Recognize the significance of social sciences in our lives. Cultivate the habit to present forceful arguments while respecting the opponents perspective and enhance verbal skills.

#### Interactive Activities to be conducted during Tutorial (Outside Classroom)

- 1. WASTE MANAGEMENT and CLEAN CAMPUS
  - a. Purpose: Create awareness among students about the significance of a clean environment and social responsibility to deter littering and segregate waste
  - b. Method: Students (in groups) will be given charge of areas of campus and will be expected to clean that segment. Also, they will be entrusted with the responsibility to collect, separate waste and hand over to the housekeeping authority
  - c. Outcome: Develop the habit to maintain cleanliness at home as well as learn to respect community areas at college or workplace. It will also encourage them become ambassadors among their peers to advocate protection of the environment
- 2. MAKING A VIDEO ON SOCIAL WASTAGES.
  - a. Purpose: Instil among students a sense of responsibility towards judiciously using natural resources like water and electricity
  - b. Method: Using their phones / hand-held devices, groups of students will make a 3 4 minute short film that will highlight irresponsible behavior in terms of wastage of water, leaving lights, fans and other electrical appliances on when not in use, defacing public and campus property by scribbling on walls and common areas. They will make awareness for the same among students. The creative videos will be posted on the college website and social media as an encouragement
  - Outcome: Conscientious behavior towards saving public utility resources. Explore the use
    of audio-visual tools to create more meaningful messages that can effect a change in
    society
- 3. RELAY MARATHON (3 5 kms)
  - a. Purpose: Propagate a social message by way of a sport activity
  - b. Method: A group of students will begin the race with banner / placard in hand that contains a social message. The group runs for 500 meters and hands over the banner / placard to the next group of students. This chain of exchange will continue for 3 5 kms.
  - c. Outcome: Become aware of the need for fitness and encouragement towards healthier lifestyle. Students will also be able to express their creativity in terms of meaningful messages and gain attention towards worthy social causes from the community in and around the campus.
- 4. TREE PLANTATION ON CAMPUS
  - a. Purpose: Involve students to actively participate in environment protection and develop greener surroundings
  - b. Method: Each student will plant a sapling and take care of that plant until it is able to sustain itself. Alternatively, students can organize a tree plantation drive in a public area and nurture it
  - c. Outcome: Besides increase in plants in the locality, students will feel a sense of empowerment and become social contributors towards protecting the environment.
- 5. VISIT TO AN OLD AGE HOME / ORPHANAGE
  - a. Purpose: Build a sense of responsibility words the less fortunate in our society and feel privileged to be able to effect real change in the world around us

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- b. Method: Students have to visit an old age home or orphanage in the vicinity of the college. They can interact with the inmates, probably donate utilities to the charity organization and/or probably stage a few inclusive activities with the residents of the place. After the visit, students can submit a brief report about their experience
- c. Outcome: Learn first-hand about the conditions and social situations that the no-soprivileged members of our society have to endure to survive and go beyond their embarrassment to interact with the destitute which will help students appreciate the importance of Indian family values

#### 6. STREET PLAY ACTIVITY

- a. Purpose: Create awareness in themselves as well as people in the community on various social evils that need to be eradicated
- b. Method: Students will prepare and enact a street play on any pertinent issues in society. The topics suggested can be perils of mobile phones / online fraud / safety for girls / mental and physical health of the youth.
- c. Outcome: Allow students to deliberate and think deeply about the looming issues that is dogging our society and the future of the youth. This will also bring out the creative skills among the students and allow them to showcase their talent.

#### 7. BUDDY / BIG BROTHER SYSTEM

- a. Purpose: Include and involve the less fortunate children making them feel wanted and cared for as well as use the opportunity to share knowledge among school students.
- b. Method: Students have to go to nearby schools after procuring appropriate permissions to teach a particular topic on either technical or non technical domains. Each student can choose to adopt 5 students from the class to be their mentor over a period of 1 year by staying in touch with them and helping them resolve their issues on academic or other matters.
- c. Outcome: Appreciation and respect towards the responsibility of teaching. They will learn to be accountable as social contributors and bring about some change in the lives of the young students they mentor as Buddies or Big Brother.

#### **Term Work Assessment Guidelines**

**Students must submit the report of all conducted activities** conducted during Tutorial (Outside Classroom) of at least 04 activities (out of 07 activities) from group (of 02-03) students.

The brief guidelines for report preparations are as follows:

- One activity report must be of maximum 3 pages;
- 2. Combined Report of all activities with cover pages, table of contents and certificate (signed by instructor) is to be submitted in soft copy (pdf) format only.
- 3. The report must contain:
  - General information about the activity;
  - Define the purpose of the activity;
  - Detail out the activities carried out during the visit in chronological order;
  - Summarize the operations / process (methods) during the activities;
  - Describe what you learned (outcomes) during the activities as a student;
  - Add photos of the activity;(optional)
  - Add a title page to the beginning of your report;
  - Write in clear and objective language; and
  - Get well presented, timely and complete report submitted.

**Recommended Assessment and Weightage Parameters:** 

( Attendance 30%, Assignments/Activities-Active participation and proactive learning 50% and report 20%)

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#### **Learning Resources**

#### Books:

- 1. A. Alavudeen, M. Jayakumaran, and R Kalil Rahman, "Professional Ethics and Human Values"
- 2. Ram Ahuja, "Social Problems in India" (third edition)
- 3. Shastry, T. S. N., "India and Human rights: Reflections", Concept Publishing Company India Pvt. Ltd., 2005.
- 4. Nirmal, C.J., "Human Rights in India: Historical, Social and Political Perspectives (Law in India)", Oxford India
- 5. Rangarajan, "Environmental Issues in India", Pearson Education.
- 6. University of Delhi, The Individual and Society, Pearson Education.
- 7. Wikipedia.org / wiki /social studies.
- 8. M. N. Srinivas, "Social change in modern India", 1991, Orient Longman.
- 9. David Mandelbaum, Society in India, 1990, Popular.
- 10. Dr. Abha Singh, "Behavioral Science: Achieving Behavioral Excellence for Success", Wiley.

#### e-Books:

- https://www.moteoo.org/en/products/social-science-and-humanities-student-book-english
- <a href="https://www.springeropen.com/books">https://www.springeropen.com/books</a>
   (SpringerOpen open access books; download them free of charge from SpringerLink)
- https://muse.jhu.edu/article/541846/pdf
   (This content has been declared free to read by the publisher during the COVID-19)

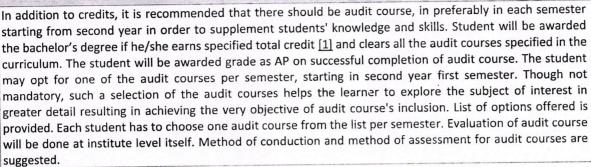
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# Savitribai Phule Pune University Second Year of Engineering (2019 Course)

210251: Audit Course 3



#### Criteria:

The student registered for audit course shall be awarded the grade AP (Audit Course Pass) and shall be included such AP grade in the Semester grade report for that course, provided student has the minimum attendance as prescribed by the Savitribai Phule Pune University and satisfactory performance and secured a passing grade in that audit course. No grade points are associated with this 'AP' grade and performance in these courses is not accounted in the calculation of the performance indices SGPA and CGPA. Evaluation of audit course will be done at institute level itself [1]

Guidelines for Conduction and Assessment (Any one or more of following but not limited to):

- Lectures/ Guest Lectures
- Visits (Social/Field) and reports
- Demonstrations

- Surveys
- Mini-Project
- Hands on experience on focused topic

Course Guidelines for Assessment (Any one or more of following but not limited to):

- Written Test
- Demonstrations/ Practical Test
- Presentations, IPR/Publication and Report

	Audit Course 3 Options
Audit Course Code	Audit Course Title
AC3-I	Green Construction and Design
AC3-II	Social Awareness and Governance Program
AC3-III	Environmental Studies
AC3-IV	Smart Cities
AC3-V	Foreign Language (one of Japanese/Spanish/French/German). Course contents for Japanese( Module 1) are provided. For other languages institute may design suitably.

Note: It is permitted to opt one of the audit courses listed at SPPU website too, if not opted earlier. <a href="http://collegecirculars.unipune.ac.in/sites/documents/Syllabus%202017/Forms/AllItems.aspx">http://collegecirculars.unipune.ac.in/sites/documents/Syllabus%202017/Forms/AllItems.aspx</a> <a href="http://www.unipune.ac.in/university">http://www.unipune.ac.in/university</a> files/syllabi.htm

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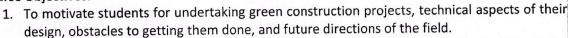
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### AC3-I: Green Construction and Design

Prerequisites: General awareness of environment and eco system.

#### **Course Objectives:**



2. To increase awareness of green construction issues, so that students will know the range of existing knowledge and issues.

3. Proper use of energy, water and other resources without harming environment.

4. To reduce waste pollution and Environment Degradation.

#### Course Outcomes:

On completion of the course, learner will be able to-

CO1: Understand the importance of environment friendly society.

CO2: Apply primary measures to reduce carbon emissions from their surroundings.

CO3: Learn role of IT solutions in design of green buildings.

CO4: Understand the use of software systems to complete statutory compliances involved in the design of a new home or office building through green construction.

#### **Course Contents**

 Introduction to Green Construction, need of green construction, Importance, Government Initiatives, your role in the Green Environment.

2. How to do Green Construction, Project Definition, Team Building, Education and Goal Setting, Documents and Specification.

3. Elements of Green Construction, Materials Construction Waste Management, Indoor Air Quality, Energy Efficiency.

4. Indian Green Building Council (IGBC), Introduction to IGBC, IGBC rating system, Green building projects in India, Benefits of green building, effects on natural resources.

#### Team Projects:

Students will be formed into groups to research green construction and design in a particular construction context and report their results to the class. What are the particular obstacles and opportunities to integrating green construction techniques into the following sectors? Be sure to consider technical, social, political and economic issues:

Hotels (economy, luxury, resorts), Hospitals, Retail(big box, malls, small scale downtown retail), Office, Government, ,Schools, Universities, Housing, Transportation Stations (Airport Terminals, Train Stations).

#### References:

1. Kibert, C. (2008) Sustainable Construction: Green Building Design and Delivery, 2nd edition(Hoboken, NJ: John Wiley and Sons.

2. Handbook of Green Building Design and Construction 1st Edition, by Sam Kubba, eBook ISBN:9780123851291.

IGBC Green New Buildings Rating System, Version 3.0, Abridged Reference Guide September 2014. Available:https://igbc.in/igbc/html\_pdfs/abridged/IGBC%20Green%20New%20Buildings%20Rating %20System%20(Version%203.0).pdf

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# AC3-II: Social Awareness and Governance Program



Awareness about basic terms in Social Science and Governance

#### Course Objectives:

- To Increase community awareness about social issues and to promote the practice of good governance in both private and public institutions, through policy advocacy and awareness creation in order to ensure proper utilization of public resources and good service delivery.
- 2. Increase community awareness on health, education, and human rights.
- 3. Transferring costs of social activities to other various segments of society.
- 4. To enhance youth participation in decision-making, democracy and economic development.

#### **Course Outcomes:**

On completion of the course, learner will be able to-

CO1: Understand social issues and responsibilities as member of society.

CO2: Apply social values and ethics in decision making at social or organizational level

CO3:Promote obstacles in national integration and role of youth for National Integration

CO4: Demonstrate basic features of Indian Constitution.

## **Course Contents**

- Indian Society as Pluralistic, Fundamentals of unity in diversity, diversity and disparity in Indian society, women in mass media, disparities due to disability.
- 2. The Indian constitution as unifying factor, Introduction Making of Indian Constitution, Basic features of Indian Constitution, Strengths of Indian Constitution, and Fundamental Duties.
- 3. National Integration: Introduction, The Value of Tolerance, Minority Classes And Constitution, Pre-Requisites of National Integration, Obstacles To National Integration, Promotion of National Integration, Role of Youth In Promoting Communal Harmony.
- Socialization, Ethics, Values and Prejudices, Meaning of Socialization, Functions of Socialization, Agents of Socialization, Importance of Socialization, Role of Ethics In Individual Development, Role of Basic Human Values In Individual Development, Relative Value System.

#### **Activities:**

- 1. Conducting training/workshops/debates on HIV/AIDS prevention and stigma reduction.
- 2. Public shows on girls' education and empowerment.
- 3. Conducting campaigns on adult/disabled education.
- 4. To support the government to develop policy that encourages youth participation in decision-making through government agencies.

#### References:

- Devidas M. Muley , S Chand, "Social Awareness and Personality Development", ISBN: 812193074X.
- 2. Bhagabati Prosad Banerjee, Durga Das Basu, Shakeel Ahmad Khan, V. R. Manohar, "Introduction to the Constitution of India", ISBN: 9788180385599.

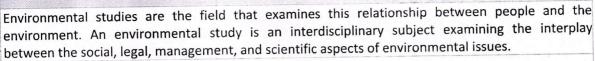
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## **AC3-III: Environmental Studies**



**Course Objectives:** 

- 1. Understanding the importance of ecological balance for sustainable development.
- 2. Understanding the impacts of developmental activities and mitigation measures.
- 3. Understand and realize the multi-disciplinary nature of the environment, its components, and inter-relationship between man and environment
- 4. Understand the relevance and importance of the natural resources in the sustenance of life on earth and living standard

#### Course Outcomes:

On completion of the course, learner will be able to-

CO1: Comprehend the importance of ecosystem and biodiversity

CO2: Correlate the human population growth and its trend to the environmental degradation and develop the awareness about his/her role towards environmental protection and prevention

CO3: Identify different types of environmental pollution and control measures

CO4: Correlate the exploitation and utilization of conventional and non-conventional resources

#### **Course Contents**

- Natural Resources: Introduction, Renewable and non-renewable, Forest, water, mineral, food, energy and land resources, Individual and conservation of resources, Equitable use of resources.
- 2. **Ecosystems:** Concept, Structure, Function, Energy flow, Ecological succession, Forest, grassland, desert and aquatic ecosystems Introduction, characteristic features, structure and function.
- 3. **Biodiversity:** Genetic, Species and ecological diversity, Bio Geographical classification of India, Value and hot spots, Biodiversity at global, national and local levels, India as megabiodiversity nation, Threats to biodiversity, Endangered and endemic species of India, Conservation of Biodiversity, Endangered and endemic species, Conservation of biodiversity.
- 4. **Pollution:** Definition, Causes, effects and control measures of the pollution Air, soil, Noise, Water, Marine and Thermal and Nuclear Pollution, Solid waste management, Role of Individual in Prevention of Pollution, Pollution #Exemplar/Case Studies, Disaster management

#### Reference:

1. Bharucha, E.,-Textbook of "Environmental Studies", Universities Press(2005),ISBN-10:8173715408

2. Mahua Basu, "Environmental Studies", Cambridge University Press, ISBN-978-1-107-5317-3

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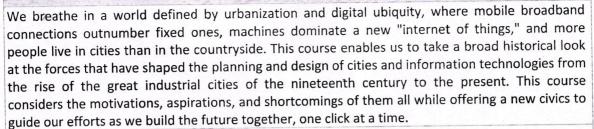
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#### **AC3-IV: Smart Cities**



#### **Course Objectives**

- To identify urban problems
- To study Effective and feasible ways to coordinate urban technologies.
- To study models and methods for effective implementation of Smart Cities.
- To study new technologies for Communication and Dissemination.
- To study new forms of Urban Governance and Organization.

#### **Course Outcomes**

On completion of the course, learner will be able to-

**CO1: Understand** the dynamic behavior of the urban system by going beyond the physical appearance and by focusing on representations, properties and impact factors

CO2: Explore the city as the most complex human-made organism with a metabolism that can be modeled in terms of stocks and flows

**CO3:** Knowledge about data-informed approaches for the development of the future city, based on crowd sourcing and sensing

**CO4:** Knowledge about the latest research results in for the development and management of future cities

CO5: Understand how citizens can benefit from data-informed design to develop smart and responsive cities

#### **Course Contents**

Urbanization and Ubiquity - The slow emergence of learning cities in an urbanizing world. Cities as collective learners, what do we know?- Framing a view -A gamut of learning types - Secrets of knowing and accelerating change - Why some cities learn and others do not.

#### References:

- Anthony M. Townsend, W. W. Nortonand Company "Smart Cities: Big Data, Civic Hackers, and the Quest for a New Utopia", ISBN: 0393082873,9780393082876.
- Tim Campbell, Routledge, "Beyond Smart Cities: How Cities Network, Learn and Innovate" ||, Routledge, ISBN:9781849714266.
- 3. StanGeertman, JosephFerreira, Jr.Robert Goodspeed, JohnStillwell, "Planning Support System ms and Smart Cities", Lecture notes in Geo information and Cartography, Springer.

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# Savitribai Phule Pune University Second Year of Computer Engineering (2019 Course)

210259: Code of Conduct

Teaching Scheme	Credit Scheme	Examination Scheme and Marks
Tutorial: 01 Hours/Week	01 <sup>5</sup>	Term work <sup>5</sup> : 25 Marks

#### Preamble:

Engineering is one of the important and cultured professions. With respect to any engineering profession, engineers are expected to exhibit the reasonable standards of integrity and honesty. Engineering is directly or indirectly responsible to create a vital impact on the quality of life for the society. Acceptably, the services provided by engineers require impartiality, honesty, equity and fairness and must give paramount importance to the protection of the public health, safety, and welfare. Engineers must perform under a standard of professional behavior that requires adherence to the principles of ethical conduct.

Prime aim is to recognize and evaluate ethical challenges that they will face in their professional careers through knowledge and exercises that deeply challenge their decision making processes and ethics.

#### **Course Objectives:**

- To promote ethics, honesty and professionalism.
- To set standards that are expected to follow and to be aware that If one acts unethically what are the consequences.
- To provide basic knowledge about engineering Ethics, Variety of moral issues and Moral dilemmas, Professional Ideals and Virtues
- To provide basic familiarity about Engineers as responsible Experimenters, Research Ethics, Codes of Ethics, Industrial Standards, Exposure to Safety and Risk, Risk Benefit Analysis
- To have an idea about the Collegiality and Loyalty, Collective Bargaining, Confidentiality, Occupational Crime, Professional, Employee, Intellectual Property Rights.

#### Course Outcomes:

On completion of the course, learner will be able to-

- **CO1: Understand** the basic perception of profession, professional ethics, various moral and social issues, industrial standards, code of ethics and role of professional ethics in engineering field.
- **CO2:** Aware of professional rights and responsibilities of an engineer, responsibilities of an engineer for safety and risk benefit analysis.
- **CO3: Understand** the impact of the professional Engineering solutions in societal and Environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- CO4: Acquire knowledge about various roles of engineers in variety of global issues and able to apply ethical principles to resolve situations that arise in their professional lives.

#### **Course Contents**

The following are the certain guidelines as far as ethics and code of conduct are concerned to be clearly and elaborately explained to the students,

Fundamental norms Engineers, in the fulfillment of their professional duties, should include paying utmost attention to the safety, health, and welfare of the society. Along with that engineers should execute the services only in their areas of competence. Whenever there is a need to issue public statements then such statements should be expressed in objective and truthful manner. Engineer should extend high sense of integrity by acting for each employer or client as faithful agents or trustees. Whatever may be the working scope engineer should conduct themselves honorably, responsibly, ethically, and lawfully so as to enhance the honor, reputation, and usefulness of the profession.

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As far as ethical practices are concerned engineers should not reveal facts, data, or information without the prior consent of the client or employer except as authorized or required by law or Code. Engineers should not permit the use of their name or associate in business ventures with any person or firm that they believe is engaged in fraudulent or dishonest enterprise moreover he/she should not aid or abet the unlawful practice of engineering by a person or firm.



Engineers having knowledge of any alleged violation of the Code should report thereon to appropriate professional bodies and, when relevant, also to public authorities, and cooperate with the proper authorities in furnishing such information or assistance as may be required. Engineers should disclose all known or potential conflicts of interest that could influence or appear to influence their judgment or the quality of their services. Engineers should not accept compensation, financial or otherwise, from more than one party for services on the same project, or for services pertaining to the same project, unless the circumstances are fully disclosed and agreed to by all interested parties. Engineers should not solicit or accept financial or other valuable consideration, directly or indirectly, from outside agents in connection with the work for which they are responsible.

Engineers should never falsify their qualifications or permit misrepresentation of their or their associates' qualifications. They shall not misrepresent or exaggerate their responsibility in or for the subject matter of prior assignments. Brochures or other presentations incident to the solicitation of employment shall not misrepresent pertinent facts concerning employers, employees, associates, joint ventures, or past accomplishments.

Engineers should not offer, give, solicit, or receive, either directly or indirectly, any contribution to influence the award of a contract by public authority, or which may be reasonably construed by the public as having the effect or intent of influencing the awarding of a contract. They should not offer any gift or other valuable consideration in order to secure work. They should not pay a commission, percentage, or brokerage fee in order to secure work, except to a bona fide employee or bona fide established commercial or marketing agencies retained by them.

There are certain obligations accompanied with engineering profession. Engineers should acknowledge their errors and should not distort or alter the facts. Candid advises in special cases are always welcome. Engineers should not accept outside employment to the detriment of their regular work or interest. Before accepting any outside engineering employment, they will notify their employers.

Engineers should not promote their own interest at the expense of the dignity and integrity of the profession furthermore they should treat all persons with dignity, respect, fairness, and without discrimination. Engineers should at all times strive to serve the public interest. Engineers are encouraged to participate in civic affairs; career guidance for youths; and work for the advancement of the safety, health, and well-being of their community. Engineers are encouraged to adhere to the principles of sustainable development in order to protect the environment for future generations. Engineers shall continue their professional development throughout their careers and should keep current in their specialty fields by engaging in professional practice, participating in continuing education courses, reading in the technical literature, and attending professional meetings and seminar.

Engineers should not, without consent, use equipment, supplies, laboratory, or office facilities of an employer to carry on outside private practice. They should not attempt to injure, maliciously or falsely, directly or indirectly, the professional reputation, prospects, practice, or employment of other engineers. Engineers who believe others are guilty of unethical or illegal practice shall present such information to the proper authority for action. development" is the challenge for the engineers meeting human needs for natural resources, industrial products, energy, food, transportation, shelter, and effective waste management while conserving and protecting environmental quality and the natural resource base essential for future development.

Following are contents to be covered in tutorial session-

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- Introduction to Ethical Reasoning and Engineer Ethics: Senses of 'Engineering Ethics' –
   Variety of moral issues Types of inquiry Moral dilemmas –Moral Autonomy Kohlberg's
   theory Gilligan's theory Consensus and Controversy –Professions and Professionalism –
   Professional Ideals and Virtues Uses of Ethical Theories.
- Home
- Professional Practice in Engineering: Global Issues -Multinational Corporations Business
   Ethics Environmental Ethics Computer Ethics Role in Technological Development –
   Weapons Development Engineers as Managers Consulting Engineers Engineers as Expert
   Witnesses and Advisors Honesty Moral Leadership Sample Code of Conduct
- 3. **Ethics as Design** Doing Justice to Moral Problems : Engineer's Responsibility for Safety Safety and Risk Assessment of Safety and Risk Risk Benefit Analysis Reducing Risk The Government Regulator's Approach to Risk
- Workplace Responsibilities and Rights Collegiality and Loyalty Respect for Authority Collective Bargaining Confidentiality Conflicts of Interest Occupational Crime Professional Rights Employee Rights Intellectual Property Rights (IPR) Discrimination
- 5. Computers, Software, and Digital Information
- 6. Responsibility for the Environment

#Exemplar/Case Studies:

General Motors ignition switch recalls (2014), Space Shuttle Columbia disaster (2003), Space Shuttle Challenger disaster (1986), Therac-25 accidents (1985 to 1987), Chernobyl disaster (1986), Bhopal disaster (1984), Kansas City Hyatt Regency walkway collapse (1981)

## **Guidelines for Conduction:**

The course will exemplify the budding engineers the Code of Conduct and ethics pertaining to their area and scope of their work. The Instructor/Teacher shall explain the students the importance and impact of the ethics and code of conduct.

Confined to various courses and project/mini-project development the possible vulnerabilities and threats need to be elaborated and the students' participation need to be encouraged in designing such document explicitly mentioning Code of Conduct and Disclaimers.

## Suggested set of Activities

- 1. Purpose-Introduce the concept of Professional Code of Conduct
  - **Method** Using Group Discussion as a platform, ask students to share one practice in their family / home that everyone has to follow. For ex. not wearing footwear in the house, taking a bath first thing in the morning, seeking blessings from elders, etc. Connect this Code of Conduct in their family to one that exists in the professional world
  - **Outcome** Awareness of profession-specific code of conduct and importance of adherence of that code specified. Ability to express opinions verbally and be empathetic to diverse backgrounds and values
- 2. **Purpose-**Impress upon the students, the significance of morality
  - Method Role play a professional situation where an engineer is not competent and is trying to copy the work of a colleague and claim credit for that work. Ask observing students to react to that situation. Alternatively, a short video that clearly shows unethical behavior can be played and ask viewers their opinion about the situation. Note to teachers read about Kohlber's theory and Gilligan's theory to understand levels of moral behavior
  - Outcome Incite students to contemplate their own immoral behavior in public space or academic environment (like copying homework or assignment). Will coax students to introspect their own values and encourage them to choose the right path
- 3. Purpose-Highlight the importance of professional ideals like conflict management, ambition, ethical manners and accountability
  - **Method** Each student will have to write a 200 word essay on any of above mentioned virtues of being a good professional. On evaluation, the top 5 essays can be displayed on the college wall magazine and rewarded if deemed appropriate
  - Outcome Learn to express one's ideas and identify and relate to good virtues. Build writing skills, improve language and gain knowledge about how to write an impactful essay

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4. Purpose-Make students aware of proper and globally accepted ethical way to handle work, colleagues and clients

**Method** – Teacher can form groups of 6 – 7 students and assign them different cases (these can be accessed online from copyright free websites of B-school content)

Outcome – Develop group communication skills. Learn to speak up one's opinion in a forum. Cultivate the habit of presenting solution-driven analytical arguments making them contributors in any team.

5. Purpose – Make students aware that technology can be harmful if not used wisely and ethically Method – Conduct a quiz on various ethical dilemmas that are relevant in today's world pertaining to privacy right, stalking, plagiarism, hacking, weaponizing technology, AI, electronic garbage creating environmental hazard etc

**Outcome** – Make students aware of various adverse consequences of technology development and allow them to introspect on how to use technology responsibly.

**6. Purpose** – Expose students to professional situations where engineers must use their skills ethically and for the betterment of society and nation

**Method** – Students in groups of 4 can be given an assignment in the earlier session to present in front of the class one specific case where they felt unethical treatment has been meted out to a person by an engineer – either as a witness, advisor, dishonesty, improper skills testimony etc. The group has to make a short presentation and also suggested plausible solutions to that situation. Q&A from other students must encouraged to allow healthy discussion

**Outcome** – Become aware of unethical code of conduct in the professional world and how to follow a moral compass especially when one reaches positions of power.

Purpose – Provide an insight into rights and ethical behavior.

**Method** – Movies like The Social Network can be played and students can be asked to discuss their opinion about collegiality, intellectual property, friendship and professional relationships **Outcome** – help them look at success stories from an ethical point of view. Develop critical thinking and evaluation of circumstances.

8. Purpose – Make students contemplate about ideal and safe professional environment and decide on making right decisions based on codes of conduct

**Method** – Students can be asked to write down 5 most important codes of conduct that they feel that every computer engineer should follow. After evaluation by teacher / experts, the collection of codes can be converted into a handbook to be given to every student as a memoir to help them in their professional life.

Outcome – Introspection and think about how to shape the professional environment. Also, when they carry back with them their own codes of conduct, they could feel bound to adhere to these ethics.

## **Term Work Assessment Guidelines**

**Students must submit the report of all conducted activities.** The brief guidelines for report preparations are as follows:

1. One activity report must be of maximum 3 pages;

- Combined Report of all activities with cover pages, table of contents and certificate (signed by instructor) is to be submitted in soft copy (pdf) format only.
- 3. The report must contain:
  - General information about the activity;
  - Define the purpose of the activity;
  - Detail out the activities carried out during the visit in chronological order;
  - Summarize the operations / process (methods) during the activities;
  - Describe what you learned (outcomes) during the activities as a student;
  - Add photos of the activity;(optional)
  - Add a title page to the beginning of your report;
  - Write in clear and objective language; and

Get well presented, timely and complete report submitted.

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# Recommended Assessment and Weightage Parameters:

( Attendance 30%, Assignments/Activities- Active participation and proactive learning 50% and report 20%)

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#### **Term Work Assessment Guidelines**

Students must submit the report of all conducted activities conducted during Tutorial (Outside Classroom) of at least 04 activities (out of 07 activities) from group (of 02-03) students. The brief guidelines for report preparations are as follows:

- 1. One activity report must be of maximum 3 pages;
- 2. Combined Report of all activities with cover pages, table of contents and certificate (signed by instructor) is to be submitted in soft copy (pdf) format only.
- 3. The report must contain:
  - General information about the activity;
  - Define the purpose of the activity;
  - Detail out the activities carried out during the visit in chronological order;
  - Summarize the operations / process (methods) during the activities;
  - Describe what you learned (outcomes) during the activities as a student;
  - Add photos of the activity;(optional)
  - Add a title page to the beginning of your report;
  - Write in clear and objective language; and
  - Get well presented, timely and complete report submitted.

## **Recommended Assessment and Weightage Parameters:**

( Attendance 30%, Active participation and proactive learning 50% and report 20%)

#### Web Links:

- https://www.ieee.org/about/compliance.html
- https://www.cs.cmu.edu/~bmclaren/ethics/caseframes/91-7.html
- https://www.nspe.org/
- http://www.ewh.ieee.org/soc/pes/switchgear/presentations/tp\_files/2017-
  - 1 Thurs Shiffbauer Singer Engineering Ethics.pdf

# MOOC/ Video lectures available at:

https://swayam.gov.in/nd1 noc20 mg44/preview

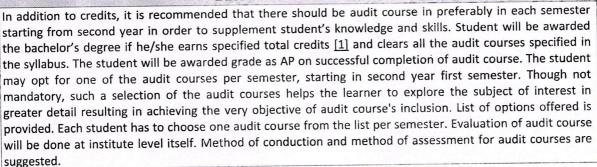
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# Savitribai Phule Pune University Second Year of Engineering (2019 Course)

210260: Audit Course 4



#### Criteria:

The student registered for audit course shall be awarded the grade AP (Audit Course Pass) and shall be included such AP grade in the Semester grade report for that course, provided student has the minimum attendance as prescribed by the Savitribai Phule Pune University and satisfactory performance and secured a passing grade in that audit course. No grade points are associated with this 'AP' grade and performance in these courses is not accounted in the calculation of the performance indices SGPA and CGPA. Evaluation of audit course will be done at institute level itself. [1]

# Guidelines for Conduction and Assessment (Any one or more of following but not limited to):

- Lectures/ Guest Lectures
- Visits (Social/Field) and reports
- Demonstrations

- Surveys
- Mini-Project
- Hands on experience on focused topic

# Course Guidelines for Assessment (Any one or more of following but not limited to):

- Written Test
- **Demonstrations/ Practical Test**
- Presentations, IPR/Publication and Report

#### **Audit Course 4 Options**

Audit Course Code	Audit Course Title
AC4-I	Water Management
AC4-II	Intellectual Property Rights and Patents
AC4-III	The Science of Happiness
AC4-IV	Stress Relief: Yoga and Meditation
AC4-V	Foreign Language (one of Japanese/Spanish/French/German) Course contents for Japanese( Module 2) are provided. For other languages institute may design suitably.

Note: It is permitted to opt one of the audit courses listed at SPPU website too, if not opted earlier. [1] http://collegecirculars.unipune.ac.in/sites/documents/Syllabus%202017/Forms/AllItems.aspx

http://www.unipune.ac.in/university files/syllabi.htm

http://collegecirculars.unipune.ac.in/sites/documents/s/ll@collegecirculars.unipune.ac.in/sites/documents/s/ll@collegecirculars.unipune.ac.in/sites/documents/s/ll@collegecirculars.unipune.ac.in/sites/documents/s/ll@collegecirculars.unipune.ac.in/sites/documents/s/ll@collegecirculars.unipune.ac.in/sites/documents/s/ll@collegecirculars.unipune.ac.in/sites/documents/s/ll@collegecirculars.unipune.ac.in/sites/documents/s/ll@collegecirculars.unipune.ac.in/sites/documents/s/ll@collegecirculars.unipune.ac.in/sites/documents/s/ll@collegecirculars.unipune.ac.in/sites/documents/s/ll@collegecirculars.unipune.ac.in/sites/documents/s/ll@collegecirculars.unipune.ac.in/sites/documents/s/ll@collegecirculars.unipune.ac.in/sites/documents/s/ll@collegecirculars.unipune.ac.in/sites/documents/s/ll@collegecirculars.unipune.ac.in/sites/documents/s/ll@collegecirculars.unipune.ac.in/sites/documents/s/ll@collegecirculars.unipune.ac.in/sites/s/ll@collegecirculars.unip Items.aspx

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### AC4-I: Water Management

Water is a vital resource for all life on the planet. Only three percent of the water resources on Earth are fresh and two-thirds of the freshwater is locked up in ice caps and glaciers. One fifth of the remaining one percent is in remote, inaccessible areas. As time advances, water is becoming scarcer and having access to clean, safe, drinking water is limited among countries. Pure water supply and disinfected water treatment are prerequisites for the well-being of communities all over the world. One of the biggest concerns for our water-based resources in the future is the sustainability of the current and even future water resource allocation. This course will provide students a unique opportunity to study water management activities like planning, developing, distributing and optimum use of water resources. This course covers the topics that management of water treatment of drinking water, industrial water, sewage or

Wastewater, management of water resources, management of flood protection.

### **Course Objectives**

- To develop understanding of water recourses.
- To study global water cycle and factors that affect this cycle.
- To analyze the process for water resources and management.
- To study the research and development areas necessary for efficient utilization and management of water recourses.

#### **Course Outcomes**

On completion of the course, learner will be able to-

CO1: Understand the global water cycle and its various processes

CO2: Understand climate change and their effects on water systems

CO3: Understand Drinking treatment and quality of groundwater and surface water

**CO4:** Understand the Physical, chemical, and biological processes involved in water treatment and distribution.

#### **Course Contents**

- 1. Understanding 'water'-Climate change and the global water cycle, understanding global hydrology
- 2. Water resources planning and management-Water law and the search for sustainability: a comparative analysis, Risk and uncertainty in water resources planning and management
- 3. Agricultural water use -The role of research and development for agriculture water use
- 4. Urban water supply and management The urban water challenge, Water sensitive urban design

#### References:

- 1. R. Quentin Graft, Karen Hussey, Quentin Graft, Karen Hussey, Publisher, "Water Resources Planning and Management", Cambridge University Press, ISBN: 9780511974304, 9780521762588.
- 2 P.C. Basil, "Water Management in India", ISBN: 8180690970, 2004.
- **3.** C.A. Brebbia, "Water Resources Management", ISBN: 978-1-84564-960-9, 978-1-84564-961-6.

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### **AC4-II: Intellectual Property Rights and Patents**

Intellectual property is the area of law that deals with protecting the rights of those who create original works. It covers everything from original plays and novels to inventions and company identification marks. The purpose of intellectual property laws is to encourage new technologies, artistic expressions and inventions while promoting economic growth.

Innovation and originality have great potential value. Whatever line of activity you are engaged in, future success depends on them. The last few years have seen intellectual property rights become an issue of general interest: the smart phone "patent wars", the introduction of Digital Rights management (DRM) and the rise of generic pharmaceuticals and open-source software are just some examples that have been in the public eye. Protecting your intellectual rights appropriately should be at a priority. Yet too many people embark on their chosen professions without even a basic awareness of intellectual property.

#### **Course Objectives:**

- To encourage research, scholarship, and a spirit of inquiry
- To encourage students at all levels to develop patentable technologies.
- To provide environment to the students of the Institute for creation, protection, and commercialization of intellectual property and to stimulate innovation.

#### **Course Outcomes:**

On completion of the course, learner will be able to-

- **CO1: Understand** the fundamental legal principles related to confidential information, copyright, patents, designs, trademarks and unfair competition
- CO2: Identify, apply and assess principles of law relating to each of these areas of intellectual property
- CO3: Apply the appropriate ownership rules to intellectual property you have been involved in creating

#### **Course Contents**

- 1. IntroductiontoIntellectualPropertyLaw—TheEvolutionaryPast-TheIPRToolKit-Para-Legal Tasks in Intellectual Property Law
- 2. Introduction to Trade mark Trade mark Registration Process Post registration Procedures -Trade mark maintenance Transfer of Rights Inter partes Proceeding Infringement Dilution Ownership of Trade mark
- 3. Introduction to Copyrights Principles of Copyright Principles -The subjects Matter of Copy right The Rights Afforded by Copyright Law Copy right Ownership, Transfer and duration Right to prepare Derivative works
- **4. IntroductiontoTradeSecret**—MaintainingTradeSecret—PhysicalSecurity—EmployeeLimitation Employee confidentiality agreement

#### Reference:

- Debirag E. Bouchoux, "Intellectual Property" Cengage learning, New Delhi, ISBN-10:1111648573
- 2. Ferrera, Reder, Bird, Darrow, "Cyber Law. Texts and Cases", South-Western's Special Topics Collections,ISBN:0-324-39972-3
- 3. Prabhuddha Ganguli, "Intellectual Property Rights", Tata Mc-Graw-Hill, NewDelhi,ISBN-10:0070077177

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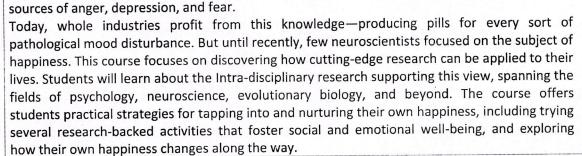
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#### AC4-III: The Science of Happiness

Everybody wants to be happy. One can explore innumerable ideas about what happiness is and how we can get some. But not many of those ideas are based on science. That's where this course comes in. The subject "Science of Happiness" aims to teach the pioneering science of positive psychology, which explores the ancestry of a happy and meaningful life. Clinical psychologists have been dealing with miserable feelings since their discipline was established. In the last 30 years, neuroscientists have made major headway in the understanding of the



#### **Course Objectives**

- To understand the feeling of happiness
- To study the sources of positive feelings
- To analyze the anatomy of the happiness system
- To study the effect of thoughts and emotions on the happiness system

#### **Course Outcomes**

On completion of the course, learner will be able to-

CO1: Understand what happiness is and why it matters to you

CO2: Learn how to increase your own happiness

CO3: Understand of the power of social connections and the science of empathy

CO4: Understand what is mindfulness and its real world applications

#### **Course Contents**

- 1. Happiness: what is it?, 2. The secret of smiling
- 3. The autonomy of positive feelings
- 4. Positive feelings as a compass
- 5. The happiness system
- 6. Foundations: Emotions, Motivation and nature of Wellbeing
- 7. Subjective well being
- 8. Love and well being
- 9. Optimal well being
- 10. Religion, Spirituality and wellbeing

#### References:

- 1. Happier, Stefan Klein, "The Science of Happiness, How Our Brains Make Us Happy and what We Can Do to Get", Da Capo Press, ISBN 10: 156924328X, 13: 978-1569243282.
- 2. C. Compton, Edward Hoffman, "Positive Psychology: The Science of Happiness and Flourishing", William, Cengage Learning, 2012, ISBN10: 1111834121.

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### AC4-IV: Yoga and Meditation

The concepts and practices of Yoga originated in India about several thousand years ago. Its founders were great Saints and Sages. The great Yogis presented rational interpretation of their experiences of Yoga and brought about a practical and scientifically sound method within every one's reach. Yoga today, is no longer restricted to hermits, saints, and sages; it has entered into our everyday lives and has aroused a worldwide awakening and acceptance in the last few decades. The science of Yoga and its techniques have now been reoriented to suit modern sociological needs and lifestyles.

Yoga is one of the six systems of Vedic philosophy. The Yoga advocates certain restraints and observances, physical discipline, breathe regulations, restraining the sense organs, contemplation, meditation and Samadhi. The practice of Yoga prevents psychosomatic disorders and improves an individual's resistance and ability to endure stressful situations.

### **Course Objectives:**

- To impart knowledge about the basic technique and practice of yoga, including instruction in breath control, meditation, and physical postures
- To gain an intellectual and theoretical understanding of the principles embodied in the Yoga Sutras, the Bhagavad-Gita, and other important texts and doctrines
- Relaxation and stress reduction ,Personal insight and self understanding, Personal empowerment, Gaining wisdom and spiritual discernment
- Awakening the abilities or powers of the Super conscious mind

#### **Course Outcomes:**

On completion of the course, learner will be able to-

**CO1:** Understand philosophy and religion as well as daily life issues will be challenged and enhanced.

CO2: Enhances the immune system.

**CO3:** Intellectual and philosophical understanding of the theory of yoga and basic related Hindu scriptures will be developed.

CO4: Powers of concentration, focus, and awareness will be heightened.

### **Course Contents**

- Meaning and definition of yoga Scope of Yoga Aims and Objectives of Yoga -Misconception about yoga.
- 2. Ayurveda: an introduction to this system of health care derived from the Vedic tradition Anatomy and Physiology as they relate to Yoga
- 3. Yoga Philosophy and Psychology

#### References:

- 1. B.K.S. Iyengar, "BKS Iyengar Yoga The Path to Holistic Health", DK publisher, ISBN-13: 978-1409343479
- 2. Osho, "The Essence of Yoga", Osho International Foundation, ISBN: 9780918963093

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Email: ajmvps123@gmail.com, scsmcoe.anr@hotmail.com, Website: www.scoea.org

Approved by AICTE New Delhi, Govt. of Maharashtra & Affiliated To Savitribai Phule Pune University.

Date: - 7/11/2022

### Report On

# Management-teachers-Parents-Students convention program

Event Title: Management-teachers-Parents-Students convention program

Day & Date: - 7 November 2022

Venue :- Savitribai Phule Seminal Hall, SCSMCOE Name Of The Organising Dept: - First year Engg Dept.

No Of Session :- 1

No Of Participant :- 110

Welcome Program was conducted on 7 November 2022 for the newly admitted First year engineering students during the academic year 2022-23. Principal Dr. Y.R. Kharde, adressed the parents and student on this occasion.

The management of the institution guide the student and parents, he also explain the role and carrier of the student in the technical field. He also explain the ethics and duties towards the society as engineer, to the student.

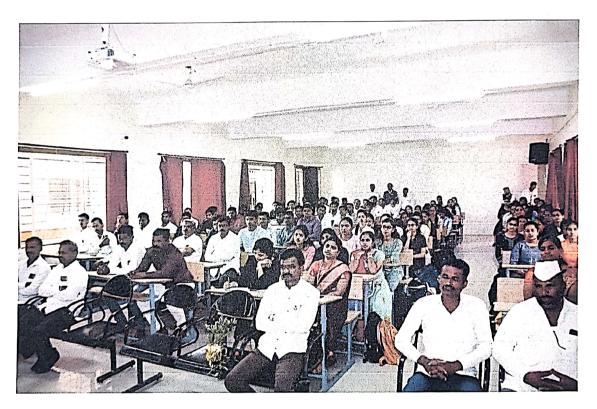
Head of Engineering Science Department Dr. M.K. Bhosale, Head of Civil Engineering Department Prof. S. M. Palaskar, Head of Computer Engineering Department Prof. Y. A. Sisodia, Head of Mechanical Engineering Department Prof.A.B.Kale, Head of Electronics Engineering Department Prof. S.M.Walke, and other Faculty members addressed the students.

Familiarization of the department it is important for the students to understand their roles as Engineers of Tomorrow and their contributions to the betterment of the entire society. SCSMCOE believes that students should be educated about what is expected of them as the future engineers thus inculcating a sense of motivation driven by them. Heads of various branches of the institute along with assistance from faculties of their department held sessions for the students which aimed at familiarizing the students with their respective branches in terms of goals, duties and the learning growth expected. The sessions succeeded at

presenting a clear view to the students regarding what is being taught in various branches of the institute.

First Year Co-ordinator Dr.M.K.Bhosale Mam thanked the guests for their kind and valuable words and wished the First Year Students a hearty welcome to the college.

We have provided Refreshment to student &parents after the programme.



Management-teachers-Parents-Students convention program



Management-teachers-Parents-Students convention program



Dr.M.K.Bhosale Event Coordinator



Principal
PRINCIPAL
Shri. Chhatrapati Shivaji Maharaj Colle
of Engineering, Nepti, Ahmednaga



# Shri Chhatrapati Shivaji Maharaj College of Engineering, Nepti, Ahmednagar

Survey No. 162 & 163, Nepti. Nagar - Kalyan Road, Ahmednagar - 414005. Maharashtra Phone No - 0241 - 2568383. Unipune - ID CEGA019270. Fax No. - 0241 - 2568384

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Date: 12/04/2023

# **Department of Mechanical Engineering**

### NOTICE

All the students of SCSMCOE are here by inform that the MESA is organizing Expert lecture on "Developing the Art of Living a Purposeful Life" by Mr. Adarsh Gangawane on 17th April 2023.

Attendance is Mandatory to all.

Prof. S. R. Gore

MESA (Coordinator)



Prof. A. B. Kale

HOD (Mechanical Department)

Marchael al department

Shri Cid abase d'Abril Maharej College
of Engine de la Bajili Alamednagar

Of Principal

( SCSMCOE)

PRINCIPAL
Shri. Chhatrapati Shivaji Meharaj College
of Engineering, Nepti, Ahmednagar

# Shri Chhatrapati Shivaji Maharaj College of Engineering, Nepti, Ahmednagar 102 8 183 Nept Nagar-Kalyan Road, Ahmednagar - 414 005 (Maharashira)



E-Mail: ajmvps123@gmail.com

scsmcoe.anr@hotmail.com

Website: www.scoea.org

University ID - PU/PN/Engg. 121/2011 DTE Code: EN 5382 Tel. No.: 0241-2568383. Fax: 0241-2568384

f/scsm.coe.5 @ scsmcoe

Approved by AICTE New Delhi, Govt. of Maharashtra & Recognised by DTE Mumbai & Affiliated to Savitribai Phule Pune University

Ref No.: SCSMCOE / 202 - 202

Date : 17 /04 / 2023

To,

Mr. Adarsh Gangawane,

PRM Software Solution,

Pune.

Subject: Guest Lecture on "Developing the Art of Living for Purpose Full Life"

Dear Adarsh,

We are pleased to invite you to the Shri. Chhatrapati Shivaji Maharaj College of Engineering" on the behalf of Mechanical Engineering Student Association for Guest Lecture on "Developing The Art of Living for Purpose Full Life", scheduled on 17<sup>th</sup> April 2023 at 01:00 pm. Your expertise and knowledge in the area would add a great value to the one and all, especially the budding engineers of the country who require the guidance and path-breaking ideas to lead their way through the tough completion in the Global market on this day.

With your vast and in-depth knowledge in the area, you would be expected to deliver on the "Developing the Art of Living for Purpose Full Life" as we are aware of your great contribution to this field of work. We look forward to your presence and guidance in making the event successful.

Thanking you.

Leceived.

Yours faithfully,

PRINCIPAL

Shri. Chhatrapati Shivaji Maharaj College of Engineering, Nepti, Ahmednagar

Page No. 044



# Shri Chhatrapati Shivaji Maharaj College of Engineering, Nepti, Ahmednagar

Survey No. 162 & 163, Nepti, Nagar - Kalyan Road, Ahmednagar - 414005. Maharashtra

 Fax No: - 0241 -2568384

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Approved by AICTE New Delhi, Govt. of Maharashtra & Affiliated To Savitribai Phule Pune University.

### **Student's Attendance**

Academic Year: 2022-23

Guest Lecture By: Mr. Adrsh Gangavane

Guest Lecture on: "Developing The Art of Living A Purposeful Life"

Class: All (1065 & Date: 17/04/2023

Roll No.	Name of Student	Signature
316	Mehetre Nutan Chakradhar	Mehetre N.C.
312	phaybor Harshada Annasaheh	H.A.ohaybar
338	Thanae Akshada shivaii.	Thomacas
336	Gase Bhakti ATUD	Phakty
203	Bade Shubhangi Ramnath	S. R. Back
135	Nimase Bhazati Vijay	Bhalati
153	Waah Akanksha Battatray	ans ha
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106	Chaudhari Shrutika (F.E. comp)	Coult le
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11	limbhore Pratiksha Sudam	TE mech ) Rimbhore
62	Modbave Ashwini Ambadas (T.E. mech)	Moethare AA
258.	Gargund Alarna.	Alanga a
102	Agnav Geeta Bhagvat	(JUNY
132	Lashkare Swapnali Ravsaheb	Food Karri
103	Aute Arti Jagaclish	GHHHTE.
117	Forate Ishwani Muruti	Earrabetm.
110	Dalvi Ankita Satish	(Arkita_
118	Gagare Vidya Vijay	ahr
1	70 00	





# Shri Chhatrapati Shivaji Maharaj College of Engineering, Nepti, Ahmednagar

Approved by AICTE New Delhi, Govt. of Maharashtra & Affiliated To Savitribai Phule Pune University.

### Student's Attendance

Academic Year: 2022-23

Guest Lecture By: Mr. Adrsh Gangavane

Guest Lecture on: "Developing The Art of Living A Purposeful Life"

Class: All

Date: 17/04/2023

Name of Student	Signature
Kashid Vimal Sakharam	
Triveni sandin falke.	Jeveni.
Kamble Onyaniyati Dhyanoba	Otombie.
Shelke Gitaniali Ramesh	8 helle
Vanle Akankaha Rhausaheh	Karal
Rasane Dhanashree Kalidas	DKRasan.
HAID MOUITI ANI	M.A.HOTE.
Gize Shital Shrikant	bity_
Borde Dratiksha Dandurana	P. P. Borgo
	(Voushale
	(Dinya
Saxade Priva Brashant	Prilya.
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Tibburga Hanuta Samphail.	Bar
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Mananera Poeta Dosta	30
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19 erad Akanesia Ashak	TIME
Virkar Harshada lukaruni	EN .
	Kashid Vimal Sakharam Triveni Sandip falke. Kamble Dnyanjyoti Dnyanoba Shelke Gitanjali Ramesh Karale Akanksha Bhawaheb Rasane Dhanashree Kalidas Hole Mayuri Anll Gire Shital Shrikant Borge Pratiksha Pandutang Zini Vrushali Anil Lande Divya Sambhaii Sarode Priya Prashant Rohokale Minakshi Balasaheb Dhere Rojachri Nanasaheb Uldhate Sanjona Vosant Nidhi Chaldhary. Tribhuvan Kenuka Sambhaji Handhekar Prezana Vishal Kharat Mayuri Data





# Shri Chhatrapati Shivaji Maharaj College of Engineering, Nepti, Ahmednagar

Survey No. 162 & 163. Nepti, Nagar - Kalyan Road, Ahmednagar - 414005. Maharashtra

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### Student's Attendance

Academic Year: 2022-23

Guest Lecture By: Mr. Adrsh Gangavane

Guest Lecture on: "Developing The Art of Living A Purposeful Life"

Class:

All

Date: 17/04/2023

Roll No.	Name of Student	Signature
121	Hajare Omkar Krishna	Oukcer
140	Sash Pawar	-feest
142	Sahil Pathan	Souhi
101	Cranje Aditya	Greely
343	Zaware shrikant	Smikent
323	Kandekan Onkor Anil	Kardokr a
	Dawbhat Ashok	
3	yoult nimse	emse
108.	chitale Bharrat kachany	Ochite.
221	garred tustion Arus	Tushero
303	Bande Swapni Santosn	s. Bande
345	Nagargole Muketh Bayayi	Const
373	pakit pratik Hrun	ters
148	Todonal Chaitanya Bharat	Bloderal.
127	Ingole Om Satist	(Jugalla)
157	yadav Vedant Vidyanand	(yada)
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Shri Chi



# Shri Chhatrapati Shivaji Maharaj College of Engineering, Nepti, Ahmednagar Survey No. 162 & 163, Nepsi, Nagar Kalyan Road, Ahmednagar 414005, Maharashtra

Phone No - 0241 2568383

Unipute ID CEGA019270

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# Feedback of Guest

G	uest Lecture on: Developing the Art of Living a Kurposeful 2
N	ame of the Expert: Adarsh Barnete Gargaroure
C	ontact No: 9284649570 Email ID- adarshsg532@gmail.com
U	ate: 17/04/2023
	Agree Disagree
1	The program was well paced within the allotted time
2	I would be interested in attending a follow-up, more advanced workshop
	on this same subject.
3	Level of the Event Introductory Intermediate Advanced
	Excellent Very Good Fair Poor Good
4	Hospitality of Host Institute
5	How was the arrangement of the workshop
6	The program overall
7	How do you rate the interest of the audience?
8	Which of the following best describes your current position?
	Practicing conservator Administrator Conservation scientist Educator
9	How many years of professional experience do you have in this field?   2 Years
10	Are you interested to participate in such program in our Institute in future? Yes / No

Signature With Date: Adarsi.

Nepti Ahmednaga



15

Ahmednagar Jilha Maratha Vidya Prasarak Samaj's

# Shri Chhatrapati Shivaji Maharaj College of Engineering, Nepti, Ahmednagar

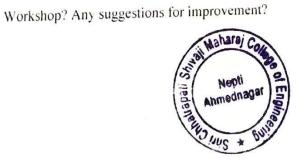
Survey No. 102 & 163, Nepti, Nagar - Kalyan Road, Ahmednagar - 414005, Maharashtra Umpune ID CEGA019270

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	Guest Lecture Feedback by the Stude	<u>nts</u>			
Acade	mic Year: 202-3 Department of Mechanical Eng	ineering	Semes	iter: 2	na
Guest	Lecture By: Mr. Adaish Gangawane				
Class:	FE(C) Date: 17/4/23 of Student: Mehetre Nutan Chakradhar	Contact No	s. 820	896	7990
Sr. No.	Content	Excellent	Very Good	Good	Poor
	How was the College hospitality?  Was the event information useful for your future career?				
3	Was the event well-paced within the allotted time?  How is the College Campus?				
5 6	Are the contents presented in an organized manner?  How was the overall arrangement of the event?				
7 8	Was the refreshment provided (Yes/No)? If Yes, how was it? How do you rate the Resources of the event?	Too Short	Right I	angth	Too long
9	Was this event relevant to the topic?	Introductory	Interm		Advanced
10	In your opinion, how was this event?		4		
11	If Institute arranges more such events in future, will you be interested to attend?	Yes	No		
12	Would you recommend the event to others?	Yes	No		
13	Please identify any specific priority areas for you that could be the focus at future events				
14	To what extent were your expectations fulfilled?				
12112	What did you most appreciate/enjoy/think was best about the				





# Shri Chhatrapati Shivaji Maharaj College of Engineering, Nepti, Ahmednagar

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## **Guest Lecture Feedback by the Students**

Acade	emic Year: 2022-23 Department of E O 1 C Er	ngineering	Semester: 2	ruq
	Lecture By: MR. ADARSH GANGAWANE Lecture on: Developing the Axt of Living	a Purpos	eful life	
Class	Fixst year Date: 17/4/2023			
Name	e of Student: Sayali Ashok Devadhe	Contact No	o. 87668.	30340
Sr.		Excellent	Very Good	Poor
No.	Content	Zacenen	Good	
1	How was the College hospitality?			
2	Was the event information useful for your future career?			<b>一</b>
3	Was the event well-paced within the allotted time?			
4	How is the College Campus?			
5	Are the contents presented in an organized manner?			
6	How was the overall arrangement of the event?			
7	Was the refreshment provided (Yes/No)? If Yes, how was it?			
8	How do you rate the Resources of the event?			
9	Was this event relevant to the topic?	Too Short  Introductory	Right Length  Intermediate	Too long  Advanced
10	In your opinion, how was this event?			H
	If Institute arranges more such events in future, will you be	Yes	No	
11	interested to attend?	4		
12	Would you recommend the event to others?	Yes	No 🗆	
13	Please identify any specific priority areas for you that could be the focus at future events			
14	To what extent were your expectations fulfilled?			
	What did you most appreciate/enjoy/think was best about the			
15	Workshop? Any suggestions for improvement?	•		





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## **Guest Lecture Feedback by the Students**

Acade	emic Year: 2023-29 Department of Mechanical En	gineering	Seme	ster:	1
Guest	Lecture By:				
Guest	Lecture on:	¥			
Class	F. E Date: 17/4/2023				
Name	e of student: Thange Akshada shivaji.	Contact No	o. 87	<b>6</b> 759	3630
Sr.	Company	Excellent	Very Good	Good	Poor
No.	Content				
1	How was the College hospitality?				
2	Was the event information useful for your future career?				
3	Was the event well-paced within the allotted time?				/ <u> </u>
4	How is the College Campus?				
5	Are the contents presented in an organized manner?				
6	How was the overall arrangement of the event?				
7	Was the refreshment provided (Yes/No)? If Yes, how was it?				
8	How do you rate the Resources of the event?				
9	Was this event relevant to the topic?	Too Short  Introductory	Right L Interme		Too long  Advanced
10	In your opinion, how was this event?				
	If Institute arranges more such events in future, will you be	Yes	No		
11	interested to attend?				
12	Would you recommend the event to others?	Yes	No Z		
13	Please identify any specific priority areas for you that could be the focus at future events	_			
14	To what extent were your expectations fulfilled?		લુ		
15	What did you most appreciate/enjoy/think was best about the Workshop? Any suggestions for improvement?	<u> </u>	on d		

# Shri Chhatrapati Shivaji Maharaj College of Engineering, Nepti, Ahmednagar



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E-Mail: ajmvps123@gmail.com

scsmcoe.anr@hotmail.com Website: www.scoea.org University ID - PU/PN/Engg. 121/2011

DTE Code: EN 5382

Tel. No.: 0241-2568383 Fax: 0241-2568384

f /scsm coe :

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Ref No.: SCSMCOE / 202 - 202

Date: 17 /04 / 2023

# Letter of Thanks

To,

Mr. Adarsh Gangawane,

PRM Software Solution,

Pune.

Dear Adarsh,

It was really a great privilege to have your presence at Shri. Chhatrapati Shivaji Maharaj College of Engineering which was held at Savitribai Phule Seminar Hall organized by Mechanical Engineering Student Association for all students on 17<sup>th</sup> April 2023 at 01:00 pm. I would like to express my gratitude for your valuable speech and presentation on "Developing the Art of Living for Purpose Full Life". Your valuable guidance had helped us in past and they would help us in future as well. On behalf of the all the faculties of the department, I greatly appreciate your expert talk.

I hope for the same co-operation from you in near future course of the time.

Thanking you.

Received

•

Shri. Chhatrapati Shivaji Maharaj College of Engineering, Nepti, Ahmednagar

Yours faithfully,



# Shri. Chhatrapati Shivaji Maharaj College Of Engineering, Nepti, Ahmednagar



Survey No. 162, & 163, Nepti, Nagar-Kalyan Road, Ahmednagar - 414,005 Maharashtra Contact No. (0241) 2568383, 2568384

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# Mentoring Handbook

tch De	tails:	Mobile No. : 820	8967990
entee l	D:	Branch : Mechan	ical
Class	Academic Year	Mentor Name	Mobile No.
FE	2022 - 2023	Shaikh M.S. Sir	7058328546

"EVERY GREAT ACHIEVER IS INSPIRED BY A GREAT MENTOR"



# VISION

# "Tejo Si Tejo Me Dehi"

Oh God! You are the source of luster, grant me luster.

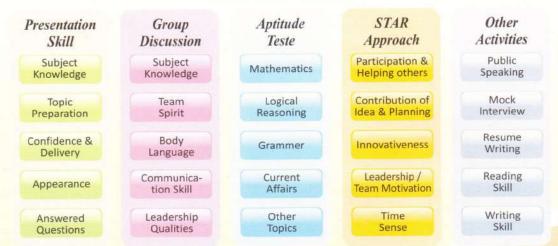
# MISSION

- To impart quality education through effective teaching learning methodologies.
- To inculcate positive attitude and moral values amongst future technocrats.
- To promote excellence by encouraging creativity, critical thinking and discipline.
- To inculcate sensitivity toward society and a respect for the environment.

### **Performance Attributes of Mentee**



### **Mentoring Activities**



Mentoring Handbook

# Ahmednagar Jilha Maratha Vidya Prasarak Samaj Ahmednagar

# ■ OUR MENTOR AND INSPIRATION ■



Hon'ble Shri. Nandkumar B. Zaware Patil
President



Hon'ble Shri. Harishchandra H. Dare Vice - President



Hon'ble Shri. Genuji D. Khandeshe Secretary



Hon'ble Adv. Vishwasrao D. Athare Patil

Joint - Secretary



Hon'ble Shri. Mukesh M. Mulay Treasurer



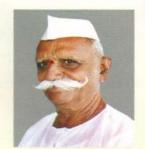
Hon'ble Dr. Mohanrao G. Hapse Trustee



Hon'ble Adv. Deeplakshami S. Mhase Patil
Trustee



Hon'ble Shri. Vivek P. Bhapkar Trustee



Hon'ble Shri. Sitaram V. Khilari Trustee



Hon'ble Dr. Chandrakant K. More



Hon'ble Shri. Jayant R. Wagh

# From The Desk of Principal ...



Dr. Yashwant R. Kharde

Ph.D. (Mech.) NITW, ISTE, MIE, CE **Principal** 

Today, in the era of globalization, knowledge is power. Engineering Education plays a vital role in nation building, corporate sectors and industries. We strongly believe that students, if properly nurtured and educated, can become important assets of society and nation, Keeping in mind that the student is the focal point of all activities we have started this mentoring activity.

Mentoring is a process in which an experienced individual helps another person to develop his or her goals and skills through a series of time-limited, confidential, one to one conversations and other learning activities. Mentors also draw benefits from the mentoring relationship. As a mentor, you will have the opportunity to share your wisdom and experiences, evolve your own thinking, develop a new relationship, and deepen your skills as a mentor. As we have a team of dynamic, talented and devoted teachers to help the students to bring the best out of them.

Our basic objective is to impart quality education through effective learning methodologies and to develop a positive attitude and moral values amongst the students.

\*\*\*\*

## MENTEE INFORMATION

1.	Full Name of the M	Full Name of the Mentee: Mehetre Nutan Charradhar									
	Gender: Male / Fer	nale	D.O.B.: 0 1 0 1 2 (	0 5	9.0						
	Aadhar Card No.:	6 8 2 3	43742306								
	E-mail: Mehetr	enutani 1200	S@gmail.com								
	Blood Group :	A+	Allergies if any : None		The made						
	Name of Father:	hakradha	Baban Mehetre								
	Name of Mother :	Rupai Cho	Kradhar Mehetre								
	Occupation of Fath	The state of the s									
2.	Contact Details:										
	Mentee Mobile	No.	Father's Mobile No.	<b>Home Contact</b>	me Contact No.						
	8208967990	8	888184320								
		2/	161								
2	Parent's Permanent Address: AIT Chichondi Potil.										
3.	Tal-Dist - Ahmednagat										
	Tal. Nagat State: Maharash	tro	Pin Code 4	3							
				1 4 2 0 1							
	Local Guardians N	ame & Address		7/2/11	***************************************						
	Tal.	15.70/a	Dist. ;								
	State:		Tejo Me Pin Code	Jivigi	HAM						
4.	Academic Information	ion:	randhas yadi) - m	nerth become	M						
Sr. No.	Qualification	Year of Passing	Board / University	Marks Obtained	Class/ Grade						
1	S.S.C.	2020	Pune divisional board	467	93.40						
2	H.S.C.	2022	Pune divisional board	429	71.50						
3	Diploma										
4	Graduation										
-	0.1										

Engineering Educational Details:

Sr. No.	Academic Year	Class	Branch	Roll No.	Practical Batch	Div
1	2022-23	FE/FY	Mechanical	316	Cı	C
2		SE / SY	277			
3		TE / TY	COM special trainings (No.			
4		BE	elaft - andlessons fi-dame.			

#### Academic Results:

U	niversity Examination	FE / FY	SE / SY	TE/TY	B.E.
Nov. (20	). / MA"	- 40	6.N	mes obai	2
May (20	) / 6		1 62		
Nov. (20	) / 4 / 60		1 54		
May (20	) / 8 / 8	A CANADA	10		
Nov. (20	)   <		April 1		
May (20	) = 1	A PRINCIPLE			
Nov. (20	) 4		1 0		
May. (20	) 11. (1. = 11)		13	10000	

Declaration:

I, Mehetre Nutan Charradhar declare that the information provided above is correct.

Mehetre N.C. Signature of Mentee

Signature of Mentee

Name: Mehetre Nutan Chakradhar

Name: Prof. M.S. shark

Si Tejo Me Dehi Signature of Mentor

# **CONTENT**

Sr. No.	Title	Page No.
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	(ii) Internal Unit Test - II Record	17
	(iii) Prelim Examination Record	18
	(iv) SPPU Insem Exam Record	19
	(v) Total Marks Obtained	20
15.	Special Achievement Record	21
16.	Disciplinary Action Record	22
17.	Mentor - Mentee Counselling Record	23
18.	Telephone / Letter / SMS / Postal Record	27
19.	Parent Interaction Record (in Person)	29

# The Basic Concept of Mentoring:

Mentorship is a relationship in which a more experienced or more knowledgeable person helps to guide a less experienced or less knowledgeable person. The mentor may be older or younger than the person being mentored, but he or she must have a certain area of expertise. It is a learning and development partnership between someone with vast experience and someone who wants to learn. Mentorship experience and relationship structure affect the "amount of psychosocial support, career guidance, role modeling, and communication that occurs in the mentoring relationships in which the proteges and mentors engaged.

"Mentoring" is a process that always involves communication and is relationship-based, but its precise definition is elusive, with more than 50 definitions currently in use. One definition of the many that have been proposed is, "mentoring is a process for the informal transmission of knowledge, social capital, and the psychosocial support perceived by the recipient as relevant to work, career or professional development; mentoring entails informal communication, usually face-to-face and during a sustained period of time, between a person who is perceived to have greater relevant knowledge, wisdom, or experience (the mentor) and a person who is perceived to have less".

Mentoring means making a sincere effort to communicate with a student, with an open heart and an open mind.

Good mentoring practice empowers students by encouraging and supporting each student in successful achievement of goals, and adapting to the academic, social, political and cultural mores of the institution.

"EVERY GREAT ACHIEVER IS INSPIRED BY A GREAT MENTOR."

# Aim & Objectives

**Aim of the Program:** The aim of mentoring is to promote positive change in an individual while building a healthy relationship. The mentoring program is also devised to encourage students from non-English speaking backgrounds and those from rural and remote communities.

### **Objectives:**

- \* Setting up a career development mentoring program for students to learn the skills and behaviours.
- \* Creating a mentoring program for students to give them one-on-one guidance.
- \* To provide a framework for positive interaction between students, Mentors and staff.

### Role of Mentor

During the course of most mentor relationships, mentor roles are likely to include:

- **Guide:** A guide takes you through a journey, providing different pathways and warning of potential pitfalls. A mentor can offer wise perspective and can encourage growth by asking the right questions, throwing out ideas, and keeping conversation and creativity moving. This advisory role also requires the mentor to help the mentee develop professional interests and set realistic career goals.
- Coach: A coach provides motivation and feedback. Positive feedback to reinforce behavior and constructive feedback to change behavior. Both types are critical to the professional growth of the mentee. Positive feedback is a great motivating tool for removing doubt and building self-esteem which results in a sense of accomplishment.
- Advisor: A mentor works with the mentee to develop a career development plan that outlies what knowledge, skills and abilities are needed to reach career goals.
- Counselor: The counselor role establishes a lasting and open relationship. Respect and confidentiality are baselines for this relationship. A mentor encourages the mentee identify their strengths and weaknesses and develop problem-solving skills.
- Advocate: An advocate champions the ideas and interests of the mentee. Advocates act as a sponsor, creating opportunities that challenge and instruct the mentee, setting them up for success. The goal is to provide as much exposure and visibility for the mentee, with a minimum of risk. This role primarily involves initiating opportunities for development by helping establish a network of contacts, helpful resources and a path to success.
- Role Model: Teaching by example is a mentor's most effective developmental tool.

### A Successful Mentor

- \* Value the mentee as a person;
- \* Develop mutual trust and respect;
- Maintain confidentiality;
- \* Listen both to what is being said and how it is being said;
- \* Help the mentee solve his or her own problem, rather than give direction;
- \* Focus on the mentee's development and resist the urge to produce a clone.
- \* Respects the student's commitment by making good use of their time and by being prepared and on time for every meeting.

## **Characteristics of an Effective Mentor**

- \* Supportive of the needs and aspirations of the mentee.
- \* Willing to spend time performing mentoring responsibilities.
- \* Respected in the community and profession.
- \* Communicates openly and clearly.
- \* Comfortable providing constructive feedback.
- \* Has a genuine interest in helping others succeed.
- \* Arespectful, inspiring and positive attitude.

# Responsibilities of the Mentor

- \* Assist your mentee in identifying professional and personal growth goals and objectives.
- \* Assist your mentee in establishing explicit goals and objectives for the relationship.
- \* Commit to meeting with mentee on a regular basis. Establish how and when those meetings will take place.
- \* Complete progress reports and regularly re-assess needs.
- \* Review agreements reached in the Mentoring Agreement at regular intervals of the partnership.
- \* Maintain the confidentiality of the relationship.

### **Characteristics of an Effective Mentee**

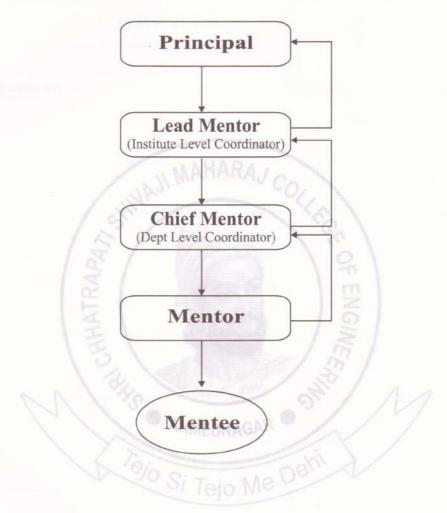
- \* Positive outlook and attitude
- \* Eager and open to learn proactively
- \* Patient, responsive and respectful of mentor's role and time
- \* Comfortable receiving objective feedback
- \* Works as a "team player"
- \* Comfortable being stretched out of a comfort zone

# Guidelines for the Mentee:

- \* Allow your mentor to take the lead in the relationship, at least initially. Listen and respect the opportunities, limitations and format of the relationship he or she is able to provide for you. Always act with courtesy and respect towards your mentor.
- \* Use active listening skills during discussions with your mentor. Be careful not to interrupt, unless you need to clarify a point and you see no other opportunity or pause. Take notes when appropriate, ask good questions and have a purpose for your questions.
- \* Prepare the goals and objectives you have for your career. Be prepared to ask for specific guidance and advice on your goals, plans and strategic ideas. The more specific you can be, the easier it will be for your mentor to help you.
- \* Take the initiative to ask for feedback. Feedback, although difficult to hear at times, is critical to your personal and professional growth and development. Demonstrate that you are open to hear new ideas and suggestions to bring out your best and overcome any blind spots. Get feedback on specific issues, for example, how you come across to others. Ask for specific details to ensure you understand specific behaviors. Tell your mentor how you prefer to get feedback (for example, direct, with humor, softened). Don't get defensive. Thank your mentor for taking the risk to be honest with you. Remember, if your mentor was not invested in you, he/she would probably not take this risk. Honest feedback gives you an opportunity to improve yourself and help you to move towards fulfilling your potential.
- \* Always be considerate and respect your mentor's time as you do your own. Be thorough, but succinct in your explanations, experiences and comments. Watch for clues that you may be going on too long. It is polite to ask directly if you are talking too long.
- \* Return phone calls promptly and be on time with commitments or meetings. If your mentor offers a specific time frame of availability, respect his/her wishes by following through. Only extend the time of your contact if your mentor initiates or insists to extend or complete a task or discussion.
- \* Seriously consider all advice or suggestions you receive. Arguing why the mentor's advice would not work, can be construed as rude and close-minded.
- \* Demonstrate that you have followed advice or commitments for action at every opportunity, even if you have modified your plan. Pointing out that you used your mentor's help and sharing outcomes is important.

# **Mentoring Process**

## A) Flow Chart



### B) Formation of Organization:

- 1. Formation of batches. (Batch size- 15 to 20 students)
- 2. For each batch one Mentor is assigned who is a teacher to this batch.
- 3. For one class, 3 to 4 bathes are there and one Class Teacher is there.
- 4. For each department, one department coordinator is appointed. (i.e. Chief Mentor)
- 5. Every department is coordinated by institute level coordinator (i.e. Lead Mentor)

### C) Implementation Process

- As per the guidelines decided and formed by the respected Principal Sir will be communicated to mentor through HOD's and chief mentor.
- 2. Chief Mentor of the Department discusses these policies among the HOD, class teacher and mentor.
- 3. As per the academic calendar, the Mentor meetings will be conducted by the Mentor of their assigned batch.
- In the Mentoring meeting, the concerned faculty discusses various activities among the students.
   He/she also considers the different issues raised by the mentees (students).
- 5. After every meeting with the mentees, the mentor has to take outcomes of previous meeting, to compile the report and to submit it to the Class teacher.
- 6. The class teacher has to submit the compiled report of all batches to the department Chief Mentor.
- 7. The Coordinator (Chief Mentor) of all departments has to submit the report to institute level coordinator.
- 8. The compiled report is submitted by institute level coordinator to the Principal Sir.
- As per the suggestion given by the students, the Principal Sir gives direction to the concerned faculty or department for necessary action.
- 10. For each mentee separate mentoring handbook will be issued. It is duty of respective mentor to keep and update the handbook and at the end of academic year the handbook should be submitted in the department.

# OBSERVATIONS OF HOD / PRINCIPAL (Regarding Mentoring Meetings and Activities)

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### **ACTIVITY: PRESENTATION SKILL**

Sr.	Date	Subject Knowledge	Topic Preparation	Confidence & Delivery	Appearance	Answered Questions	Total	Signature of Mentee	Signature of Mentor
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1	8-10-22	4	5	3	5	4	21	Mehetre N.C	Junt
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4	11-3-22	5	5	4	4	5	23	Meherrenc	tean
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### **ACTIVITY: GROUP DISCUSSION**

Sr. No.	Date	Subject Knowledge	Topic Preparation	Confidence & Delivery	Appearance	Answered Questions	Total	Signature of Mentee	Signature of Mentor
		(5)	(5)	(5)	(5)	(5)	(25)		
1	8-10-22	9	5	3	5	4	21	Mehetrenc	. Lear
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4	11-3-23	4	5	3	5	4	21	Mehetrenc	duly.
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# ACTIVITY: APTITUDE TEST

Sr. No.	Date	Subject Knowledge (5)	Topic Preparation (5)	Confidence & Delivery (5)	Appearance (5)	Answered Questions (5)	Total (25)	Signature of Mentee Mehelienc	Signature of Mentor
1	8-10-22	ч	5	3	4	5	2/		July
2	15-10-22	5	4/	WASHAR	44	5	21	mehetien C	- 4
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# ACTIVITY: STAR APPROACH (Group Activity)

### **Evaluation Sheet**

Sr.	Date			Attributes			Total	Comment / Feedback	Signature of Mentee	Signature of Mentor
No.		A (5)	B (5)	C (5)	D (5)	E (5)	(25)	0 - 1	M646446MC	- I
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A: Participation and helping others, B: Contribution of Idea & Planning, C: Innovativeness, D: Leadership / Team Motivation, E: Time Sense Guidelines - Group must be of min 5 to max 10 students. Star Approach: Situation → Task → Action → Result

### **ACTIVITY: OTHER ACTIVITIES**

Sr.	Date	Public Speaking	Mock Interview	Resume Writing	Reading Skill	Writing Skill	Total	Signature of	Signature of
No.	Date	(10)	(10)	(10)	(10)	(10)	(50)	Mentee	Mentor
1	8-10-22	9	9	8	4	8	4)	Mehetien c	Lever
2	19-10-22	9	9	8	100	7	4)	Mehetienc	July
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#### PERFORMANCE APPRAISAL OF MENTEE

Events	Excellent	Good	Satisfactory	Poor
Academic Progress	Above 66%	60-66%	40-60%	Below 40%
Attendance	Above 80%	AAAA 75-79%	60-74%	Below 60%
Communication Skills / Soft Skill	Above 9 out of 10	7 to 8 out of 10	4 to 6 out of 10	Below 4 out of 10
Sports	Intercollegiate Participation	College level Participation	Department level Participation	No Participation
Organizational Ability (Dept. association events, Professional bodies events, College Gathering events)	3 Events / Activity Participation	2 Events / Activity Participation	1 Events / Activity Participation	No Participation
Internal / External Participation	3 Participation (1 Internal and 1 External)	2 Participation (1 Internal and 1 External)	1 Participation (Any)	No Participation

#### PERFORMANCE EVALUATION

Event	FE/FY	Sign of Mentee	SE / SY	Sign of Mentee	TE/TY	Sign of Mentee	BE	Sign of Mentee
Academic	70	mehetre NC	WMAH	ARAJOS				
Attendance	82_	Mehetienc		-04	12			
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Internal / External Participation	2	Mehelienc	Si Te	o Me De				



Mentor

Chief Mentor / HOD

Lead Mentor

#### ATTENDANCE RECORD

Sr.	Class	Sem.	Roll	Mor	nth 1	Moi	nth 2	Mo	nth 3	Mor	ith 4	Total at en	d of Semester	Signature of
No.	Class	Sem.	No.	TH	PR	TH	PR	TH	PR	TH	PR	TH	PR	Mentee
1	FE/FY	I	316	80	100	85	90	85	88	92	90	86	88	Mehetien-c
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Mentor

Chief Mentor / HOD

Lead Mentor

#### INTERNAL UNIT TEST - I RECORD

Sr.	Class	Sem.	Roll No.	UT marks	Retest Marks	UT marks	Retest Marks	UT marks	Retest Marks	UT marks	Retest Marks	UT marks	Retest Marks	Signature of Mentee
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#### PRELIM EXAMINATION RECORD

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### TOTAL MARKS OBTAINED (OUT OF 100)

Sr.			Roll No.	Marks Obtained	Marks Obtained	Marks Obtained	Marks Obtained	Marks Obtained	Signature of
No.	Class	Sem.	Sub →	MI	BEE	SME	Phy	PPS	Mentee
1	FE/FY	1	316	57	59	56	57	53	Mehetren-
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#### SPECIAL ACHIEVEMENT RECORD

Sr. No.	Academic Year	Class	Sem.	Achievement Details	Signature of Mentee	Remark
1	2022-23	FE	I	Rangoli Compatition	Mehetten-c	_
2	2022-23	FG	IL	Poster competition	mehetien-c	==
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### DISCIPLINARY ACTION (if any)

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#### MENTEE COUNSELLING RECORD

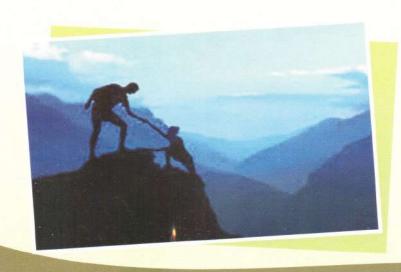
Sr. No.	Date	Details of Discussion	Action Taken	Sign of Mentee
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# Mentoring Quotes

- "Every great achiever is inspired by a great mentor."
- Lailah Gifty Akita
- "It is the supreme art of the teacher to awaken joy in creative expression and knowledge." Albert Einstein
- "A good teacher is like a candle it consumes itself to light the way for others." Author Unknown
- "A mentor is someone who allows you to see the hope inside yourself."
   Oprah Winfrey
- "One of the greatest values of mentors is the ability to see ahead what others cannot see and to help them navigate a course to their destination."

   John C. Maxwell
- "Mentoring is a brain to pick, an ear to listen, and a push in the right direction." John C. Crosby

"You have an opportunity - not only to impact student's life today, but to transform their potential for tomorrow" -Author Unknown





# एक परिपूर्ण इंजिनिअरींग कॉलेज.

आम्ही लावतो सवय ... जिंकण्याची व यशस्वी होण्याची ...

केवळ इंजिनिअरिंगचा अभ्यास आमच्या विद्यार्थ्याकडून करुन घेणे हे आमचे उदिष्ट नसून आम्ही त्यांना सवय लावतो जीवनात यशस्वी होण्याची ... जिंकण्याची ...

विद्यार्थ्यामध्ये दडलेल्या सुक्ष्म क्षमतांच्या बीजांचे वटवृक्षात रुपांतर करणे हेच आमचे खरे काम आहे आम्ही हाती घेतलेले उपक्रमच त्याची साक्ष देतात ...

विद्यार्थ्याचे विविध स्पर्धामधील यश. इंडस्ट्रियल व्हिजिटस्, व्यक्तिमत्व विकास शिबिर, सेमिनार, योगाभ्यास वर्ग, स्मार्ट पेरेंटिंग वर्कशॉप राष्ट्रीय स्तरावरील चर्चासत्रे, पतंग महोत्सव. आजी आजोबा दिवस, इंद्रधन ...













Ahmednagar Jilha Maratha Vidya Prasarak Samaj's

# Shri. Chhatrapati Shiyaji Maharaj College Of Engineering,

Survey No. 162, & 163, Nepti, Nagar-Kalyan Road, Ahmednagar - 414,005 Maharashtra Contact No. (0241) 2568383, 2568384, www.scoea.org, Email: scsmcoe.anr@hotmail.com









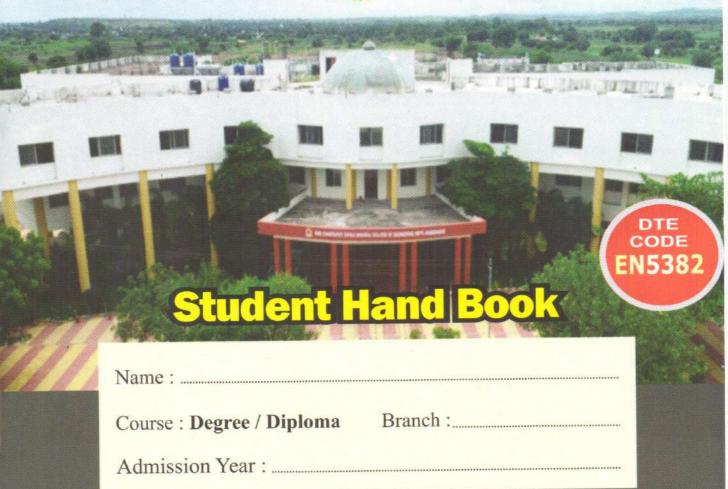


Ahmednagar Jilha Maratha Vidya Prasarak Samaj's

## Shri. Chhatrapati Shivaji Maharaj College Of Engineering, Nepti, Ahmednagar

Approved by AICTE New Delhi, Govt. of Maharashtra, Recognized by DTE Mumbai & Affiliated to Savitribai Phule Pune University, Pune





Survey No. 162 & 133, Nepti, Nagar-Kalyan Road, Ahmednagar - 414 005 (Maharashtra) Email ID : scsmcoe.anr@hotmail.com | Website : scoea.org | **Tel. No.** : 0241-2568383/84









# From The Desk Of Principal



A very warm welcome to Shri. Chhatrapati Shivaji Maharaj College of Engineering, Ahmednagar, a place to create bright future in Engineering.

In the era of globalization, knowledge is power. Engineering Education plays a vital role in nation building, corporate sectors and industries. We strongly believe that students, if properly nurtured and educated, can become important assets of society and nation.

Keeping in mind, that the student is the focal point of all activities of our institute.

Desire, Quality Education, Innovation, Excellence and Dedication are 'Panchsutras' of the institute. All efforts will be directed to make overall development of students to face challenges of corporate world, industries and nation.

Our basic objective is to impart quality education. The institute is incorporated with all requisite laboratories, classrooms, workshop, seminar hall, computer center, library with latest equipments and software, national – international journal and e-library.

We have a team of dynamic, talented and devoted teachers to help the students to bring the best out of them. We are also implementing soft skill and personality development programs to make our students more confident and competent.

Once again I ensure of excellent technical education in the best possible way.

The pollution free aesthetically developed campus with it's greenery is an ideal place for learning which you will certainly enjoy.

Wishing you a successful career!!!

### **Dr. Yashwant R.Kharde**

Ph.D. (Mech.) NITW, ISTE, MIE, CE **Principal** 

### Shri Chhatrapati Shivaji Maharaj College of Engineering Nepti, Ahmednagar - 414 005.

### STUDENT INFORMATION

Photo

Name of Student :	
Course: Degree / Diploma	
Date of Birth :	Branch:
Address:	
Contact No.:	
Parent Contact No.:	
Email ID:	
Year of Admission:	
First Year :	Second Year:
Third Year:	Final Year :

### Details of Fees Paid 202 - 202

ass: First Year	Branch:	
Particulars	Amount (In Rupees)	Receipt Number
Admission Fee		
Tuition Fee	1135	
Development Fee	£ .	
Other Fee		
Hostel Fee		
	1 15 14	
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Refu	nd of Deposits	
Particulars	Amount (In Rupees)	Date

### **Application for Clearance Certificate**

Year 202 - 202

To,
The Principal,
Shri Chhatrapati Shivaji Maharaj,
College of Engineering, Ahmednagar.

Subject : Application for Clearance Certificate

Respected Sir,

I solemnly declare that I have cleared of all the dues with department and various section of the college. The signature of the Head of Department and Section concerned has been obtained for the same. Kindly issue me the SPPU university examination hall ticket and oblige. Thanking You.

Yours obediently,

Date: / / 202

Signature of Student

### **Clearance from Department and Sections**

Department / Sections	Signature	Date
Account		*
Library		
Hostel		2
Scholarship / Freeship		
Class Teacher		*
Head of Department		

### छत्रपती रिावाजी महाराज अभियात्रिकी महाविद्यालयाचे यश





पारितोषिक वितरण सोहळा • लखनौ विद्यापीठाचे माजी कुलगुरू डॉ. सर्जेराव निमसे यांचे प्रतिपादन

### भारताने प्रगत सायन्स व टेक्नॉलॉजीची कास धरावी

मायन्य व देशनीश्रीतीचे प्रकार कास क्या काम सामाना त्यांना देशा मामाना राजिकालकाचे मानने खामाने राजिकालकाचे कामें तम दिले

बदलत्या महाराष्ट्राचे

रेलीची सुस्तात महाविद्यालवातून नेपती गावाकडे करण्यात आली. भारत माता की जग, हर घर तिरंगा, जय घोषात फेरी संपूर्ण गावामधून नेण्यात आली. प्राचार्य. याव. आर. खर्ड यांनी घराखर तिरंगा घ्वाज फडक्कबुन देशाप्रती अभिगात बाळगावा, असे आवाहन केले.

कार्यक्रमाच्या यशस्थितसाठी प्रा. ए. एम. इंडाळ, प्रा. जी.एस. पाटील, प्रा. ए. के. कुलकर्णी

पाटील, प्रा. ए. बे यांनी परिश्रम घेतले.

8 5 6 6 6 8 8 8 8 4 6 6 8 8 4 4

विकास जान बाब, कुरेश वा क्षेत्रको मुतीयाच एमा

### श्री छत्रपती शिवाजी महाराज अभियांत्रिकीत गुगल सर्टिफिकेट शिष्यवृत्ती विषयाचे व्याख्यान



#### नगर स्वतंत्र / अहमद्नगर

दि.२४ - जिल्हा मराठा विद्या प्रसारक समाजाच्या श्री छत्रपती शिवाजी महाराज अभियांत्रिकी महाविद्यालय नेप्ती, अहमदनगर येथील सिव्हिल इंजिनिअरींग विभागाच्या वतीने दि. ०४ ऑगस्ट रोजी गुगल सर्टिफिकेट शिष्यवृत्ती या विषयावर व्याख्यान सादर झाले. सदर व्याख्यानासाठी श्री. उल्हास भाले यांनी आय.टी. क्षेत्रातील झपाटयाने होणा-या विकासावर लक्ष केंद्रित करण्या संदर्भात विद्यार्थ्यांशी सवाद साधला. मेकॅनिकल, आणि ई ण्ड टीसी सारख्या इतर शाखेतील करिअरमध्ये

संधी कशा मिळवता येतील यावर माहिती दिली. तसेच आय.टी. सपोर्ट, प्रोजेक्ट मॅनेजमेंट, यू. एक्स. डिझाईन, डेटा नालिटिक्स, आय. टी. ऑटोमेशन, डिजीटल मार्केटिंग आणि ई. कॉमर्स यासारख्या कोर्सेसचे गुगल सर्टिफिकेट कसे मिळवायचे ते देखील त्यांनी सांगितले. कार्यक्रमाचे मार्गदर्शन महाविद्यालयाचे प्राचार्य डॉ. वाय. आर. खर्डे यांनी केले. शिष्यवृत्तीचा जास्तीत जास्त विद्यार्थ्यांनी लाभ घ्यावा असे आवाहन केले. नियोजन सर्व विभागप्रमुख व विभागातील सर्व शिक्षक व शिक्षकेतर कर्मचा-यांनी केले



श्री छत्रपती अभियांत्रिकीत तिरंगा रॅली

महाविद्यालयाने नेप्तीत तिरंगा

# ्रासार

### छत्रपती अभियांत्रिकीत अभियंता दिन साजरा



(प्रतिनधी) - स्वातंत्र्य दिनाच्या अमृतमहोत्सर्वातगंत जिल्हा मराठाचे श्री छत्रपती शिवाजी महाराज अधियांत्रीकी

अभियंता देशाच्या विकासप्रक्रियेमधील महत्त्वाचा घटक आहे. समाजभान असणारा कीशल्यपर्ण अभियंता देशाच्या विकासाला अधिक बळकटी देतो, असे मत माजी सभापती राहुल झावरे यांनी व्यक्त केले.

छत्रपती अभियांत्रिकी महाविद्यालयात आयोजित अभियंता दिन निमित्त कार्यक्रमात झावरे बोलत होते. यावेळी कॉम्पटन ग्रीव्हसचे सरव्यवस्थापक , प्रशांत म्धळवाडकर, क्लासिक विल्सचे सख्यवस्थापक एआज सय्यद, उपस्थित होते.

झावरे म्हणाले की, कौशल्य

अनुभव अभियंत्यांच्या क्षेत्रात अतिशय गरजेचे असून, त्याचा उपयोग या गुणांना धारण करणारे अभियंत्यांनाच आज आणि भविष्यात मागणी आहे. मेहनत आणि कल्पक्तेम्ळेच विश्व इतके आध्निक आणि प्रगत होऊ शकले व्यवसायिक शिक्षण पदती व उद्योग क्षेत्रांतीले प्राविण्यामधील दरी विशद केली

प्राचार्य वाय, आर. खाँडे यांनी अधिकाधिक विद्यार्थ्यांनी 31911 कार्यक्रमाद्वारे गुणवत्ता वाढवावी, असे आवाहन केले. सूत्रसंचालन प्रा. अक्षय देखणे व प्रा. सिसोदिया यांनी केले. आभार प्रा. दिगंबर देसले यांनी मानले.

## छत्रपती शिवाजी महाराज अभियांत्रिकी महाविद्यालयाच्या ११ विद्यार्थ्यांची कॅम्पस मुलाखतीद्वारे निवड

ा मेकॅनिकल विभागातील अंतिम करण्यात आली. ्या विद्यार्थ्यांसाठी कॅम्पस मुलाखतीचे

नगर - अहमदनगर जिल्हा सी.एन.सी. विभागप्रमुख एकनाथ असणाऱ्या विद्यार्थ्यासाठी इंटर्निशिय ए.बी. काळे यांचे मार्गदर्शन लाभले. 🖫 विद्या प्रसारक समाजाच्या श्री वाघ, एव. आर. एक्झिक्यूटिव्ह प्रियंका टेर्निंग देखील देश्यात येणार आहे असे

एपिटोम कम्पोनटस प्रा. लि.

यांनी परिश्रम घेतले.

अहमदनगर जिल्हा मराठा विद्या ाती शिवाजी महाराज अभियांत्रिकी नलगे उपस्थित होते. विद्यार्थ्यांना प्रथम कंपनीचे प्रोडक्शन विभागप्रमुख अतल प्रसारक समाजाचे अध्यक्ष नंदकमार बेद्यालयामध्ये नकतेच एपिटोम प्रझेंटेशनदारे कंपनीची माहिती देख्यात धर्माधिकारी यांनी सांगितले. यासाठी झावरे पाटील, उपाध्यक्ष रामचंद्र दरे, निद्स प्रा. लि. या कंपनीदारे आली. तांत्रिक आणि व्यक्तिगत मुलाखती हेर्निंग व प्लेसमेंटचे विभागीय समन्वयक सचिव जी. डी. खानदेशे, सहसचिव ्रॉनिक्स ऑण्ड टेलिकम्युनिकेशन घेऊन कंपनीतर्फे ११ विद्यार्थ्याची निवड प्रा.जी. बी. साळ्के व प्रा. ए. आर. माने ऑड. विश्वासराव आउरे व खाजिनदार हों. विवेक भापकर तसेव सर्व विश्वस्त

विद्यार्थ्यांना प्राचार्य जी. ही. व पदाधिकारी यांनी महाविद्यालयाच्या जिन करण्यात आले होते. या या कंपनीदारे इलेक्ट्रॉनिक्स ऑप्ड खानदेशे, प्रबंधक आर. के. सातपूर्व, या यशबद्दल निवह झालेल्या विद्यार्थ्याचे बती घेण्यासाठी कंपनीचे प्रोडक्शन टेलिकस्युनिकेशन आणि मॅकॅनिकल ट्रेनिंग ॲण्ड प्लेसमेंट अधिकारी प्रा. एस. व महाविद्यालयातील विभागप्रमुख व गप्रमुख अतुल धर्माधिकारी, विभागातील अंतिम वर्षामध्ये शिकत एम. वाळके, मेकॅनिकल विभागप्रमुख प्रा. प्राध्यापकांचे अभिनंदन केले.

### श्री छत्रपती अभियांत्रिकी महाविद्यालयात आंतरराष्ट्रीय योग दिन साजरा

नगरी दवंडी/प्रतिनिधी अहमदनगर : मानवतेसाठी योग ही संकल्पना आंतरराष्ट्रीय दिनाच्या निमित्ताने विद्यार्थी व सेवक वर्गापढे ठेवन नेप्ती, येथील श्री छत्रपती शिवाजी महाराज अभियांत्रिकी महाविद्यालयातील विद्यार्थीनी संस्थेचे सचिव व महाविद्यालयाचे प्राचार्य जी.डी.खानदेशे साहेब प्रबंधक आर.के.सातपते सर यांच्या मार्गदर्शनाखाली योग व पाणायमाची पात्यक्षिके केलीच, परंतु मानवतेसाठी योग तमेच उत्तम आरोग्य व मन एकाग्रतेसाठी योगा करण्याची प्रतीजा घेतली.

(केडगांव) अहमदनगर येथील जेष्ठ योग शिक्षक आदी शंकाराचार्य याचेद्वारा परंपरेचे वंशज ध्यानयोगी श्री.सुनिल गिरी गोस्वामी यांनी शिक्षक सेवक वर्ग, विद्यार्थी स्वयं:स्पृतीने भाग घेतला.



योगाभ्यासाचे याना धडे दिले. यांनी विज्ञान व सद्यस्थितीत असलेल्या जीवनशैली आणि युगीन परंपरा यांच्यामधील साम्यत्व भिन्नता कीती व कशी आहे याचे वर्णन विशद केले. याचबरोबर सर्व आसने व प्राणायम शास्त्रशुद्ध पध्दुतीने करून दाखवले व विद्यार्थी

भसरिका प्राणायाम, चक्रासन, पदमासन, भुजंगासन, ताडासन वृक्षासन, सुर्यनमस्कार इ. अनेक आसने या वेळी करण्यात आली.

कार्यक्रमाचे सुत्रसंचालन प्रा.अविनाश हंडाळ यांनी केले. तर कार्यक्रमाचे प्रास्तविक प्रा.डॉ.एम.के.भोसले केले. तसेच उपस्थितांमध्ये सर्व विभागाचे विभाग प्रमुख हजर व विद्यार्थींनी यांनी यात होते तर प्रा.वाय.ए.सिसोदिया

यांनी आभार Page No. 090

# College At a Glance ...





















# College Features ...

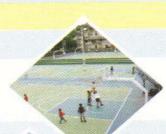
- Naac B+ Accredited College
- Iso Certified Institution
- Highly Qualified Faculties
- 100% Syllabus Completion
- Training And Placement Cell
- 100% Placement Assistance
- Workshops & Expert Lectures
- Well Equiped Laboratories
- Internships For All Students
- National Excellence Award 2019
- Industrial Visits
- Digital Library
- "Let Us Learn" Sanstha Scholarships For Needy Students
- 'Earn & Learn Scheme'
- Active Participation In NSS Activities



- Free Wifi Campus
- Bus Facilities For Girls/boys
- Hostel Facilities For Girls/boys
- Indoor/outdoor Games
- Gymkhana, Green & Clean Campus
- Reading Hall
- Smart Erp System
- Mentoring Facility













# एक परिपूर्ण इंजिनिअरींग कॉलेज.....



आम्ही लावतो सवय..... जिंकण्याची व यशस्वी होण्याची....

केवळ इंजिनिअरिंगचा अभ्यास आमच्या विद्यार्थ्याकडून करुन घेणे हे आमचे उद्दिष्ट नसून आम्ही त्यांना सवय लावतो जीवनात यशस्वी होण्याची...जिंकण्याची....

विद्यार्थ्यामध्ये दडलेल्या सुक्ष्म क्षमतांच्या बीजांचे वटवृक्षात रुपांतर करणे हेच आमचे खरे काम आहे. आम्ही हाती घेतलेले उपक्रमच त्याची साक्ष देतात......

विद्यार्थ्याचे विविध
स्पर्धामधील यश,
इंडस्ट्रियल व्हिजिटस्,
व्यक्तिमत्व विकास शिबिर, सेमिनार,
योगाभ्यास वर्ग,
स्मार्ट पेरेंटिग वर्कशॉप
राष्ट्रीय स्तरावरील चर्चासत्रे,
पतंग महोत्सव,
आजी आजोबा दिवस, इंद्रधनु.....









Ahmednagar Jilha Maratha Vidya Prasarak Samaj's

### Shri Chhatrapati Shivaji Maharaj College of Engineering, Ahmednagar

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