# CRITERION – 1
# CURRICULAR ASPECTS

## KEY INDICATOR – 1.3
## CURRICULUM ENRICHMENT

# METRIC NO. – 1.3.1

**Shri Sant Gajanan Maharaj College of Engineering, Shegaon**

**Self-Study Report Cycle - III**

SHRI GAJANAN SHIKSHAN SANSTHA'S
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING,
SHEGAON – 444203, DIST. BULDHANA (MAHARASHTRA STATE), INDIA
* Recognized by A.I.C.T.E., New Delhi,* Affiliated to Sant Gadge Baba Amravati University, Amravati &
*Approved by the D.T.E., M.S. Mumbai
ESTD.1983

Ph.Nos : 8669638081 / 8669638082
Website : www.ssgmce.ac.in
Email- principal@ssgmce.ac.in
registrar@ssgmce.ac.in

Date : 04-03-2024

# Declaration

This is to declare that the information, reports, true copies and numerical data etc, furnished in this file as supporting documents is verified by IQAC and found correct.

Hence this certificate.

Dr. A. U. Jawadekar
IQAC Coordinator

Dr. S. B. Somani
PRINCIPAL
Shri Sant Gajanan Maharaj
College of Engineering,Shegaon.

Shri Sant Gajanan Maharaj College of Engineering
SHEGAON
444 203

Shri Gajanan Shikshan Sanstha's
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING**
**SHEGAON – 444203, DIST. BULDHANA (MAHARASHTRA STATE), INDIA**
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Website- www.ssgmce.ac.in
Email:principal@ssgmce.ac.in,
registrar@ssgmce.ac.in

## *1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum*

| Sr. No. | Particular | Evidence |
|---|---|---|
| 1 | List of Courses addressing Cross Cutting Issues | Click Here |
| 2 | Course Syllabus | Click Here |
| 3 | Activities conducted | Click Here |

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registrar@ssgmce.ac.in

## List of Courses Addressing Cross Cuttingissues

| Sr. No. | Name of the Course | Course Code | Issues Addressed |
|---|---|---|---|
| 1 | Environmental Studies | 4ES06 | Environment |
| 2 | Energy Resources and Generation | 3EP04 | Environment |
| 3 | Energy Audit and Management | 5FEEPO5 | Environment |
| 4 | Non-Conventional energy Sources | 6ME04 | Environment |
| 5 | Energy Conservation and Management | 8ME03 | Environment |
| 3 | Renewable energy Technologies | 6ME05 | Environment |
| 6 | Power Plant Engineering | 5FEEP05 | Environment |
| 7 | Values & Ethics | (4ETC05) | Professional Ethics |
| 8 | Professional Ethics | 6KS06 | Professional Ethics |
| 9 | Professional Ethics & Management | (8KS02/8KE02) | Professional Ethics |
| 10 | Social Sciences and Engineering Economics | 7KS01/7KE01 | Human Values |
| 11 | Information Security System | 5IT04 | Professional Ethics |
| 12 | Cyber Law and Ethics | 5IT05 | Gender |
| 13 | Business Ethics | (MBA106 | Professional Ethics |
| 14 | Communication Skills | 6ME06 | Ethics, Human values |
| 15 | Project and Seminar | | Professional Ethics |
| 16 | Organizational Behavior and Effectiveness | (MBA 105) | Ethics, Human values |

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College of Engineering,Shegaon.

SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
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EST.1983

# END OF POINT

# SANT GADGE BABA AMRAVATI UNIVERSITY GAZETTE

Official Publication of Sant Gadge Baba Amravati University

PART- TWO

( Extra-Ordinary )

Saturday, the 31st August, 2019


**NOTIFICATION**

No. 111 /2019 Date : 31/08/2019

**Subject :- Implementation of new syllabi of Semester I & II of B.E./B.Text. E. /B.Tech. (Chem. Engg.)/ B.Tech.(Chem.Tech.) Polymer(Plastic) Tech. for the session 2019-2020 as per A.I.C.T.E. Model Curriculum.**

It is notified for general information of all concerned that the authorities of the University have accepted to implement the new syllabi as per A.I.C.T.E. Model Curriculum of Semester I & II (Group A & B)of B.E./B.Text.E./ B.Tech.(Chem. Engg.)/ B.Tech. (Chem.Tech.) Polymer(Plastic)Tech. from the academic session 2019-2020 and onwards in phase wise manner as per **Appendix – A** :

Moreover, It is notified for general information of all concerned that the authorities of the University have accepted Induction Program as per A.I.C.T.E. Guidelines for Semester I as per **Appendix – B.**

Sd/-
(Dr.T.R.Deshmukh)
Registrar
Sant Gadge Baba Amravati University

**Appendix – A**

**Reference Books:**


1. Stephen D. Umans, ñFitzgerald and Kingsleyôs Electric Machineryò, 7th Edition, McGraw Hill Publication, 2020.
2. M. G. Say, ñPerformance and design of AC machinesò, CBS Publishers, 2002.
3. P. S. Bimbhra, ñElectrical Machineryò, Khanna Publishers, 2011.
4. C L Dawes, ñA Course in Electrical Engineering (Volume -2)ò, McGraw Hill Publication.


### 5EP04 Professional Elective-I SIGNALS AND SYSTEMS

**Course Outcomes :**

After completing this course student will be able to

1. Demonstrate knowledge of continuous-time and discrete-time signals and systems.
2. Analyze the continuous-time systems using continuous Time Fourier transform.
3. Explain the concept of sampling, Sampling Theorem, aliasing and the Nyquist rate.
4. Analyze DT systems & their realization using Z-transforms.
5. Analyze the discrete time systems using DTFT and DFT

**Unit I: Introduction to Signals and Systems:** Classification of Signals Classification of Systems, Systems Modeling Some Ideal Signals, Energy and Power Signals Frequency Response, Discrimination of Continuous-Time Signals Topological Models, Analysis of Continuous-Time Systems Properties of Elementary Signals Linear Convolution Integral, Response of Continuous-Time Systems

**Unit II: Fourier Transform** Properties of Fourier Transform, Tables of Fourier Transform Pairs Fourier Transform of Periodic Signals, Ideal Low-Pass Filter Frequency-Domain Analysis of Systems Fourier analysis of Sampled Signals

**Unit III: Analysis of LTI Discrete-Time Systems:** Time Domain and Frequency Domain, Properties of Discrete-Time Sequences Linear Convolution, Discrete-Time System Response.

**Unit IV: Sampling**: Representation of continuous time signals by its samples, reconstruction of a signal from its samples, aliasing, discrete time processing of continuous time signals, sampling of discrete time signals

**Unit V: Z- Transform**: Z- transform, the region of convergence for the z-transform, Inverse z- transform, properties of Z transform, analysis and characterization of LTI systems using z transforms, System function algebra and block diagram representations, the unilateral z ï transform.

**Unit VI: Discrete Fourier Transform and Fast Fourier Transform** Representation of Discrete-Time aperiodic signals and the Discrete-Time Fourier Transform; Fourier Transform for Periodic Signals; Properties of the Discrete-Time Fourier Transform; Discrete-Time LTI Systems and Discrete-Time Fourier Transform. Fast Fourier Transform (FFT)

**Text Books:**


1. Alan Oppenheim &Alan Willsky ,"Signals and Systems" Prentice Hall India Learning Private Limited; 2nd edition
2. P. Ramesh Babu R. Ananda Natarajan "Signals and Systems." Scitech Publications


**Reference Books:**


1. Fred Taylor,Principles of Signals and Systems ñTata McGraw-Hill, 1998, New Delhi
2. Nagrath, Sharan, Ranjan Rakesh and Kumar Sukhbinderò Signals and Systemsò Tata McGraw-Hill, 1998, New Delhi.
3. S Haykin and B Van Veen, ñSignals and Systems ñJohn wiley & sons


### 5EP04 Professional Elective - I
### 2. NETWORK ANALYSIS AND SYNTHESIS

**Course Outcomes :**

After completing this course student will be able to

1. Analyze the transient response of series and parallel A.C. circuits
2. Demonstrate the properties of network functions.
3. Demonstrate the properties of positive Real Functions
4. Synthesize driving point functions of RL, RC and RLC
5. Synthesize two port network functions
6. Design passive filters to meet desired specifications

**Unit I: Transient Analysis**:

Transient response of RC, RL and RLC circuit to various excitation signals such as step, ramp, impulse and sinusoidal signals.Network solution with Laplace transformation, initial and final value theorem and convolution integral.

**Unit II**: **Network Functions:**

Network Functionsfor one port & two-port networks, poles and zeroes of network functions. Restrictions on poles and zeroes locations for driving point functions and transfer functions. Time domain behavior of electrical network from the pole- zeroes plot.

**Unit V: Power distribution system**:
Primary and secondary distribution, types of conductors in Distribution system. Connection Scheme: radial, parallel, ring main, comparison of distribution systems

**Unit VI: Electrical wiring and installation**:
Domestic, commercial and industrial wiring, main, sub-main and sub-circuit wiring.Types and need of Earthing.Fuse and disconnecting devices. Electrical Safety precautions.

**Text Books :**
1] Principles of Power System, by V K Metha and RohitMetha, S Chand Publication
2] Generation of Electrical Energy, by B R Gupta, S Chand Publication

**Reference Books :**
1] A Course in Power System J B Gupta, S Chand Publication
2] Elements of Electrical Power Station Design, by M. V. Deshpande, Wheeler publications
3] Electrical Installation Estimating & Costing by J. B. Gupta
4] Transmission & Distribution by H. Cotton.

## 5FEEP05 Open Elective – I
## 3. POWER PLANT ENGINEERING

**Course Outcomes: -**

1) Describe different Sources of Energy Generation
2) Explain the Working and layout of steam power plant & hydro power plant.
3) Discuss the working principle and basic component of Nuclear, Diesel & gas power plant
4) Illustrate various terms related to power plant economics & tariff.

**Unit-I: Introduction:**
Energy resources and their availability, types of power plants, selection of the plants, Introduction to basic thermodynamic cycles used in power plants, Conventional and non-conventional energy sources, Indian Energy Scenario.

**Unit-II: Hydro Electric Power Plant:**

Rainfall and run-off measurements and plotting of various curves for estimating stream flow and size of reservoir, Layout of Hydro power plant, operation of different components of hydro-electric power plant , classification of hydro Electric power plant, Pump Storage Plant, site selection, advantages & disadvantages

**Unit-III: Steam Power Plants:**

Flow sheet and working of modern-thermal power plants, super critical pressure steam stations, Layout of Thermal power plant , Site selection, coal storage, coal handling systems, ash handling systems, working of various parts: Economizer, air preheater, condenser, cooling tower, Electrostatic Precipitator, advantages & disadvantages

**Unit-IV: Nuclear Power Plants:**

Basics of Nuclear Engineering, Layout and subsystems of Nuclear Power Plants, Working of Nuclear Reactors : Boiling Water Reactor (BWR), Pressurized Water Reactor (PWR), CANada Deuterium- Uranium reactor (CANDU) fast breeder reactor, Gas Cooled and Liquid Metal Cooled Reactors. Safety measures for Nuclear Power plants.

**Unit-V: Diesel & Gas power plant:**

Layout of Diesel power plant, functions of different components of diesel plant, advantages & disadvantages, Principle of Operation of Gas Turbine Plants, Open cycle gas turbine plant, closed cycle gas power plant, Combined gas and steam cycle.

**Unit-VI: Power Plant Economics:**

Load curve, energy load curve, energy duration curve, connected load, maximum demand, demand factor, load factor, diversity factors, plant capacity and utilization factor, types of loads, operating cost, annual plant cost, Generation cost, Depreciation, Objectives of Tariff, Types of Tariff.

**Text Books:**

1. Generation of electrical energy by B.R.Gupta, Eurasia Publishing House, New Delhi.
2. Power Plant Engineeirng; R. K. Rajput ; Laxmi Publications.

**Reference Books:**
1. Non conventional energy resources. By G.D.Rai, Khanna Publishers New Delhi
2. Principles of Power System by V.K.Mehta, S.Chand publication.
3. Conventional energy technology by S.B.Pandya, Tata McGraw Hill Publication.
4. Power Plant Engineeirng. P. K. Nag.

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Website : www.ssgmce.ac.in

**(1.3.1) Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum**

| Year of offering | Course Code | Name of Subject | Description |
|---|---|---|---|
| 2016-17<br>2017-18 | 3ET6 | Environmental Science | Environmental Engineering deals with the development and enhancement of infrastructure that prevents the contamination and degradation of natural resources, like air, water, land, etc |
| 2018-19<br>2019-20<br>2020-21<br>2021-22<br>2022-23 | 4ES06 | Environmental Science | |
| 2020-21<br>2021-22<br>2022-23 | 4ETC05 | Values and Ethics | Engineering has a direct and vital impact on the quality of life for all people. Accordingly, the services provided by engineers require honesty, impartiality, fairness, and equity, and must be dedicated to the protection of the public health, safety, and welfare. |

**Description:-**

**Values and Ethics:-** Engineering has a direct and vital impact on the quality of life for all people. Accordingly, the services provided by engineers require honesty, impartiality, fairness, and equity, and must be dedicated to the protection of the public health, safety, and welfare.Studying ethics allows engineers to better understand what kind of behavior is expected from them and their duties towards their profession, clients, and the public. It also prepares engineers for possible ethical issues that they might face during their careers and gives them an idea for dealing with those issues.

**Environmental Science:-** Environmental Engineering deals with the development and enhancement of infrastructure that prevents the contamination and degradation of natural resources, like air, water, land, etc. Environmental engineering is a subfield of engineering that is concerned with the protection and preservation of the environment and environmental

Mr.S.G.Nemane / Mrs. A. A. Deshmukh
Prepared By

S.S.G.M.C.E. SHEGAON

Dr. M. N. Tibdewal
HoD, EXTC
27/10/23

Four Year Degree Course in Bachelor of Engineering Branch: **ELECTRONICS & TELECOMMUNICATION ENGINEERING**
Semester Pattern (Choice Based Credit Grade System)

**SEMESTER : THIRD**

| Sr. No. | Subject Code | Subject | TEACHING SCHEME | | | | | EXAMINATION SCHEME | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | HOURS / WEEK | | | Total HOURS/WEEK | CREDITS | THEORY | | | | | PRACTICAL | | | |
| | | | Lecture | Tutorial | P/D | | | Duration Of Paper (Hr.) | Max. Marks Theory Paper | Internal Marks | Total | Min. Passing Marks | Max. Marks | | Total | Min. Passing Marks |
| | | | | | | | | | | | | | Int. | Ext. | | |
| **THEORY** | | | | | | | | | | | | | | | | |
| 01 | 3ETC01 | Engineering Mathematics-III | 4 | -- | -- | 4 | 4 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 02 | 3ETC02 | Electronic Devices & Circuits | 3 | -- | -- | 3 | 3 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 03 | 3ETC03 | Digital System Design | 3 | -- | -- | 3 | 3 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 04 | 3ETC04 | Electromagnetic Waves | 3 | -- | -- | 3 | 3 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 05 | 3ETC05 | Object Oriented Programming (ES) | 3 | -- | -- | 3 | 3 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 06 | 4ES06 | **Environmental Science (Mandatory Course) | 2 | -- | -- | 2 | 0 | -- | -- | -- | -- | -- | - | - | - | - |
| **PRACTICALS / DRAWING / DESIGN** | | | | | | | | | | | | | | | | |
| 07 | 3ETC06 | Electronic Devices and Circuits Lab | -- | -- | 2 | 2 | 1 | -- | -- | -- | -- | -- | 25 | 25 | 50 | 25 |
| 08 | 3ETC07 | Digital System Design | -- | -- | 2 | 2 | 1 | -- | -- | -- | -- | -- | 25 | 25 | 50 | 25 |
| 09 | 3ETC08 | Object Oriented Programming Lab | -- | -- | 2 | 2 | 1 | -- | -- | -- | -- | -- | 25 | 25 | 50 | 25 |
| 10 | 3ETC09 | Electronic Workshop | -- | -- | 2 | 2 | 1 | -- | -- | -- | -- | -- | 25 | 25 | 50 | 25 |
| | | **Total** | **18** | **0** | **8** | **26** | **20** | -- | -- | -- | **500** | -- | -- | -- | **200** | -- |
| | | | | | | | | | | | | | | **Total** | **700** | |

**Note: **The Examination of Mandatory Subject Environmental Science shall be conducted in IV Semester.**

| SEMESTER : FOURTH | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sr. No. | Subject Code | Subject | TEACHING SCHEME | | | | | EXAMINATION SCHEME | | | | | | | | | |
| | | | HOURS / WEEK | | | Total HOURS/WEEK | CREDITS | THEORY | | | | | PRACTICAL | | | | |
| | | | Lecture | Tutorial | P/D | | | Duration Of Paper (Hr.) | Max. Marks Theory Paper | Internal Marks | Total | Min. Passing Marks | Max. Marks Int. | Max. Marks Ext. | Total | Min. Passing Marks |
| **THEORY** | | | | | | | | | | | | | | | | | |
| 01 | 4ETC01 | Analog and Digital Communication | 3 | -- | -- | 3 | 3 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 02 | 4ETC02 | Analog Circuits | 3 | -- | -- | 3 | 3 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 03 | 4ETC03 | Network Theory | 4 | -- | -- | 4 | 4 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 04 | 4ETC04 | Signals and Systems | 3 | -- | -- | 3 | 3 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 05 | 4ETC05 | Values and Ethics (HS) | 3 | -- | -- | 3 | 3 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 06 | 4ES06 | **Environmental Science (Mandatory Course) | 2 | -- | -- | 2 | 2 | 3 | 80 | 20 | 100 | 40 | - | - | - | - |
| **PRACTICALS / DRAWING / DESIGN** | | | | | | | | | | | | | | | | | |
| 07 | 4ETC06 | Analog and Digital Communication Lab | -- | -- | 2 | 2 | 1 | -- | -- | -- | -- | -- | 25 | 25 | 50 | 25 |
| 08 | 4ETC07 | Analog Circuits Lab | -- | -- | 2 | 2 | 1 | -- | -- | -- | -- | -- | 25 | 25 | 50 | 25 |
| 09 | 4ETC08 | Network Theory Lab | -- | -- | 2 | 2 | 1 | -- | -- | -- | -- | -- | 25 | 25 | 50 | 25 |
| 10 | 4ETC09 | Signals & Systems Lab | -- | -- | 2 | 2 | 1 | -- | -- | -- | -- | -- | 25 | 25 | 50 | 25 |
| | | **Total** | **18** | **0** | **8** | **26** | **22** | -- | -- | -- | **500** | -- | -- | -- | **200** | -- |
| | | | | | | | | | | | | | | **Total** | **700** | |

**Note: **The Examination of Mandatory Subject Environmental Science shall be conducted in IV Semester.**

## 27. ENVIRONMENTAL STUDIES

**Total Marks : 100**

**PART-A**

**SHORT ANSWER PATTERN** **25 Marks**

**1. The Multidisciplinary nature of environmental studies**

. Definition, scope and importance.
. Need for public awareness.

(2 lecture hours)

**2. Social Issues and the Environment**

. From Unsustainable to Sustainable development
. Urban problems related to energy
. Water conservation, rain water harvesting, watershed management
. Resettlement and rehabilitation of people; its problems and concerns. Case studies.
. Envionmental ethics : Issues and possible solutions.
. Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust. Case studies.
. Wasteland reclamation.
. Consumerism and waste products.
. Environment Protection Act.
. Air (Prevention and Control of Pollution) Act.
. Water (Prevention and Control of Pollution) Act.
. Wildlife Protection Act.
. Forest Conservation Act.
. Issues involved in enforcement of environmental lesislation.
. Public awareness. (7 lecture hours)

**3. Human Population and the Environment**

. Population growth, variation among nations.
. Population explosion - Family Welfare Programme.
. Environment and human health.
. Human Rights.
. Value Education.
. HIV / AIDS.
. Women and Child Welfare.
. Role of Information Technology in Environment and human health.
. Case Studies. (6 lecture hours)

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**PART-B**

**ESSAY TYPE WITH INBUILT CHOICE** **50 Marks**

**4. Natural resources :**

. **Renewable and non-renewable resources :**

. Natural resources and associated problems.

- Forest resources : Use and over exploitation, deforestation, case studies. Timber extraction, mining, dams and their effects on forests and tribal people.
- Water resources : Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems.
- Mineral resources : Use and exploitation, environmental effects of extracting and using mineral resources, case studies.
- Food resources : World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer - pesticide problems, water logging, salinity, case studies.
- Energy resources : Growing energy needs, renewable and non renewable energy sources, use of alternate energy sources, Case studies.
- Land resources : Land as a resource, land degradation, man induced landslides, soil erosion and desertification.

. Role of an individual in conservation of natural resources.

. Equitable use of resources for sustainable lifestyles.

(8 lecture hours)

**5. Ecosystems**

. Concept of an ecosystem.

. Structure and function of an ecosystem.

. Producers, consumers and decomposers.

. Energy flow in the ecosystem.

. Ecological succession.

. Food chains, food webs and ecological pyramids.

. Introduction, types, characteristic features, structure and function of the following ecosystem :-

- Forest ecosystem
- Grassland ecosystem
- Desert ecosystem
- Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)

(6 lecture hours)



**6. Biodiversity and its conservation**

. Introduction - Definition : genetic, species and ecosystem diversity.

. Biogeographical classification of India.

. Value of biodiversity : consumptive use, productive use, social, ethical, aesthetic and option values.

. Biodiversity at global, National and local levels.

. India as a mega-diversity nation.

. Hot-spots of biodiversity.

. Threats to biodiversity : habitat loss, poaching of wildlife, man-wildlife conflicts.

. Endangered and endemic species of India.

. Conservation of biodiversity : In-situ and Ex-situ conservation of biodiversity.

(8 lecture hours)

**7. Environmental Pollution**

. Definition

. Causes, effects and control measures of :-

- Air pollution
- Water pollution
- Soil pollution
- Marine pollution
- Noise pollution
- Thermal pollution
- Nuclear hazards

. Solid Waste Management : Causes, effects and control measures of

. Role of an individual in prevention of pollution.

. Pollution case studies.

. Diaster management : floods, earthquake, cyclone and landslides.

(8 lecture hours)

**PART-C**

**ESSAY ON FIELD WORK** **25 Marks**

**8. Field work**

. Visit to a local area to document environmental assets - river / forest / grass land / hill / mountain

. Visit to a local polluted site - Urban / Rural / Industrial / Agricultural

. Study of common plants, insects, birds.

. Study of simple ecosystems - pond, river, hill slopes, etc.

(5 lecture hours)

(**Notes :** i) Contents of the syllabys mentioned under paras 1 to 8 shall be for teaching for the examination based on Annual Pattern.

ii) Contents of the syllabys mentioned under paras 1 to 4 shall be for teaching to the Semester commencing first, and

iii) Contents of the syllabys mentioned under paras 5 to 8 shall be for teaching to the Semester commencing later.

**LIST OF REFERENCES :-**


1) Agarwal, K.C., 2001, Environmental Biology, Nidi Publ. Ltd., Bikaner.
2) Bharucha Erach, The Biodiversity of India, Mapin Publishing Pvt. Ltd., Ahmedabad - 380 013, India, Email : mapin@icenet.net **(R)**
3) Brunner R.C., 1989, Hazardous Waste Incineration, McGraw Hill Inc. 480p.
4) Clark R.S., Marine Pollution, Clanderson Press Oxford **(TB)**
5) Cunningham, W.P.Cooper, T.H.Gorhani, E & Hepworth, M.T., 2001, Environmental Encyclopedia, Jaico Publ. House, Mumbai, 1196p.
6) De A.K., Environmental Chemistry, Wiley Eastern Ltd.
7) Down to Earth, Certre for Science and Environment **(R)**
8) Gleick, H.P. 1993, Water in Crisis, Pacific Institute for Studies in Dev., Environment & Security. Stockholm Env. Institute, Oxford Univ. Press. 473p.
9) Hawkins R.E., Encyclopedia of Indian Natural History, Bombay Natural Histroy Society, Mumbai **(R)**
10) Heywood, V.H. & Watson, R.T. 1995, Global Biodiversity Assessment, Ca mbridge Univ. Press 1140p
11) Jadhav, H & Bhosale, V.M. 1995, Environmental Protection and Laws, Himalaya Pub. House, Delhi. 284 p.
12) Mckinney, M.L. & Schoch, R.M. 1996, Environmental Science Systems & Solutions, Web Enhanced Edition. 639 p.
13) Mhaskar A.K., Matter Hazardous, Techno-Science Publications **(TB)**
14) Miller T.G.. Jr., Environmental Science, Wadsworth Publishing Co. **(TB)**
15) Odum, E.P., 1971, Fundamentals of Ecology, W.B.Saunders Co., U.S.A., 574p.
16) Rao M.N. & Datta A.K.,1987, Waste Water Treatment, Oxford & IBH Publ. Co. Pvt. Ltd. 345 p.
17) Sharma B.K., 2001, Environmental Chemistry, Goel Publ. House, Meerut.
18) Survey of the Environment, The Hindu **(M)**
19) Townsend C., Harper J., and Michael Begon, Essentials of Ecology, Blackwell Science **(TB)**





20) Dr. Deshpande A.P., Dr. Chudiwale A.D., Dr.Joshi P.P. & Dr. Lad A.B. : Environmental Studies, Pimpalapure & Company Pub., Nagpur.
21) डॉ. विठ्ठल घारपुरे : पर्यावरणशास्त्र, पिंपळापुरे ॲन्ड कंपनी पब्लिशर्स, नागपूर.
22) Trivedi R.K., Handbook of Environmental Laws, Rules, Guidelines, Compliances and Standards, Vol. I and II, Enviro Media **(R)**
23) Trivedi R.K. and P.K. Goel, Introduction to Air Pollution, Techno-Science Publications **(TB)**
24) Wagner K.D., 1998, Environmental Management, W.B.Saunders Co., Philadelphia, USA 499p.


**(M) Magazine**

**(R) Reference**

**(TB) Textbook**


25) Environmental Studies : R.Rajgopalan, Oxford Uni. Press, New Delhi, 2005
26) Environmental Chemistry and Pollution by Dr.N.W.Ingole, D.M.Dharmadhikari, Dr.S.J.Patil, Dasganu Prakashan, Nagpur.


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**%SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI**
**ORDINANCE NO. 42 OF 2005**

**Examination in Environmental Studies leading to Bachelor Degree, Ordinance, 2005**

Whereas it is expedient to frame an Ordinance relating to Examination in Environmental Studies leading to Bachelor Degree level, hereinafter appearing, the Management Council is hereby pleased to make the following Ordinance.

1. This Ordinance may be called "Examination in Environmental Studies leading to Bachelor Degree, Ordinance, 2005."

2. This Ordinance shall come into force from the Academic session 2005-06.

3. In this Ordinance and in other ordinances relating to the examination, unless there is anything repugnant in the subject or context :-

   (i) "Academic session" means a session commencing on such date and ending with such date of the year following as may be appointed by the Management Council.
   (ii) "Admission to an examination" means the issuance of an admission card to a candidate in token of his having complied with all the conditions laid down in the relevant ordinance, by a competant officer of the University.
   (iii) "Applicant" means a person who has submitted an application to the University in the form prescribed for admission to an examination.
   (iv) "Candidate" means a person who has been admitted to an examination by the University.
   (v) "Regular Candidate" means an applicant who has applied for admission to a Univeristy examination through an affiliated college, Department or Institute in which he/she has prosecuting a regular course of study.
   (vi) "Examinee" means a person who present himself/herself for an examination to which he/she has been admitted.
   (vii) "Examination" means an examination prescribed by the University under the relevant Ordinance.
   (viii) "External Candidate" means a candidate who is allowed to take a University examination in accordance with the provision of Original Ordinance No. 151.
   (ix) " Non-Collegiate Candidate" means a candidate who is not a collegiate candidate.

% Amended by Ordinance No. 7 of 2006, and 10 of 2007.



   (x) An "Ex-student" is a person who having once been admitted to an examination of this University, is again required to take the same examination by reason of his failure or absence thereat and shall include a student who may have joined a college, Department or Institute again in the same class.
   (xi) "Bachelor Degree Examination" means a examination leading to Bachelor Degree of the University.
   (xii) "Previous Year" means a year following by final year of Bachelor Degree.

4. Save as otherwise specifically provided, the conditions prescribed for admission to the examination under this Ordinance shall apply to all persons who wish to take the examination to the Degrees of the University mentioned in para 5 below.

5. The conditions prescribed for admission to examination under this Ordinance shall apply to following degrees of the University :-

   1) Bachelor of Arts
   2) Bachelor of Performing Arts
   3) Bachelor of Fine Arts
   4) Bachelor of Mass Communication
   5) Bachelor of Social Work
   6) Bachelor of Commerce
   7) Bachelor of Business Administration
   8) Bachelor of Science
   9) Bachelor of Computer Science
   10) Bachelor of Computer Applications
   11) Bachelor of Pharmacy
   12) Bachelor of Science (Home Science)
   13) Bachelor of Technology (Cosmetics)
   14) Bachelor of Engineering
   15) Bachelor of Engineering (Part Time) (Civil)
   16) Bachelor of Textile
   17) Bachelor of Technology (Chemical Technology)
   18) Bachelor of Technology (Chemical Engg.)
   19) Bachelor of Architecture, and
   20) Bachelor of Laws (Five Year Course)

6 i) Environmental Studies shall be a compulsory subject for a previous year examination of the following Bachelor Degrees of the University,

1) Bachelor of Arts

2) Bachelor of Performing Arts

3) Bachelor of Fine Arts

4) Bachelor of Mass Communication

5) Bachelor of Social Work

6) Bachelor of Commerce

7) Bachelor of Business Administration

8) Bachelor of Science

9) Bachelor of Computer Science

10) Bachelor of Computer Applications

11) Bachelor of Pharmacy

12) Bachelor of Science (Home Science)

13) Bachelor of Technology (Cosmetics)

14) Bachelor of Engineering (Part Time) (Civil)

ii) Environmental Studies shall be a compulsory subject for IIIrd & IVth Semester of the following Bachelor Degrees of the University,

1) Bachelor of Engineering

2) Bachelor of Textile

3) Bachelor of Technology (Chemical Technology)

4) Bachelor of Technology (Chemical Engineering)

5) Bachelor of Architecture, and

iii) Environmental Studies shall be a compulsory subject for Vth & VIth Semester of the Degree of Bachelor of Laws (Five Year Course)

iv) Students admitted to Second Year/Third Year/IVth Semester Vth Semester of various degree examination courses in different faculties n the academic session 2005-06 or thereafter shall have to appear for examination in the subject Environmental studies.

7. The main Examination leading to Environmental Studies shall be held in Summer and Supplementary examination in Winter every year, at such places and on such date as may be appointed by the Board of Examinations.
**Explanation** :- Examination shall be conducted on the basis of one common question paper for all Bachelor Degree examination courses irrespective of annual or semester pattern.



8. Scope of the subject for annual pattern examination and or semester pattern examination shall be as provided under the syllabus.

9. Common question paper for all courses covered under this Ordinance alongwith answer books shall be supplied by the University to the Colleges, Departments and Institutes for conducting the examination of the subject.

10. Valuation of the answer books relating to this subject shall be done at College/Department/Institution level only. Remuneration for valuation of answer books shall not be paid by the University.
Provided that prescribed evaluation fee for evaluation of each answer Book/s of an external examinee/s appeared from the examination centre shall be paid to each examination centre.

11. It shall be obligatory on the part of the College/Department/Institute to submit candidate wise following information to the University on or before the date as may be prescribed by the University :-

| Sr. No. | Grade/Category | Marks secured |
|---|---|---|
| 1. | "A" | - 60 and above |
| 2. | "B" | - 45 to 59 |
| 3. | "C" | - 35 to 44 |
| 4. | "D" | - 25 to 34 |
| 5. | "Fail" | - 24 and below |
| 6. | "Absent" | |

12. For the purposes of teaching, learing and examination, the Committee consisting of three teachers shall be appointed by the Principal/ Head of the Department/Head of the Institution under his/her Chairmanship/ Chairpersonship. While appointing three teachers on the said committee, the Principal shall take care that the teachers to be appointed on the committee, if necessary, shall be from different faculty.

13. i) Duration of theory examination of this subject shall be three hour.

ii) For all Bachelor Degree examinations, common question paper of 100 marks shall be provided by the University.

iii) Distribution of these 100 marks shall be as follows :-

| | | |
|---|---|---|
| a) Part-A, Short Answer Pattern | - | 25 Marks |
| b) Part-B, Essay type with inbuilt choice | - | 50 Marks |
| c) Part-C, Essay on Field Work | - | 25 Marks |

14. Medium of instruction shall be English or Marathi or Hindi. Question paper shall be supplied in English and Marathi and Hindi. A candidate shall have option to write answers in English or Marathi or Hindi.

15. Examination for the subject Environmental Studies shall be compulsory for external candidates appearing as a fresh candidate at Winter and/or Summer examination.

16. For teaching of the subject, there shall be atleast two hour per week.
For teaching the subject to the regular candidates, a full time approved teacher of the University and or a person having Postgraduate Degree in any faculty with second class shall be considered elligible.

17. For teaching of the subject, additional fee to be charged to regular candidate shall be as prescribed by the University.

18. Every College/University Teaching Department shall Charge addtional fee of Rs. 100/- to every student of the subject Environmental Studies. Out of this Rs.100/-, the College/University Teaching Department shall have to pay Rs.25/- to the University as an examination fee of each candidate for the subject Environmental Studies.

19. The Grade secured by an examinee in the examination of this subject shall not be considered for providing the facility of A.T.K.T. in next higher class.

20. The provisions of Ordinance No. 18/2001 shall not be applicable for securing a grade or higher grade in the examination of this subject.

21. Result of the Final Year of the respective Degree shall not be declared of an examinee unless he/she secures any one of the grade in the examination of subject.

    Provided an examinee admitted to Five Year LL.B. course desiring not to continue his/her education beyond Sixth Semester of the said course shall have to secure any one of the grade in the examination of the subject otherwise his/her result of Sixth Semester for awarding B.A. degree shall not be declared.

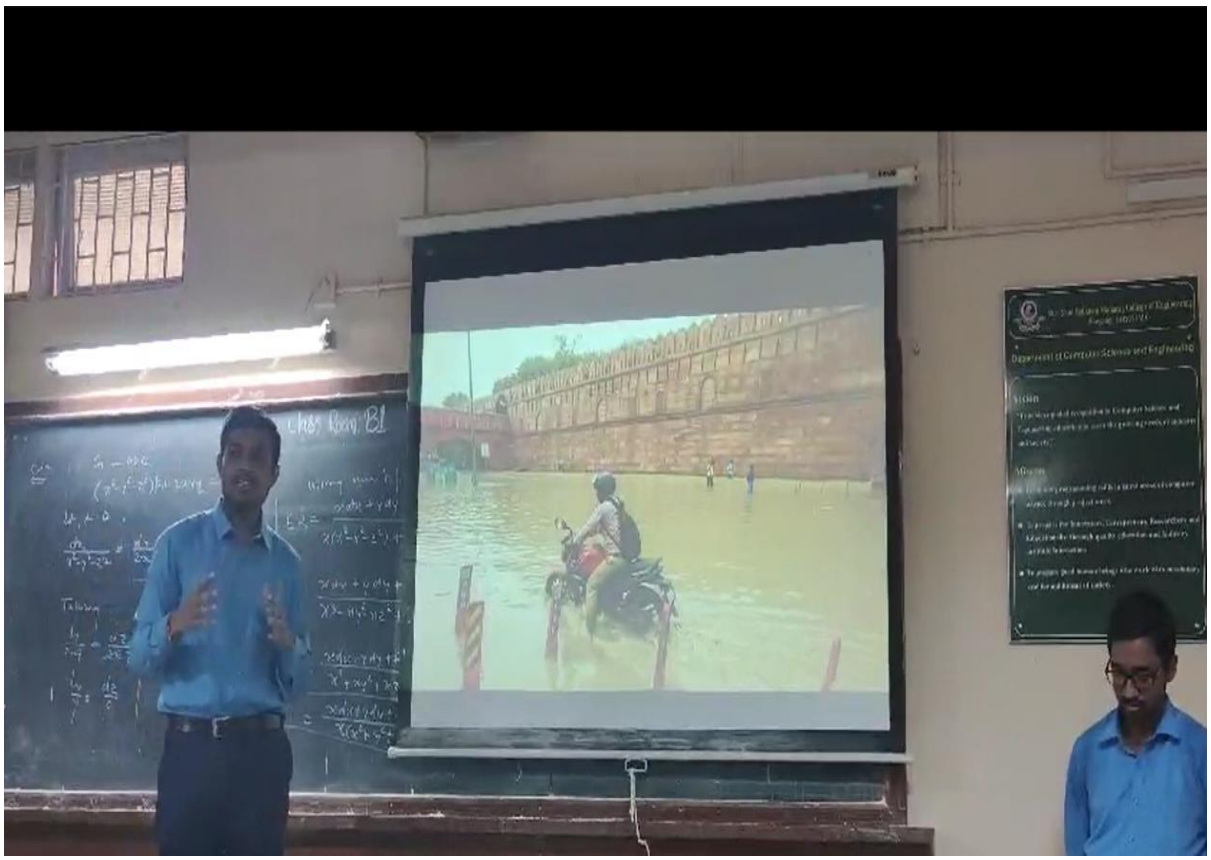
22. Certificates shall be issued, to the successful examinees in the subject Environmental Studies, after the examination.

*****

**Students' Presentation on Environmental Issues Due to Heavy Rains and Driving in Flooded Roads**:

When heavy rains occur, leading to the flooding of roads, several environmental issues arise. One major concern is the adverse impact on the environment caused by individuals driving vehicles through the flooded areas. Driving vehicles through flooded roads can result in the mixing of rainwater with pollutants present on the road surface, such as oil, grease, and debris. Students further explains environmental impact of this issue

Environmental Impact: This contaminated water is then carried into nearby water bodies, leading to water pollution. The pollutants can harm aquatic ecosystems and affect the quality of water sources.



Student's presentation on Environmental Issues

0138174

NO.-A.....

# SANT GADGE BABA AMRAVATI UNIVERSITY

## CERTIFICATE

Name of Examination FOUR YEAR B.E. SEMESTER : FOURTH COMPUTER SCIENCE & ENGINEERING (EVS)(CGS)Summer-2020

This certificate has been awarded to PRASAD UDAY JAWADEKAR

On successful completion of the examination in subject "Environmental Studies" for partial fulfillment for the award of Bachelor's Degree.

Roll No. : 70548 Grade : A

College Code : 0 312

Date : 16/08//2021

DIRECTOR
BOARD OF EXAMINATIONS AND EVALUATION
SANT GADGE BABA AMRAVATI UNIVERSITY

**4ETC09 – SIGNALS AND SYSTEMS - LAB**

**Course Requisite:**

4ETC04 Signals & Systems.

**Course Objectives:**

1. To use software to visualize analysis of Signals and System.
2. To manipulate the time signals and identify the type of given system.

**Course Outcomes:**

1. After successful completion of this course, students will be able to
2. Generate different plots and explore results to draw valid conclusions and inferences in Signal Processing.
3. Enable on how to approach for requirement of signal processing and system design using simulation tools.
4. Familiarize with the concepts of sampling.

**List of Experiments :**

| Experiment No. | Aim of Experiment |
|---|---|
| **Expt - 1** | Study of Signal Processing Functions used in MATLAB/SCILAB. |
| **Expt – 2** | Program to generate standard continuous Time Signals. |
| **Expt - 3** | Program to generate standard discrete Time Signals. |
| **Expt - 4** | Program to perform basic operations on Signals. |
| **Expt – 5** | Program to find Even And Odd parts of a signal. |
| **Expt - 6** | Program to check Periodicity of signals. |
| **Expt – 7** | Program to find the Energy and Power of a Signal. |
| **Expt – 8** | Program to identify a given system as linear/ non-linear, time variance/ invariance property of a given system. |
| **Expt – 9** | Program to demonstrate the time domain sampling of band limited signals (Nyquist theorem). |
| **Expt – 10** | Program to find Fourier transform of given signal. |
| **Expt - 11** | Implement system equation using Simulnk/Xcos to find output of system for different input signals. |
| **Expt – 12** | Find unit step response of system described by transfer function using Simulink/Xcos. |

* Minimum 08 experiments should be conducted out of above enlisted.

**4ETC05 – VALUES & ETHICS (HS)** Max. Marks: 80

**Course Requisite:**

**Course Objectives:**

1. Development of a holistic perspective based on self-exploration about themselves (human being), family, society, and nature/existence.
2. Understanding (or developing clarity) of the harmony in the human being, family, society and nature/existence
3. Strengthening of self-reflection.
4. Development of commitment and courage to act.

**Course Outcomes:**

By the end of the course, students are expected to become more aware of themselves, and their surroundings (family, society, nature); they would become more responsible in life, and in handling problems with sustainable solutions, while keeping human relationships and human nature in mind. They would have better critical ability. They would also become sensitive to their commitment towards what they have understood (human values, human relationship, and human society). It is hoped that they would be able to apply what they have learnt to their own self in different day-to-day settings in real life, at least a beginning would be made in this direction.

| | **Subject: Values & Ethics** | L |
|---|---|---|
| **Unit-1** | **Course Introduction - Need, Basic Guidelines, Content and Process for Value Education** Purpose and motivation for the course, recapitulation from Universal Human Values-I, Self-Exploration–what is it? - Its content and process; 'Natural Acceptance' and Experiential Validations the process for self-exploration, Continuous Happiness and Prosperity- A look at basic Human Aspirations, Right understanding, Relationship and Physical Facility- the basic requirements for fulfilment of aspirations of every human being with their correct priority, Understanding Happiness and Prosperity correctly- A critical appraisal of the current scenario, Method to fulfil the above human aspirations: understanding and living in harmony at various levels. | 06 |
| **Unit-2** | **Understanding Harmony in the Human Being - Harmony in Myself** Understanding human being as a co-existence of the sentient 'I' and the material 'Body', Understanding the needs of Self ('I') and 'Body' - happiness and physical facility, Understanding the Body as an instrument of 'I' (I being the doer, seer and enjoyer), Understanding the characteristics and activities of 'I' and harmony in 'I', Understanding the harmony of I with the Body: Sanyam and Health; correct appraisal of Physical needs, meaning of Prosperity. | 06 |
| **Unit-3** | **Understanding Harmony in the Family and Society- Harmony in Human-Human Relationship** Understanding values in human-human relationship; meaning of Justice (nine universal values in relationships) and program for its fulfilment to ensure mutual happiness; Trust and Respect as the foundational values of relationship, Understanding the meaning of Trust; Difference between intention and competence, Understanding the meaning of Respect, Difference between respect and differentiation; the other salient values in relationship Incorporating Universal Human Values in Technical Education (An AICTE Initiative), Understanding the harmony in the society (society being an extension of family): Resolution, Prosperity, fearlessness (trust) and co-existence as comprehensive Human Goals. | 06 |
| **Unit-4** | **Understanding Harmony in the Nature and Existence - Whole existence as Coexistence** Understanding the harmony in the Nature, Interconnectedness, and mutual fulfilment among the four orders of nature- recyclability and self-regulation in nature, Understanding Existence as Co-existence of mutually interacting units in all-pervasive space, Holistic perception of harmony at all levels of existence. | 06 |
| **Unit-5** | **Implications of the above Holistic Understanding of Harmony on Professional Ethics** Natural acceptance of human values, Definitiveness of Ethical Human Conduct , Basis for Humanistic Education, Humanistic Constitution and Humanistic Universal Order, Competence in professional ethics: a) Ability to utilize the professional competence for augmenting universal human order b) Ability to identify the scope and characteristics of people friendly and eco-friendly production systems, c) Ability to identify and develop appropriate technologies and management patterns for above production systems. | 06 |
| **Unit-6** | Case studies of typical holistic technologies, management models and production systems, Strategy for transition from the present state to Universal Human Order: a) At the level of individual: as socially and ecologically responsible engineers, technologists and managers b) At the level of society: as mutually enriching institutions and organizations. (6 Hrs)<br>Note: Include practice Exercises and Case Studies will be taken up in Practice (tutorial) Sessions eg. to discuss the conduct as an engineer or scientist etc. | 06 |
| | **Total** | **36** |

**Text Books and Teachers Manual :**

1. A Foundation Course in Human Values and Professional Ethics, R.R. Gaur, R. Asthana, G.P. Bagaria, 2nd Revised Edition, Excel Books, New Delhi, 2019. ISBN 978-93-87034-47-1
2. Teachers' Manual for A Foundation Course in Human Values and Professional Ethics, R.R. Gaur, R. Asthana, G.P. Bagaria, 2nd Revised Edition, Excel Books, New Delhi, 2019. ISBN 978-93-87034-53-2

**Reference Books:**

1. Jeevan Vidya: Ek Parichaya, A Nagaraj, Jeevan Vidya Prakashan, Amarkantak, 1999.
2. Human Values, A.N. Tripathi, New Age Intl. Publishers, New Delhi, 2004.
3. The Story of Stuff (Book).
4. The Story of My Experiments with Truth - by Mohandas Karamchand Gandhi
5. Small is Beautiful - E. F Schumacher.
6. Slow is Beautiful - Cecile Andrews
7. Economy of Permanence - J C Kumarappa
8. Bharat Mein Angreji Raj - PanditSunderlal
9. Rediscovering India - by Dharampal
10. Hind Swaraj or Indian Home Rule - by Mohandas K. Gandhi
11. India Wins Freedom - Maulana Abdul Kalam Azad
12. Vivekananda - Romain Rolland (English)
13. Gandhi - Romain Rolland (English)

*********

**S.S.G.M.C.E. SHEGAON.**

**DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGG**

**Class Test – I**

**Session - 2022-23 (Spring Sem.)**

**Class:** Second Year 2U1 and 2U2 **Subject:** Values and Ethics **Code** :(4ETC05)

**Time: 1Hr.** **Date: 06/02/2023** **Max. Marks: 30**

| QNo | | Questions | MM | COs | RBTLs |
|---|---|---|---|---|---|
| Q1 | a | Define value. Explain the value of a Human Being with few examples | 05 | CO1 | *Understanding* |
| | b | What is the need for value education? | O5 | CO1 | *Understanding* |
| | c | What is the need for value education in technical and other professional institutions? | 05 | CO1 | *Understanding* |
| OR | | | | | |
| Q2 | a | What is happiness? What is the meaning of prosperity? How can you say that you are prosperous? | 05 | CO1 | *Understanding* |
| | b | Explain process of self exploration. What is expected result of self exploration with one example | 05 | CO1 | *Understanding* |
| | c | Describe two domains of educations. How they are complementary? How do they assist in living a fulfilling life? | 05 | CO1 | *Understanding* |
| | | | | | |
| 3 | a | Explain how physical facilities are necessary but not complete for humans while they are complete for animals. | 05 | CO2 | *Remembering* |
| | b | Distinguish between the needs of the Self and the needs of the Body. | 05 | CO2 | *Remembering* |
| | c | Identify following Activity (Going on in I ) , (I and Body both are Involved ) and (Going on in Body and with consent of 'I')<br>1)Eating 2) Walking 3) Thinking 4) Dreaming 5) Breathing 6) Heart-beat 7) Dancing, 8) Chewing, 9) Scratching 10) Getting angry and11) shouting .explain your identification with justifications. | 05 | CO2 | *Remembering* |
| OR | | | | | |
| 4 | a | Differentiate following needs for self(I ) and body<br>Nice looking Car, Car for transport, Food, Tasty Food, Trust, Happiness, Knowledge, 50 Lac Rupees, Love, Good Health and Prosperity with justifications | 05 | CO2 | *Remembering* |
| | b | Why right Understanding required for ensuring physical facility? Illustrate it with two personal examples. | 05 | CO2 | *Remembering* |
| | c | Distinguish between animal consciousness and human consciousness. | 05 | CO2 | *Remembering* |

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**S.S.G.M.C.E. SHEGAON.**

**DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGG**

**Class Test – II**

**Session - 2022-23 (Spring Sem.)**

**Class:** Second Year 2U1 and 2U2 Subject**:** Values and Ethics **Code** : 4ETC05)

**Time: 1Hr.** **Date: 05/03/2023** **Max. Marks: 30**

| QNo | | Questions | MM | COs | RBTLs |
|---|---|---|---|---|---|
| Q1 | a | Explain the powers and corresponding activities in self (I) with help of Block Diagram | 08 | CO3 | *Understanding* |
| | b | What are the problems that we are facing today because of operating on the basis of preconditioned desires? | 07 | CO3 | *Understanding* |
| OR | | | | | |
| Q2 | a | Explain values in Human relationship | 08 | CO3 | *Understanding* |
| | b | Define Trust, illustrate the feeling of trust with one example. | 07 | CO3 | *Understanding* |
| | | | | | |
| 3 | a | What are the four orders available in nature? Briefly Explain them. | 08 | CO3 | *Remembering* |
| | b | What do you mean by Mutual fulfillment in nature? cite a few examples. | 07 | CO3 | *Remembering* |
| OR | | | | | |
| 4 | a | "Other than human order ,three orders are mutually fulfilling to each other's" Explain with examples . Why does human order fail to be mutually fulfilling to itself and to the other orders? | 08 | CO3 | *Remembering* |
| | b | What do you mean by Innateness? What is the innateness in the four orders ? | 07 | CO3 | *Remembering* |

**********

# SSGMCE, SHEGAON Dept. Of Electronics and Telecommunication Engineering QUITZ

| 141 | 20.7 | Closed |
|---|---|---|
| Responses | Average Score | Status |

## 1. Class (0 point)

141
Responses

Latest Responses

"2U2"

"2U2"

"2U1(EXTC)"

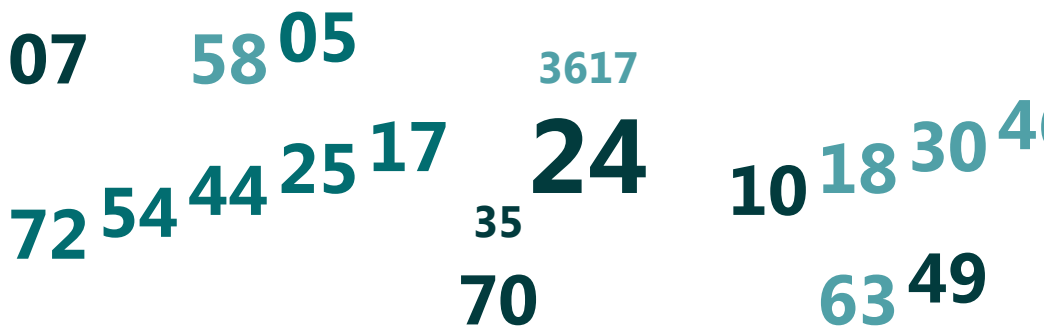
**8** respondents (**6**%) answered **EXTC** for this question.

## 2. Roll number (0 point)

141
Responses

Latest Responses
"57"
"56"
"10"

**3** respondents (**2**%) answered **24** for this question.




## 3. *Q1) Swatantratã* is --- (2 points)

81% of respondents (114 of 141) answered this question correctly.

| | |
|---|---|
| a) Being self-organized | 20 |
| b) Being in harmony in oneself | 5 |
| c) Starts expressing itself throug... | 2 |
| d) All above | 114 ✓ |

4. *Q2) Swarãjya* is --- (2 points)

13% of respondents (19 of 141) answered this question correctly.

| | | |
|---|---|---|
| a) Self-expression, | 18 | |
| b) Self-extension : | 6 | |
| c) Living in harmony with others... | 19 | ✓ |
| d) All above | 98 | |

5. Q3) If you are living in contradiction means-- (2 points)

68% of respondents (96 of 141) answered this question correctly.

| | |
|---|---|
| a) You are not self-organized. | 10 |
| b) You are living with pre-condit... | 20 |
| c) You have assumed certain thi... | 15 |
| d) All above. | 96 ✓ |

6. Q4) Stated Proposal - Verifying in your own right implies (2 points)

91% of respondents (129 of 141) answered this question correctly.

| | |
|---|---|
| a) On the basis of scriptures | 4 |
| b) On the basis of instruments | 5 |
| c) On the basis of others | 3 |
| d) Your own serious exploration ... | 129 ✓ |

7. Q5) Live according to the proposal to validate it experientially leads to---- (2 points)

85% of respondents (120 of 141) answered this question correctly.

| | |
|---|---|
| a) In behavior with other human... | 6 |
| b) In work with the rest of natur... | 10 |
| c) Validate the truthfulness of th... | 5 |
| d) All above. | 120 ✓ |

8. Q6) Natural acceptance according to you : (2 points)

77% of respondents (108 of 141) answered this question correctly.

| | | |
|---|---|---|
| a) Natural acceptance is the sa... | 17 | |
| b) Natural acceptance does not ... | 12 | |
| c) It does not depend on our be... | 4 | |
| d) All above | 108 | ✓ |

9. Q7) **“To be in a state of liking is happiness.”.....** (2 points)

48% of respondents (68 of 141) answered this question correctly.

| | | |
|---|---|---|
| a) “The state/situation in which I... | 54 | |
| b) These are feelings such as tru... | 8 | |
| c) Have harmony in my thought... | 11 | |
| d) All the above. | 68 | ✓ |

10. Q8) Desire (*Ichchhã*) related activity is---- (2 points)

56% of respondents (79 of 141) answered this question correctly.

| | | |
|---|---|---|
| a) Imaging (Chitrana ) | 79 | ✓ |
| b) Analyzing (Vislesana ) | 7 | |
| c) Thought (Vichãra ) | 38 | |
| d) Selecting/Tasting* (Chayana/... | 17 | |

11. Q9) As long as our desires are being set by the outside (from a sensation or a preconditioning) (2 points)

72% of respondents (101 of 140) answered this question correctly.

| | |
|---|---|
| a) There is a chance that we ma... | 18 |
| b) Our imaginations are in confli... | 13 |
| c) We are enslaved (partantra). | 8 |
| d) All the above | 101 ✓ |

12. Q10) How many feelings (values) exits in human relationships. (2 points)

90% of respondents (127 of 141) answered this question correctly.

| | |
|---|---|
| a)Many | 11 |
| b) Four | 3 |
| c) Nine | 127 ✓ |
| d) Two | 0 |

13. Q11) The big land mass of the continents, gigantic water bodies like ocean and seas, mountains

and rivers, the atmosphere above, the heaps of metals and mineral below, the dense gases &

fossil fuels deep below the surface of the earth – all fall into the (2 points)

86% of respondents (121 of 141) answered this question correctly.

| | |
|---|---|
| a) Material order | 121 ✓ |
| b) Pranic order | 15 |
| c) Human order | 3 |
| d) Animal order | 2 |

14. Q12) There is interconnectedness among all the orders. The first three orders are mutually (2 points)

Fulfilling to the rest three orders, only -------- order is not able to be fulfilling to the

other orders.

88% of respondents (124 of 141) answered this question correctly.

| | |
|---|---|
| a) Plant | 2 |
| b) Animal | 1 |
| c) Human | 124 ✓ |
| d) Material | 14 |

15. Q13) In order to facilitate the fulfilment of the basic aspirations of all human beings in the society, what comprehensive human goal needs to be understood. (2 points)

87% of respondents (123 of 141) answered this question correctly.

| | |
|---|---|
| a) Right Understanding (Samãd... | 8 |
| b) Prosperity (Samriddhi) In Ever... | 9 |
| c) Fearlessness(Trust) (Abhaya*) ... | 1 |
| d) All the above. | 123 ✓ |

16. Q14) When you examine, you find that there are two parts in this exploration for relationship: (2 points)

19% of respondents (26 of 140) answered this question correctly.

| | | |
|---|---|---|
| a) Intention (wanting to-our nat... | 26 | ✓ |
| B) Our natural acceptance and a... | 99 | |
| c) Competence and agreement | 7 | |
| d) None of above | 8 | |

17. Q15) *Activity* Analyzing ( *'Vishleshan') is a power of----* (2 points)

73% of respondents (103 of 141) answered this question correctly.

| | |
|---|---|
| a) Desire (Ichchhã) | 13 |
| b) Thought (Vichãra) | 103 ✓ |
| c) Expectation | 4 |
| d) Non | 21 |

**B.E. / B.Text./ B.Tech.** **Prospectus No.** 141712
**Semester VII & VIII**

# संत गाडगे बाबा अमरावती विद्यापीठ

# SANT GADGE BABA AMRAVATI UNIVERSITY

**(Faculty of Engineering & Technology)**

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## Bachelor of Engineering / Bachelor of Technology
## Semester VII & VIII
## (CREDIT GRADE SYSTEM)

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3) Electronics Engineering
4) Instrumentation Engineering
5) Computer Science and Engineering
6) Computer Engineering.
7) Textile Engineering
8) Chemical Engineering
9) Polymer (Plastic) Technology
10) Food, Pulp & Paper, Oil & Paint and Petrochemical Technology

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## SANT GADGE BABA AMRAVATI UNIVERSITY

## SPECIAL NOTE FOR INFORMATION OF THE STUDENTS

(1) Notwithstanding anything to the contrary, it is notified for general information and guidance of all concerned that a person, who has passed the qualifying examination and is eligible for admission only to the corresponding next higher examination as an ex-student or an external candidate, shall be examined in accordance with the syllabus of such next higher examination in force at the time of such examination in such subjects papers or combination of papers in which students from University Departments or Colleges are to be examined by the University.

(2) Be it known to all the students desirous to take examination/s for which this prospectus has been prescribed should, if found necessary for any other information regarding examinations etc., refer the University Ordinance Booklet the various conditions/provisions pertaining to examination as prescribed in the following Ordinances.

| | | |
|---|---|---|
| Ordinance No. 1 | : | Enrolment of Students. |
| Ordinance No. 2 | : | Admission of Students |
| Ordinance No. 4 | : | National cadet corps |
| Ordinance No. 6 | : | Examinations in General (relevent extracts) |
| Ordinance No. 18/2001 | : | An Ordinance to provide grace marks for passing in a Head of passing and Inprovement of Division (Higher Class) and getting Distinction in the subject and condonation of defficiency of marks in a subject in all the faculties prescribed by the Statute No.18, Ordinance 2001. |
| Ordinance No. 9 | : | Conduct of Examinations (relevent extracts) |
| Ordinance No. 10 | : | Providing for Exemptions and Compartments |
| Ordinance No. 19 | : | Admission of Candidates to Degrees. |



| | | |
|---|---|---|
| Ordinance No. 109 | : | Recording of a change of name of a University student in the records of the University. |
| Ordinance No. 6 of 2008 | : | For improvement of Division/Grade. |
| Ordinance No.19/2001 | : | An Ordinance for Central Assessment Programme, Scheme of Evaluation and Moderation of answerbooks and preparation of results of the examinations, conducted by the University, Ordinance 2001. |

**Dineshkumar Joshi**
Registrar
Sant Gadge Baba Amravati University

## PATTERN OF QUESTION PAPER ON THE UNIT SYSTEM

The pattern of question paper as per unit system will be boradly based on the following pattern.

(1) Syllabus has been divided into units equal to the number of question to be answered in the paper. On each unit there will be a question either a long answer type or a short answer type.

(2) Number of question will be in accordance with the unit prescribed in the syllabi for each paper i.e. there will be one question on each unit.

(3) For every question long answer type or short answer type there will be an alternative choice from the same unit. However, there will be no internal choice in a question.

(4) Division of marks between long answer and short answer type question will be in the ratio of 40 and 60.

(5) Each short answer type question shall Contain 4 to 8 short sub question with no internal choice.

**DIRECTION**

No. 31/2011 Date : 10-06-2011

**Subject :- Schemes of teaching & examinations of III to VIII/X Semesters as per Credit Grade System of various branches in the faculty of Engineering & Technology.**

Whereas faculty of Engineering & Technology in its meeting held on 6th June, 2011 vide Item No.39 accepted and recommended schemes of teaching & examinations of semesters III to VIII/X as per Credit Grade System of various branches in the faculty of Engineering & Technology for its implementation from the session 2011-2012 in phase wise manner,

AND

Whereas the schemes of teaching & examinations of semesters III to VIII/X as per Credit Grade System of various branches in the faculty of Engineering & Technology were accepted by the Honôble Vice Chancellor u/s Section 14(7) of M.U.Act, 1994 on behalf on Academic Council on 9th April, 2011,

AND

Whereas these schemes of teaching & examinations of various branches as per Credit Grade System in the faculty of Engineering & Technology are required to be regulated by the Regulation,

AND

Whereas the process of making the Regulation is likely to take some time,

AND

Whereas the schemes of various branches as pere Credit Grade System inthe faculty of Engineering & Technology are to be implemented fromthe academic session 2011-2012.

AND

Whereas syllabi of various branches in the faculty of Enginering & Technology are to be sent for printing,

Now, therefore, I,Dr.Mohan K.Khedkar, Vice-Chancellor of Sant Gadge Baba Amravati University in exercise of powers conferred upon me under sub section (8) of Section 14 of the Maharashtra Universities Act,1994 hereby direct as under :-

1) This Direction shall be called ñSchemes of teaching & examinations of III to VIII/X Semesters as per Credit Grade System of various branches inthe faculty of Enginering & Technology, Direction, 2011".
2) This Direction shall come into force from the date of its issuance.
3) Schemes of teaching and examinations of III to VIII/X semesters as per Credit Grade System of the following branches shall be as per respective Appendices appended with this Direction :-

| **BRANCH** | **Appendix No.** |
|---|---|



| | | |
|---|---|---|
| 1) | Civil Engineering | A |
| 2) | Mechanical Enginering | B |
| 3) | Production Engineering | C |
| 4) | Electrical Engineering (Electronics & Power) | D |
| 5) | Electrical and Electronics Engineering | E |
| 6) | Electrical Enginering (Electrical & Power) | F |
| 7) | Electrical Enginering | G |
| 8) | Electronics & Telecommunications Engineering | H |
| 9) | Electronics Engineering | I |
| 10) | Instrumentation Engineering | J |
| 11) | Computer Science & Engineering | K |
| 12) | Computer Engineering | L |
| 13) | Architecture | M |
| 14) | TExtile Engineering | N |
| 15) | Chemical Engineering | O |
| 16) | Chenmical Technology (Polymer) (Plastic) Technology | P |
| 17) | Chemical Technology (Food, Pulp & Paper, Oil & Paint and Petrochemical Technology) | Q |
| 18) | Information Technolog | R |
| 19) | Biomedical Engineering | S |

sd/-
Dr.Mohan K.Khedkar
Vice Chancellor

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**DIRECTION**

No. : 31 /2012 Date : 19 /07/2012

**Subject :- Corrigendum to Direction No.31 of 2011**

Whereas,the Direction No.31 of 2011 in respect of the Schemes of teaching & examinations of III to VIII/X Semesters as per Credit Grade System of various branches in the faculty of Engineering & Technology is in existence**,**

AND

Whereas, the schemes of teaching and examinations of III to VIII/X Semesters as per Credit Grade System for the branches Civil Engineering, Mechanical Engineering, Production Engineering,Electrical Engineering(Electronics & Power), Electrical & Electronics Engineering, Electrical Engineering (Electrical & Power), Electrical Engineering, Electronics & Telecommunication Engineering, Electronics Engineering, Instrumentation Engineering, Computer Science & Engineering, Computer Engineering, Architecture, Textile Engineering, Chemical Engineering, Chemical Technology(Polymer)(Plastic) Technology, Chemical Technology (Food, Pulp & Paper, Oil & Paint and Petrochemical Technology), Information Technology, Biomedical Engineering were to be implemented from the session 2011-2012 in phase wise manner by the said Direction No. 31 of 2011 as per respective Appendices i.e. AppendixA,B, C,D, E, F, G, H, I,J, K, L,M, N, O, P, Q, R and S,

AND

Whereas, the Academic Council in its meeting held on 05/05/2012 vide Item No. 53 (1) A-R1, C-R-1,D-R1,E-R1,H-R1 and I-R1 has recommended the revised schemes of teaching and examinations of V to VIII/X Semesters as per Credit Grade System for the branches Production Engineering, Electronics & Telecommunications Engineering, Electronics Engineering, Computer Science & Engineering, Computer Engineering,Textile Engineering, Chemical Engineering, Chemical Technology(Polymer)(Plastic) Technology, Chemical Technology (Food, Pulp & Paper, Oil & Paint and Petrochemical Technology),

AND

Whereas, the revised Schemes of examinations as per Credit Grade System for the above mentioned branches in the faculty of Engineering & Technology are to be implemented from the academic session 2012-2013 in phase wise manner ,

AND



Whereas, the Schcmes of teaching and examinations of above mentioned branches as per Credit System in the faculty of Engineering & Technology are required to be regulated by the Regulation,

AND

Whereas, the process of making the Regulation is likely to take some time,

AND

Whereas, the syllabi of above mentioned branches along with the revised schemes of examinations in the faculty of Engineering & Technology are to be made available for the students admitted during the Session 2012-2013,

Now, therefore , I, Dr.Mohan K.Khedkar, Vice-Chancellor of Sant Gadge Baba Amravati University,Amravati in exercise of powers conferred upon me under sub section (8) of Section 14 of the Maharashtra Universities Act,1994, do hereby direct as under : -

1) This Direction shall be called ñCorrigendum to Direction No. 31 of 2011ò,
2) This Direction shall come into force from the date of its issuance.
3) Revised schemes of teaching and examinatiions of V to VIII/X Semesters as per Credit Grade System of the following branches shall be as per respective Appendices appended with this Direction :-

| **BRANCH** | | **Appendix No.** |
|---|---|---|
| 1) | Production Engineering | A |
| 2) | Electronics & Telecommunications Engineering | B |
| 3) | Electronics Engineering | C |
| 4) | Computer Science & Engineering | D |
| 5) | Computer Engineering | E |
| 6) | Textile Engineering | F |
| 7) | Chemical Engineering | G |
| 8) | Chemical Technology(Polymer)(Plastic)Technology | H |
| 9) | Chemical Technology (Food, Pulp & Paper,Oil & Paint and Petrochemical Technology) | I |

sd/-

Date :- 19 /07/2012 (Mohan K.Khedkar)
Vice Chancellor

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**FOUR YEAR DEGREE COURSE IN BACHELOR OF ENGINEERING**

**BRANCH : ELECTRICAL ENGINEERING (ELECTRONICS & POWER)- SEMESTER PATTERN ( CREDIT GRADE SYSTEM)**

**SEMESTER - FIFTH**

**Appendix - C**

| | | | TEACHING SCHEME | | | | | EXAMINATION SCHEME | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | HOURS / WEEK | | | | | THEORY | | | | | PRACTICAL | | | |
| Sr. No. | Subject Code | Subject | Lecture | Tutorial | P/D | Total HOURS/WEEK | CREDITS | DURATION OF PAPER (Hr.) | MAX. MARKS THEORY PAPER | MAX. MARKS COLLEGE ASSESMENT | TOTAL | MIN. PASSING MARKS | MAX. MARKS | | TOTAL | MIN. PASSING MARKS |
| | | | | | | | | | | | | | EXTERNAL | INTERNAL | | |
| THEORY | | | | | | | | | | | | | | | | |
| 01 | 5EP01 | Control Systems - I | 4 | _ | _ | 4 | 4 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| 02 | 5EP02 | Microprocessor & Microcontroller | 4 | _ | _ | 4 | 4 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| 03 | 5EP03 | Electrical Machines - II | 4 | _ | _ | 4 | 4 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| 04 | 5EP04 | Signals & Systems | 4 | _ | _ | 4 | 4 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| 05 | 5FEEP05 | Free Elective-I | 3 | _ | _ | 3 | 3 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| 06 | 5EP06 | Communication Skills | 2 | _ | _ | 2 | 2 | 2 | 40 | 10 | 50 | 20 | _ | _ | _ | _ |
| PRACTICALS / DRAWING / DESIGN | | | | | | | | | | | | | | | | |
| 07 | 5EP07 | Control Systems - I -Lab | _ | _ | 2 | 2 | 1 | _ | _ | _ | _ | _ | 25 | 25 | 50 | 25 |
| 08 | 5EP08 | Microprocessor & Microcontroller -Lab | _ | _ | 2 | 2 | 1 | _ | _ | _ | _ | _ | 25 | 25 | 50 | 25 |
| 09 | 5EP09 | Electrical Machines - II- Lab | _ | _ | 2 | 2 | 1 | _ | _ | _ | _ | _ | 25 | 25 | 50 | 25 |
| 10 | 5EP10 | Communication Skills- Lab | _ | _ | 2 | 2 | 1 | _ | _ | _ | _ | _ | 25 | 25 | 50 | 25 |
| | | TOTAL | 21 | _ | 8 | 29 | 25 | | | | 550 | | | | 200 | |
| | | | | | | | | | | | | | | | TOTAL | 750 |

**Free Elective -I 1) Energy Audit & Management 2] Electrical Drives**

| Semester : Sixth | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| THEORY | | | | | | | | | | | | | | | | |
| 01 | 6EP01 | Electrical Power - I | 4 | _ | _ | 4 | 4 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| 02 | 6EP02 | Optimisation Techniques | 4 | _ | _ | 4 | 4 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| 03 | 6EP03 | Power Electronics | 4 | _ | _ | 4 | 4 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| 04 | 6EP04 | Computer Aided Machine Design | 4 | _ | _ | 4 | 4 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| 05 | 6FEEP05 | Free Elective-II | 3 | _ | _ | 3 | 3 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| 06 | 6EP06 | Electrical Energy Utilisation | 4 | _ | _ | 4 | 4 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| PRACTICALS / DRAWING / DESIGN | | | | | | | | | | | | | | | | |
| 07 | 6EP07 | Power Electronics - I Lab | _ | _ | 2 | 2 | 1 | _ | _ | _ | _ | _ | 25 | 25 | 50 | 25 |
| 08 | 6EP08 | Computer Aided Machine Design Lab | _ | _ | 2 | 2 | 1 | _ | _ | _ | _ | _ | 25 | 25 | 50 | 25 |
| 09 | 6EP09 | Electrical Energy Utilisation Lab | _ | _ | 2 | 2 | 1 | _ | _ | _ | _ | _ | 25 | 25 | 50 | 25 |
| | | TOTAL | 23 | _ | 6 | 29 | 26 | | | | 600 | | | | 150 | |
| | | | | | | | | | | | | | | | TOTAL | 750 |

**Free Elective -II 1) Electrical Estimating & Costing 2] Power Supply Systems**

Note : Students will have to opt the free electives offered from other courses of their College / Institution / University Department

# FOUR YEAR DEGREE COURSE IN BACHELOR OF ENGINEERING

## BRANCH - ELECTRICAL ENGINEERING (ELECTRONICS & POWER) - SEMESTER PATTERN (CREDIT GRADE SYSTEM)

### SEMESTER - SEVENTH

**Appendix - C**

| | | | TEACHING SCHEME | | | | | EXAMINATION SCHEME | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | HOURS / WEEK | | | | | THEORY | | | | | PRACTICAL | | | |
| Sr. No. | Subject Code | Subject | Lecture | Tutorial | P/D | Total HOURS/WEEK | CREDITS | DURATION OF PAPER (Hr.) | MAX. MARKS THEORY PAPER | MAX. MARKS COLLEGE ASSESMENT | TOTAL | MIN. PASSING MARKS | MAX. MARKS | | TOTAL | MIN. PASSING MARKS |
| | | | | | | | | | | | | | EXTERNAL | INTERNAL | | |
| THEORY | | | | | | | | | | | | | | | | |
| 01 | 7EP01 | Control System II | 4 | _ | _ | 4 | 4 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| 02 | 7EP02 | Power System Operation & Control | 4 | _ | _ | 4 | 4 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| 03 | 7EP03 | Electrical Power - II | 4 | _ | _ | 4 | 4 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| 04 | 7EP04 | Switchgear & Protection | 4 | _ | _ | 4 | 4 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| 05 | 7EP05 | Professional Elective - I * | 4 | _ | _ | 4 | 4 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| PRACTICALS / DRAWING / DESIGN | | | | | | | | | | | | | | | | |
| 06 | 7EP06 | Project & Seminar | _ | _ | 2 | 2 | 4 | _ | _ | _ | _ | _ | 0 | 50 | 50 | 25 |
| 07 | 7EP07 | Electrical Power - II- Lab | _ | _ | 2 | 2 | 1 | _ | _ | _ | _ | _ | 25 | 25 | 50 | 25 |
| 08 | 7EP08 | Switchgear & Protection- Lab | _ | _ | 2 | 2 | 1 | _ | _ | _ | _ | _ | 25 | 25 | 50 | 25 |
| | | TOTAL | 20 | _ | 6 | 26 | 26 | | | | 500 | | | | 150 | |
| | | | | | | | | | | | | | | | TOTAL | 650 |

* Professional Elective - I 1] Process Control System 2] Computer organisation 3] Computer Methods in Power System Analysis 4] Artificial Intelligence

### SEMESTER - EIGHTH

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| THEORY | | | | | | | | | | | | | | | | |
| 01 | 8EP01 | Power System Stability | 3 | _ | _ | 3 | 3 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| 02 | 8EP02 | High Voltage Engineering | 4 | _ | _ | 4 | 4 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| 03 | 8EP03 | Digital Signal Processing | 4 | _ | _ | 4 | 4 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| 04 | 8EP04 | Professional Elective - II** | 3 | _ | _ | 3 | 3 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| PRACTICALS / DRAWING / DESIGN | | | | | | | | | | | | | | | | |
| 05 | 8EP05 | Project & Seminar | _ | _ | 6 | 6 | 12 | _ | _ | _ | _ | _ | 75 | 75 | 150 | 25 |
| 06 | 8EP06 | Digital Signal Processing- Lab | _ | _ | 2 | 2 | 1 | _ | _ | _ | _ | _ | 25 | 25 | 50 | 25 |
| | | TOTAL | 14 | 0 | 8 | 22 | 27 | | | | 400 | | | | 200 | |
| | | | | | | | | | | | | | | | TOTAL | 600 |

** Professional Elective - II 1] Electric Drives & Control 2] Power Quality 3] Embedded Syatems 4] Generalised Machine Theory

| SEMESTER : FIFTH | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sr. No. | Subject Code | Subject | TEACHING SCHEME | | | | | EXAMINATION SCHEME | | | | | | | | | |
| | | | HOURS / WEEK | | | | | THEORY | | | | | PRACTICAL | | | | |
| | | | | | | | | Duration Of Paper (Hr.) | Max. Marks Theory Paper | Internal Marks | Total | Min. Passing Marks | Max. Marks | | Total | Min. Passing Marks |
| | | | | | | | | | | | | | Int. | Ext. | | |
| **THEORY** | | | | | | | | | | | | | | | | | |
| 01 | 5ME01 | Heat Transfer | 3 | -- | -- | 3 | 3 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 02 | 5ME02 | Metrology & Quality Control | 3 | -- | -- | 3 | 3 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 03 | 5ME03 | Kinematics of Machines | 3 | 1 | -- | 4 | 4 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 04 | 5ME04 | Measurement Systems | 3 | -- | -- | 3 | 3 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 05 | 5ME05 | Open Elective – I (OE-I) | 3 | -- | -- | 3 | 3 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| **PRACTICALS / DRAWING / DESIGN** | | | | | | | | | | | | | | | | | |
| 06 | 5ME06 | Heat Transfer- lab. | -- | -- | 2 | 2 | 1 | -- | -- | -- | -- | -- | 25 | 25 | 50 | 25 |
| 07 | 5ME07 | Metrology & Quality Control- lab. | -- | -- | 2 | 2 | 1 | -- | -- | -- | -- | -- | 25 | 25 | 50 | 25 |
| 08 | 5ME08 | Kinematics of Machines- lab. | -- | -- | 2 | 2 | 1 | -- | -- | -- | -- | -- | 25 | 25 | 50 | 25 |
| 09 | 5ME09 | Measurement Systems –lab. | -- | -- | 2 | 2 | 1 | -- | -- | -- | -- | -- | 25 | 25 | 50 | 25 |
| | | **Total** | **15** | **1** | **8** | **24** | **20** | **--** | **--** | **--** | **500** | **--** | **--** | **--** | **200** | **--** |
| | | | | | | | | | | | | | | **Grand Total** | | **700** | |

**Open Elective – I (For other Disciplines) :** (i) Industrial Robotics & Automation (ii) Modern Manufacturing Techniques

An Orientation Program of 15 Hours duration / MOOCs on Advanced Courses line Machine learning, 3-D Printing, Virtual Reality, Supply Chain Management, Numerical Computation for Mechanical Engineers, Bio-mechanics, Fundamentals of nano-Engineering, Micro-Electro Mechanical Systems, Nano-to-Macro Transport Processes, Fundamentals of Photo Voltaics, Machine Tools etc. be offered during V semester.

**Open Elective**-I to be opted from the University's faculty of Engineering & Technology offered inter-disciplinary courses or MOOCs courses pertaining to the Engineering Profession.

## SEMESTER : SIXTH

| Sr. No. | Subject Code | Subject | TEACHING SCHEME | | | | | EXAMINATION SCHEME | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | HOURS / WEEK | | | | | THEORY | | | | | PRACTICAL | | | |
| | | | Lecture | Tutorial | P/D | [illegible] | [illegible] | Duration Of Paper (Hr.) | Max. Marks Theory Paper | Internal Marks | Total | Min. Passing Marks | Max. Marks Int. | Max. Marks Ext. | Total | Min. Passing Marks |
| **THEORY** | | | | | | | | | | | | | | | | |
| 01 | 6ME01 | Design of Machine Elements | 3 | -- | -- | 3 | 3 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 02 | 6ME02 | Dynamics of Machines | 3 | 1 | -- | 4 | 4 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 03 | 6ME03 | Control System Engineering | 3 | -- | -- | 3 | 3 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 04 | 6ME04 | Prof. Elective - I | 3 | -- | -- | 3 | 3 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 05 | 6ME05 | Open Elective - II | 3 | -- | -- | 3 | 3 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| **PRACTICALS / DRAWING / DESIGN** | | | | | | | | | | | | | | | | |
| 06 | 6ME06 | Design of Machine Elements- lab. | -- | -- | 2 | 2 | 1 | -- | -- | -- | -- | -- | 25 | 25 | 50 | 25 |
| 07 | 6ME07 | Dynamics of Machines- lab. | -- | -- | 2 | 2 | 1 | -- | -- | -- | -- | -- | 25 | 25 | 50 | 25 |
| 08 | 6ME08 | Prof. Elective - I - lab. | -- | -- | 2 | 2 | 1 | -- | -- | -- | -- | -- | 25 | 25 | 50 | 25 |
| 09 | 6ME09 | Research Skills - lab. | -- | -- | 2 | 2 | 1 | -- | -- | -- | -- | -- | 25 | 25 | 50 | 25 |
| | | **Total** | **15** | **1** | **8** | **24** | **20** | -- | -- | -- | **500** | -- | -- | -- | **200** | -- |
| | | | | | | | | | | | | | | **Grand Total** | **700** | |

An Orientation Program of 15 Hours duration / MOOCs on Entrepreneurship Development to be offered during VI Semester.

**6ME04: Prof. Elect. (I) : (i)** Tool Engineering (ii) Non- Conventional Energy Sources (iii) Project Management (iv) Lean Manufacturing

**6ME05: Open Elect. (II) [For other Disciplines] : (**i) Renewable Energy Technologies (ii) Automobile Engineering & Electric Vehicles

**Open Elective-II** to be opted from the University's faculty of Engineering & Technology offered inter-disciplinary courses or MOOCs courses pertaining to the Engineering Profession.

## SEMESTER : SEVENTH

| Sr. No. | Subject Code | Subject | TEACHING SCHEME | | | | | EXAMINATION SCHEME | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | HOURS / WEEK | | | | | THEORY | | | | | PRACTICAL | | | |
| | | | | | | | | Duration Of Paper (Hr.) | Max. Marks Theory Paper | Internal Marks | Total | Min. Passing Marks | Max. Marks | | Total | Min. Passing Marks |
| | | | | | | | | | | | | | Int. | Ext. | | |
| **THEORY** | | | | | | | | | | | | | | | | |
| 01 | 7ME01 | Mechatronics | 3 | -- | -- | 3 | 3 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 02 | 7ME02 | Productivity Techniques | 3 | -- | -- | 3 | 3 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 03 | 7ME03 | Industrial Management & Costing | 3 | -- | -- | 3 | 3 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 04 | 7ME04 | Energy Conversion - II | 3 | -- | -- | 3 | 3 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 05 | 7ME05 | Professional Elective- II | 3 | -- | -- | 3 | 3 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| **PRACTICALS / DRAWING / DESIGN** | | | | | | | | | | | | | | | | |
| 06 | 7ME06 | Mechatronics- lab. | -- | -- | 2 | 2 | 1 | -- | -- | -- | -- | -- | 25 | 25 | 50 | 25 |
| 07 | 7ME07 | Energy Conversion – II- lab. | -- | -- | 2 | 2 | 1 | -- | -- | -- | -- | -- | 25 | 25 | 50 | 25 |
| 08 | 7ME08 | Professional Elective- II – lab. | -- | -- | 2 | 2 | 1 | -- | -- | -- | -- | -- | 25 | 25 | 50 | 25 |
| 09 | 7ME09 | Technical Seminar & Project | -- | -- | 8 | 8 | 4 | -- | -- | -- | -- | -- | 50 | -- | 50 | 25 |
| | | **Total** | **15** | **0** | **14** | **29** | **22** | **--** | **--** | **--** | **500** | **--** | **--** | **--** | **200** | **--** |
| | | | | | | | | | | | | | | **Grand Total** | | **700** |

**7ME05: Prof. Elect.-II :** (i) Computer Integrated Manufacturing (ii) Automobile Engineering (iii) Design of Transmission Systems (iv) Computational Fluid Dynamics

## SEMESTER : EIGHT

| Sr. No. | Subject Code | Subject | TEACHING SCHEME | | | | | EXAMINATION SCHEME | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | HOURS / WEEK | | | | | THEORY | | | | | PRACTICAL | | | |
| | | | | | | | | Duration Of Paper (Hr.) | Max. Marks Theory Paper | Internal Marks | Total | Min. Passing Marks | Max. Marks | | Total | Min. Passing Marks |
| | | | | | | | | | | | | | Int. | Ext. | | |
| **THEORY** | | | | | | | | | | | | | | | | |
| 01 | 8ME01 | Operation Research Techniques | 3 | -- | | 3 | 3 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 02 | 8ME02 | I.C. Engines | 3 | -- | | 3 | 3 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 03 | 8ME03 | Professional Elective-III | 3 | -- | | 3 | 3 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 04 | 8ME04 | Professional Elective- IV | 3 | -- | | 3 | 3 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| **PRACTICALS / DRAWING / DESIGN** | | | | | | | | | | | | | | | | |
| 05 | 8ME05 | I.C. Engines- lab. | -- | -- | 2 | 2 | 1 | -- | -- | -- -- | -- | -- | 25 | 25 | 50 | 25 |
| 06 | 8ME06 | Prof. Elective-IV –lab. | -- | -- | 2 | 2 | 1 | -- | -- | -- -- | -- | -- | 25 | 25 | 50 | 25 |
| 07 | 8ME07 | Project | -- | -- | 12 | 12 | 6 | | | | | | 75 | 75 | 150 | 75 |
| | | **Total** | **12** | **--** | **16** | **28** | **20** | **--** | **--** | **--** | **400** | **--** | **--** | **--** | **250** | **--** |
| | | | | | | | | | | | | | | | **Grand Total** | **650** |

**8ME03 Prof. Elect. –III** : (i) Energy Conservation & Management (ii) Production Planning & Control (iii) Product Design &Development (iv) Artificial Intelligence

**8ME04 : Prof. Elect. IV:** (i) Refrigeration & Air Conditioning (ii) Finite Element Analysis (iii) Robotics & Industrial Applications (iv) Rapid Prototyping

# FOUR YEAR DEGREE COURSE IN BACHELOR OF ENGINEERING
## BRANCH - MECHANICAL ENGINEERING - SEMESTER PATTERN (CREDIT GRADE SYSTEM)

### SEMESTER - SEVENTH

**Appendix - B**

| | | | TEACHING SCHEME | | | | | EXAMINATION SCHEME | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | HOURS / WEEK | | | | | THEORY | | | | | PRACTICAL | | | |
| Sr. No. | Subject Code | Subject | Lecture | Tutorial | P/D | Total HOURS/WEEK | CREDITS | DURATION OF PAPER (Hrs.) | MAX. MARKS THEORY PAPER | MAX. MARKS COLLEGE ASSESMENT | TOTAL | MIN. PASSING MARKS | MAX. MARKS EXTERNAL | MAX. MARKS INTERNAL | TOTAL | MIN. PASSING MARKS |
| THEORY | | | | | | | | | | | | | | | | |
| 01 | 7ME01 | Machine Design & Drawing-II | 3 | - | - | 3 | 3 | 4 | 80 | 20 | 100 | 40 | - | - | - | - |
| 02 | 7ME02 | Energy Conversion-II | 3 | 1 | - | 4 | 4 | 3 | 80 | 20 | 100 | 40 | - | - | - | - |
| 03 | 7ME03 | Industrial Management and Costing | 3 | 1 | - | 4 | 4 | 3 | 80 | 20 | 100 | 40 | - | - | - | - |
| 04 | 7ME04 | Automation Engineering | 3 | 1 | - | 4 | 4 | 3 | 80 | 20 | 100 | 40 | - | - | - | - |
| 05 | 7ME05 | Professional Elective-I | 3 | 1 | - | 4 | 4 | 3 | 80 | 20 | 100 | 40 | - | - | - | - |
| PRACTICALS / DRAWING / DESIGN | | | | | | | | | | | | | | | | |
| 06 | 7ME06 | Project & Seminar | - | - | 2 | 2 | 4 | - | - | - | - | - | - | 50 | 50 | 25 |
| 07 | 7ME07 | Machine Design & Drawing-II-Lab. | - | - | 2 | 2 | 1 | - | - | - | - | - | 25 | 25 | 50 | 25 |
| 08 | 7ME08 | Energy Conversion-II-Lab | - | - | 2 | 2 | 1 | - | - | - | - | - | 25 | 25 | 50 | 25 |
| 09 | 7ME09 | Automation Engineering-Lab | - | - | 2 | 2 | 1 | - | - | - | - | - | 25 | 25 | 50 | 25 |
| 10 | 7ME10 | Professional Elective-I - Lab | - | - | 2 | 2 | 1 | - | - | - | - | - | 25 | 25 | 50 | 25 |
| | | Total | 15 | 1 | 10 | 29 | 27 | | | | 500 | | | | 250 | |
| | | | | | | | | | | | | | | | GRAND TOTAL : 750 | |

Professional Elective-I (1) Non Conventional Energy System (2) Tool Engineering (3) Artificial Intelligence & Expert Systems (4) Mechatronics

### *SEMESTER : EIGHTH*

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| THEORY | | | | | | | | | | | | | | | | |
| 01 | 8ME01 | Elective-II | 3 | - | - | 3 | 3 | 3 | 80 | 20 | 100 | 40 | - | - | - | - |
| 02 | 8ME02 | Elective-III | 3 | - | - | 3 | 3 | 3 | 80 | 20 | 100 | 40 | - | - | - | - |
| 03 | 8ME03 | I.C. Engines | 3 | - | - | 3 | 3 | 3 | 80 | 20 | 100 | 40 | - | - | - | - |
| 04 | 8ME04 | Opertaions Research Techniques | 3 | - | - | 3 | 3 | 3 | 80 | 20 | 100 | 40 | - | - | - | - |
| PRACTICALS / DRAWING / DESIGN | | | | | | | | | | | | | | | | |
| 05 | 8ME05 | Project & Seminar | - | - | 6 | 6 | 12 | - | - | - | - | - | 75 | 75 | 150 | 75 |
| 06 | 8ME06 | Professional Elective-III-Lab | - | - | 2 | 2 | 1 | - | - | - | - | - | 25 | 25 | 50 | 25 |
| 07 | 8ME07 | I.C. Engines-Lab | - | - | 2 | 2 | 1 | - | - | - | - | - | 25 | 25 | 50 | 25 |
| 08 | 8ME08 | Opertaions Research Techniques-Lab | - | - | 2 | 2 | 2 | - | - | - | - | - | 25 | 25 | 50 | 25 |
| | | Total | 12 | - | 12 | 24 | 27 | | | | 400 | | | | 300 | |
| | | | | | | | | | | | | | | | GRAND TOTAL : 700 | |

Professional Elective-II (1) Automobile Engineering (2) Production Planning & Control (3) Management Information Systems (4) Advanced Manufacturing Systems
Professional Elective-III 1) Refrigeration & Air Conditioning 2) Machine Tool Design 3) Finite Element Methods 4) Robotics

| Semester : Fifth | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sr. No.** | **Subject Code** | **Subject** | **TEACHING SCHEME** | | | | | **EXAMINATION SCHEME** | | | | | | | | | |
| | | | **HOURS / WEEK** | | | **Total HOURS/WEEK** | **CREDITS** | **THEORY** | | | | | **PRACTICAL** | | | | |
| | | | **Lecture** | **Tutorial** | **P/D** | | | **Duration Of Paper (Hr.)** | **Max. Marks Theory Paper** | **Internal Marks** | **Total** | **Min. Passing Marks** | **Max. Marks** | | **Total** | **Min. Passing Marks** |
| | | | | | | | | | | | | | **Int.** | **Ext.** | | |
| **THEORY** | | | | | | | | | | | | | | | | | |
| 01 | 5ET1 | Analog Electronics-II | 4 | 1 | -- | 5 | 5 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 02 | 5ET2 | Power Electronics & Drives | 4 | -- | -- | 4 | 4 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 03 | 5ET3 | Micro Processor & Micro Controller | 4 | 1 | -- | 5 | 5 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 04 | 5ET4 | Communication Engg.-II | 4 | -- | -- | 4 | 4 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 05 | 5ET5 | Free Elective-I | 3 | -- | -- | 3 | 3 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| **PRACTICALS / DRAWING / DESIGN** | | | | | | | | | | | | | | | | | |
| 06 | 5ETp6 | Analog Electronics-II Lab | -- | -- | 2 | 2 | 1 | -- | -- | -- | -- | -- | 25 | 25 | 50 | 25 |
| 07 | 5ETp7 | Power Electronics & Drives Lab | -- | -- | 2 | 2 | 1 | -- | -- | -- | -- | -- | 25 | 25 | 50 | 25 |
| 08 | 5ETp8 | Micro Processor & Micro Controller Lab | -- | -- | 2 | 2 | 1 | -- | -- | -- | -- | -- | 25 | 25 | 50 | 25 |
| 09 | 5ETp9 | Skill Development Lab-III (Simulation) | 2 | -- | 2 | 4 | 2 | -- | -- | -- | -- | -- | 50 | 50 | 100 | 25(Int.) 25(Ext) |
| | | **Total** | **21** | **2** | **8** | **31** | **26** | -- | -- | -- | **500** | -- | -- | -- | **250** | **--** |
| | | | | | | | | | | | | | | **Total** | **750** | | |

**Free Elective-I:**

1.Electronic Test Instruments 2. Satellite& Optical Fiber Communication

| Semester : Sixth | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sr. No. | Subject Code | Subject | TEACHING SCHEME | | | | | EXAMINATION SCHEME | | | | | | | | | |
| | | | HOURS / WEEK | | | Total HOURS/WEEK | CREDITS | THEORY | | | | | PRACTICAL | | | | |
| | | | Lecture | Tutorial | P/D | | | Duration Of Paper (Hr.) | Max. Marks Theory Paper | Internal Marks | Total | Min. Passing Marks | Max. Marks | | Total | Min. Passing Marks |
| | | | | | | | | | | | | | Int. | Ext. | | |
| **THEORY** | | | | | | | | | | | | | | | | | |
| 01 | 6ET1 | Microcontroller Programming & Applications | 4 | 1 | -- | 5 | 5 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 02 | 6ET2 | Control Systems Engineering | 4 | -- | -- | 4 | 4 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 03 | 6ET3 | Digital Communication | 4 | 1 | -- | 5 | 5 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 04 | 6ET4 | Digital Signal Processing | 4 | -- | -- | 4 | 4 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 05 | 6ET5 | Free Elective-II | 3 | -- | -- | 3 | 3 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 06 | 6ET6 | Communication Skills | 2 | -- | -- | 2 | -- | -- | 40 | 10 | 50 | 20 | -- | -- | -- | -- |
| **PRACTICALS / DRAWING / DESIGN** | | | | | | | | | | | | | | | | | |
| 07 | 6ETp7 | Digital Communication Lab | -- | -- | 2 | 2 | 1 | -- | -- | -- | -- | -- | 25 | 25 | 50 | 25 |
| 08 | 6ETp8 | Digital Signal Processing Lab | -- | -- | 2 | 2 | 1 | -- | -- | -- | -- | -- | 25 | 25 | 50 | 25 |
| 09 | 6ETp9 | Communication Skills Lab | -- | -- | 2 | 2 | 1 | -- | -- | -- | -- | -- | 15 | 10 | 25 | 12 |
| 10 | 6ETp10 | Skill Development Lab-IV (Hardware) | 2 | -- | 2 | 4 | 2 | -- | -- | -- | -- | -- | 50 | 50 | 100 | 25(Int.) 25(Ext) |
| | | **Total** | **23** | **2** | **8** | **33** | **26** | -- | -- | -- | **550** | -- | -- | -- | **225** | **--** |
| | | | | | | | | | | | | | | **Total** | **775** | | |

**Free Elective-II:**

1.Consumer Electronics

2. Introduction to Wireless Technology

| Semester : Seventh | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sr. No.** | **Subject Code** | **Subject** | **TEACHING SCHEME** | | | | | **EXAMINATION SCHEME** | | | | | | | | | |
| | | | **HOURS / WEEK** | | | **Total HOURS/WEEK** | **CREDITS** | **THEORY** | | | | | **PRACTICAL** | | | | |
| | | | **Lecture** | **Tutorial** | **P/D** | | | **Duration Of Paper (Hr.)** | **Max. Marks Theory Paper** | **Internal Marks** | **Total** | **Min. Passing Marks** | **Max. Marks** | | **Total** | **Min. Passing Marks** | |
| | | | | | | | | | | | | | **Int.** | **Ext.** | | | |
| **THEORY** | | | | | | | | | | | | | | | | | |
| 01 | 7ET1 | VLSI Design | 4 | 1 | -- | 5 | 5 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- | |
| 02 | 7ET2 | Digital Image Processing | 4 | -- | -- | 4 | 4 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- | |
| 03 | 7ET3 | Satellite & Optical Fiber Communication | 4 | -- | -- | 4 | 4 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- | |
| 04 | 7ET4 | Industrial Management & Quality Control | 4 | -- | -- | 4 | 4 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- | |
| 05 | 7ET5 | Professional Elective-I | 4 | -- | -- | 4 | 4 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- | |
| **PRACTICALS / DRAWING / DESIGN** | | | | | | | | | | | | | | | | | |
| 06 | 7ETp6 | VLSI Design Lab | -- | -- | 2 | 2 | 1 | -- | -- | -- | -- | -- | 25 | 25 | 50 | 25 | |
| 07 | 7ETp7 | Skill Development Lab-V (Signal & Image Processing) | 2 | -- | 2 | 4 | 2 | -- | -- | -- | -- | -- | 50 | 50 | 100 | 25(Int.) 25(Ext) | |
| 08 | 7ETp8 | Project | -- | -- | 2 | 2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| 09 | 7ETp9 | Seminar | -- | -- | 2 | 2 | 2 | -- | -- | -- | -- | -- | 50 | -- | 50 | 25 | |
| | | **Total** | **22** | **1** | **8** | **31** | **26** | -- | -- | -- | **500** | -- | -- | -- | **200** | **--** | |
| | | | | | | | | | | | | | | **Total** | **700** | | |

**Professional Elective-I:**

1. Computer Organization
2. PLC & Automation
3. Smart Sensor
4. Fuzzy Logic &Artificial Neural Network
5. Speech Processing
6. RF Modeling & Antenna

| Semester : Eight | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sr. No. | Subject Code | Subject | TEACHING SCHEME | | | | | EXAMINATION SCHEME | | | | | | | | | |
| | | | HOURS / WEEK | | | Total HOURS/WEEK | CREDITS | THEORY | | | | | PRACTICAL | | | | |
| | | | Lecture | Tutorial | P/D | | | Duration Of Paper (Hr.) | Max. Marks Theory Paper | Internal Marks | Total | Min. Passing Marks | Max. Marks | | Total | Min. Passing Marks |
| | | | | | | | | | | | | | Int. | Ext. | | |
| **THEORY** | | | | | | | | | | | | | | | | | |
| 01 | 8ET1 | UHF & Microwaves | 4 | -- | -- | 4 | 4 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 02 | 8ET2 | Wireless Communication | 4 | -- | -- | 4 | 4 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 03 | 8ET3 | Data Communication Network | 4 | -- | -- | 4 | 4 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 04 | 8ET4 | Professional Elective-II | 4 | -- | -- | 4 | 4 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| **PRACTICALS / DRAWING / DESIGN** | | | | | | | | | | | | | | | | | |
| 05 | 8ETp5 | UHF & Microwave Lab | -- | -- | 2 | 2 | 1 | -- | -- | -- -- | -- | -- | 25 | 25 | 50 | 25 |
| 06 | 8ETp6 | Skill Development Lab-VI (Networking) | 2 | -- | 2 | 4 | 2 | -- | -- | -- -- | -- | -- | 50 | 50 | 100 | 25(Int.) 25(Ext) |
| 07 | 8ETp7 | Project | -- | -- | 4 | 4 | 6 | -- | -- | -- | -- | -- | 75 | 75 | 150 | 75 |
| | | **Total** | **18** | **--** | **8** | **26** | **25** | -- | -- | -- | **400** | -- | -- | -- | **300** | **--** |
| | | | | | | | | | | | | **Total** | | | **700** | |

**ProfessinalElective-II:**

1. Embedded System & RTOS
2. Automotive Electronics
3. Wireless Sensor Network
4. Biomedical Engineering
5. Data Compression & Encryption
6. Ultra Wide Band Communication

| Semester : Seventh | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sr. No.** | **Subject Code** | **Subject** | **TEACHING SCHEME** | | | | | **EXAMINATION SCHEME** | | | | | | | | | |
| | | | **HOURS / WEEK** | | | **Total HOURS/WEEK** | **CREDITS** | **THEORY** | | | | | **PRACTICAL** | | | | |
| | | | **Lecture** | **Tutorial** | **P/D** | | | **Duration Of Paper (Hr.)** | **Max. Marks Theory Paper** | **Internal Marks** | **Total** | **Min. Passing Marks** | **Max. Marks** | | **Total** | **Min. Passing Marks** |
| | | | | | | | | | | | | | **Int.** | **Ext.** | | |
| **THEORY** | | | | | | | | | | | | | | | | | |
| 01 | 7ET1 | VLSI Design | 4 | 1 | -- | 5 | 5 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 02 | 7ET2 | Digital Image Processing | 4 | -- | -- | 4 | 4 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 03 | 7ET3 | Satellite & Optical Fiber Communication | 4 | -- | -- | 4 | 4 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 04 | 7ET4 | Industrial Management & Quality Control | 4 | -- | -- | 4 | 4 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 05 | 7ET5 | Professional Elective-I | 4 | -- | -- | 4 | 4 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| **PRACTICALS / DRAWING / DESIGN** | | | | | | | | | | | | | | | | | |
| 06 | 7ETp6 | VLSI Design Lab | -- | -- | 2 | 2 | 1 | -- | -- | -- | -- | -- | 25 | 25 | 50 | 25 |
| 07 | 7ETp7 | Skill Development Lab-V (Signal & Image Processing) | 2 | -- | 2 | 4 | 2 | -- | -- | -- | -- | -- | 50 | 50 | 100 | 25(Int.)<br>25(Ext) |
| 08 | 7ETp8 | Project | -- | -- | 2 | 2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 09 | 7ETp9 | Seminar | -- | -- | 2 | 2 | 2 | -- | -- | -- | -- | -- | 50 | -- | 50 | 25 |
| | | **Total** | **22** | **1** | **8** | **31** | **26** | -- | -- | -- | **500** | -- | -- | -- | **200** | **--** |
| | | | | | | | | | | | | | | **Total** | **700** | |

**Professional Elective-I:**

1. Computer Organization
2. PLC & Automation
3. Smart Sensor
4. Fuzzy Logic & Artificial Neural Network
5. Speech Processing
6. RF Modeling & Antenna

| Semester : Eight | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sr. No. | Subject Code | Subject | TEACHING SCHEME | | | | | EXAMINATION SCHEME | | | | | | | | | |
| | | | HOURS / WEEK | | | Total HOURS/WEEK | CREDITS | THEORY | | | | | PRACTICAL | | | | |
| | | | Lecture | Tutorial | P/D | | | Duration Of Paper (Hr.) | Max. Marks Theory Paper | Internal Marks | Total | Min. Passing Marks | Max. Marks | | Total | Min. Passing Marks |
| | | | | | | | | | | | | | Int. | Ext. | | |
| **THEORY** | | | | | | | | | | | | | | | | | |
| 01 | 8ET1 | UHF & Microwaves | 4 | -- | -- | 4 | 4 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 02 | 8ET2 | Wireless Communication | 4 | -- | -- | 4 | 4 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 03 | 8ET3 | Data Communication Network | 4 | -- | -- | 4 | 4 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| 04 | 8ET4 | Professional Elective-II | 4 | -- | -- | 4 | 4 | 3 | 80 | 20 | 100 | 40 | -- | -- | -- | -- |
| **PRACTICALS / DRAWING / DESIGN** | | | | | | | | | | | | | | | | | |
| 05 | 8ETp5 | UHF & Microwaves Lab | -- | -- | 2 | 2 | 1 | -- | -- | -- -- | -- | -- | 25 | 25 | 50 | 25 |
| 06 | 8ETp6 | Skill Development Lab-VI (Networking) | 2 | -- | 2 | 4 | 2 | -- | -- | -- -- | -- | -- | 50 | 50 | 100 | 25(Int.) 25(Ext) |
| 07 | 8ETp7 | Project | -- | -- | 4 | 4 | 6 | -- | -- | -- | -- | -- | 75 | 75 | 150 | 75 |
| | | **Total** | **18** | **--** | **8** | **26** | **25** | -- | -- | -- | **400** | -- | -- | -- | **300** | **--** |
| | | | | | | | | | | | | | | **Total** | **700** | | |

**Professional Elective-II :**

1. Embedded System & RTOS
2. Automotive Electronics
3. Wireless Sensor Network
4. Biomedical Engineering
5. Data Compression & Encryption
6. Ultra Wide Band Communication

**FOUR YEAR DEGREE COURSE IN BACHELOR OF ENGINEERING**

**BRANCH - COMPUTER SCIENCE & ENGINEERING - SEMESTER PATTERN (CREDIT GRADE SYSTEM)**

**SEMESTER - SEVENTH** **Appendix - E**

| | | | TEACHING SCHEME | | | | | EXAMINATION SCHEME | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | HOURS / WEEK | | | | | THEORY | | | | | PRACTICAL | | | |
| Sr. No. | Subject Code | Subject | Lecture | Tutorial | P/D | Total HOURS/WEEK | CREDITS | DURATION OF PAPER (Hr.) | MAX. MARKS THEORY PAPER | MAX. MARKS COLLEGE ASSESMENT | TOTAL | MIN. PASSING MARKS | MAX. MARKS | | TOTAL | MIN. PASSING MARKS |
| | | | | | | | | | | | | | EXTERNAL | INTERNAL | | |
| THEORY | | | | | | | | | | | | | | | | |
| 01 | 7KS01 | Digital Signal Processing | 4 | _ | _ | 4 | 4 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| 02 | 7KS02 | Computer Networks | 4 | _ | _ | 4 | 4 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| 03 | 7KS03 | Design & Analysis of Algorithms | 4 | _ | _ | 4 | 4 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| 04 | 7KS04 | Object Oriented Analysis & Design | 4 | _ | _ | 4 | 4 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| 05 | 7KS05 | Professional Elective I* | 4 | _ | _ | 4 | 4 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| PRACTICALS / DRAWING / DESIGN | | | | | | | | | | | | | | | | |
| 06 | 7KS06 | Digital Signal Processing Lab | _ | _ | 2 | 2 | 1 | _ | _ | _ | _ | _ | 25 | 25 | 50 | 25 |
| 07 | 7KS07 | Design & Analysis of Algorithms Lab | _ | _ | 2 | 2 | 1 | _ | _ | _ | _ | _ | 25 | 25 | 50 | 25 |
| 08 | 7KS08 | Object Oriented Analysis & Design Lab | _ | _ | 2 | 2 | 1 | _ | _ | _ | _ | _ | 25 | 25 | 50 | 25 |
| 09 | 7KS09 | Project & Seminar | _ | _ | 2 | 2 | 4 | _ | _ | _ | _ | _ | _ | 50 | 50 | 25 |
| | | TOTAL | 20 | _ | 8 | 28 | 27 | | | | 500 | | | | 200 | |
| | | | | | | | | | | | | | | TOTAL | 700 | |

Professional Elective I* (i) Computer Graphics (ii) Multimedia Technologies (iii) Web Engineering (iv) Human Computer Interface

| ***Semester :EIGHTH*** | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| THEORY | | | | | | | | | | | | | | | | |
| 01 | 8KS01 | Artificial Intelligence | 3 | _ | _ | 3 | 3 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| 02 | 8KS02 | Embedded Systems | 4 | _ | _ | 4 | 4 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| 03 | 8KS03 | Software Engineering | 3 | _ | _ | 3 | 3 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| 04 | 8KS04 | Professional Elective II* | 3 | _ | _ | 3 | 3 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| PRACTICALS / DRAWING / DESIGN | | | | | | | | | | | | | | | | |
| 05 | 8KS05 | Artificial Intelligence -Lab | _ | _ | 2 | 2 | 1 | _ | _ | _ | _ | _ | 25 | 25 | 50 | 25 |
| 06 | 8KS06 | Embedded Systems -Lab | _ | _ | 2 | 2 | 1 | _ | _ | _ | _ | _ | 25 | 25 | 50 | 25 |
| 07 | 8KS07 | Project & Seminar | | | 6 | 6 | 12 | | | | | | 75 | 75 | 150 | 75 |
| | | TOTAL | 13 | _ | 10 | 23 | 27 | | | | 400 | | | | 250 | |
| | | | | | | | | | | | | | | TOTAL | 650 | |

**Professional Elective II* (i)Distributed Computing (ii) Mobile Computing (iii) Soft Computing (iv) Network Security**

**Four Year Degree Course in Bachelor of Engineering**
**Branch : Computer Science & Engineering- Semester Pattern (Credit Grade System)**
**SEMESTER : FIFTH**

**APPENDIX - D**

| Semester :FIFTH | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | TEACHING SCHEME | | | | | EXAMINATION SCHEME | | | | | | | | | | | |
| | | | HOURS / WEEK | | | | | THEORY | | | | | | PRACTICAL | | | | | |
| Sr. No. | Subject Code | Subject | Lecture | Tutorial | P/D | Total HOURS/WEEK | CREDITS | DURATION OF PAPER (Hr.) | MAX. MARKS THEORY PAPER | MAX. MARKS COLLEGE ASSESMENT | TOTAL | MIN. PASSING MARKS | MAX. MARKS | | TOTAL | MIN. PASSING MARKS | | | |
| | | | | | | | | | | | | | EXTERNAL | INTERNAL | | | | | |
| THEORY | | | | | | | | | | | | | | | | | | | |
| 01 | 5KS01 | Data Communication | 4 | — | _ | 4 | 4 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ | | | |
| 02 | 5KS02 | File Structures & Data Processing | 4 | 1 | _ | 5 | 5 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ | | | |
| 03 | 5KS03 | System Software | 4 | _ | _ | 4 | 4 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ | | | |
| 04 | 5KS04 | Switching Theory & Logic Design | 4 | 1 | _ | 5 | 5 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ | | | |
| 05 | 5FEKS05 | Free Elective I* | 3 | _ | _ | 3 | 3 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ | | | |
| 06 | 5KS06 | Communication Skills | 2 | _ | _ | 2 | 2 | 2 | 40 | 10 | 50 | 20 | _ | _ | _ | _ | | | |
| PRACTICALS / DRAWING / DESIGN | | | | | | | | | | | | | | | | | | | |
| 07 | 5KS07 | System Software Lab | _ | _ | 2 | 2 | 1 | _ | _ | _ | _ | _ | 25 | 25 | 50 | 25 | | | |
| 08 | 5KS08 | Switching Theory & Logic Design Lab | _ | _ | 2 | 2 | 1 | _ | _ | _ | _ | _ | 25 | 25 | 50 | 25 | | | |
| 09 | 5KS09 | Communication Skills Lab | _ | _ | 2 | 2 | 1 | _ | _ | _ | _ | _ | 25 | 25 | 50 | 25 | | | |
| | | TOTAL | 21 | 2 | 6 | 29 | 26 | | | | 550 | | | | 150 | | | | |
| | | | | | | | | | | | | | | TOTAL | 700 | | | | |

Free Elective I* (i) Data Structures & Algorithms (ii) Data Communication & Networking

| Semester :SIXTH | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| THEORY | | | | | | | | | | | | | | | | | | | |
| 01 | 6KS01 | Operating Systems | 4 | 1 | _ | 5 | 5 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ | | | |
| 02 | 6KS02 | Database Systems | 4 | _ | _ | 4 | 4 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ | | | |
| 03 | 6KS03 | Computing Resources Management | 4 | _ | _ | 4 | 4 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ | | | |
| 04 | 6KS04 | Computer Architecture | 3 | 1 | _ | 4 | 4 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ | | | |
| 05 | 6FEKS05 | Free Elective II* | 3 | _ | _ | 3 | 3 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ | | | |
| 06 | 6KS06 | Professional Ethics | 2 | _ | _ | 2 | 2 | 2 | 40 | 10 | 50 | 20 | _ | _ | _ | _ | | | |
| PRACTICALS / DRAWING / DESIGN | | | | | | | | | | | | | | | | | | | |
| 07 | 6KS07 | Operating Systems Lab | _ | _ | 2 | 2 | 1 | _ | _ | _ | _ | _ | 25 | 25 | 50 | 25 | | | |
| 08 | 6KS08 | Database Systems Lab | _ | _ | 2 | 2 | 1 | _ | _ | _ | _ | _ | 25 | 25 | 50 | 25 | | | |
| 09 | 6KS09 | Computer Lab-II (Hardware Lab) | 1 | _ | 2 | 3 | 2 | _ | _ | _ | _ | _ | 25 | 25 | 50 | 25 | | | |
| | | TOTAL | 21 | 2 | 6 | 29 | 26 | | | | 550 | | | | 150 | | | | |
| | | | | | | | | | | | | | | TOTAL | 700 | | | | |

Free ElectiveII* (i) Database Management System (ii) Software Project Management

**Note :** Students will have to opt the free electives offered from other courses of their college / Institution / University Department.

# SANT GADGE BABA AMRAVATI UNIVERSITY

## SEMESTER PERFORMANCE REPORT

FOUR YEAR B.E. SEMESTER : SIXTH (COMPUTER SCIENCE & ENGINEERING) (CGS) Summer 2021 NO. A 0307521

| ROLL NO. | NAME OF THE CANDIDATE | ENROLMENT NO. | CENTRE NO. | COLLEGE NO. | MEDIUM | CATEGORY |
|---|---|---|---|---|---|---|
| 70660 | PRASAD UDAY JAWADEKAR | 183129166778 | 312 | 312 | ENG | 0 |

| SUBJECT CODE | SUBJECT | MARKS & CREDITS SCHEME | | | | | MARKS & GRADES AWARDED | | | | EXEMPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MAX UNIVERSITY MARKS | MAX MARKS COLLEGE ASSESSMENT | TOTAL | MIN PASSING MARKS | CREDITS | UNIVERSITY ASSESSMENT | COLLEGE ASSESSMENT | TOTAL | GRADE | |
| 10332 | Operating Systems | 80 | 20 | 100 | 40 | 5 | 76 | 19 | 95 | AA | |
| 10333 | Database Systems | 80 | 20 | 100 | 40 | 4 | 66 | 19 | 85 | AA | |
| 10334 | Computing Resources Management | 80 | 20 | 100 | 40 | 4 | 76 | 20 | 96 | AA | |
| 10335 | Computer Architecture | 80 | 20 | 100 | 40 | 4 | 80 | 19 | 99 | AA | |
| 10738 | E Commerce | 80 | 20 | 100 | 40 | 3 | 72 | 19 | 91 | AA | |
| 10336 | Professional Ethics | 40 | 10 | 50 | 20 | 2 | 38 | 10 | 48 | AA | |
| 10337 | Operating Systems Lab | 25 | 25 | 50 | 25 | 1 | 22 | 22 | 44 | AA | |
| 10338 | Database Systems Lab | 25 | 25 | 50 | 25 | 1 | 21 | 22 | 43 | AA | |
| 10339 | Computer Lab-II (Hardware Lab) | 25 | 25 | 50 | 25 | 2 | 22 | 23 | 45 | AA | |

| TOTAL INCENTIVE MARKS | INCENTIVE MARKS NOT USED | MARKS OBTAINED | TOTAL MAXIMUM MARKS | TOTAL CREDITS | SGPA | RESULT | REMARKS |
|---|---|---|---|---|---|---|---|
| | | 646 | 700 | 26 | 10 | PASS | |

NOTE : F = FULL T = THEORY. P = PRACTICAL R-REJECTED
AA (Shown in University Assessment Column) = ABSENT
(Please see overleaf for details of Grading system)
(THIS STATEMENT IS SUBJECT TO CORRECTIONS, IF ANY)
DATE : 25/08/2021

@=Passes by incentive marks vide ordinance no. 1 of 85
* = passes by Grace marks vide ordinance no. 18 of 2001
**= Passes by Condonation marks vide ordinance no. 18 of 2001

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**FOUR YEAR DEGREE COURSE IN BACHELOR OF ENGINEERING**

**BRANCH : INFORMATION TECHNOLOGY - SEMESTER PATTERN (CREDIT GRADE SYSTEM)**

**Appendix - H**

**SEMESTER - SEVENTH**

| | | | TEACHING SCHEME | | | | | EXAMINATION SCHEME | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | HOURS / WEEK | | | | | THEORY | | | | | PRACTICAL | | | |
| Sr. No. | Subject Code | Subject | Lecture | Tutorial | P/D | Total HOURS/WEEK | CREDITS | DURATION OF PAPER (Hr.) | MAX. MARKS THEORY PAPER | MAX. MARKS COLLEGE ASSESMENT | TOTAL | MIN. PASSING MARKS | MAX. MARKS EXTERNAL | MAX. MARKS INTERNAL | TOTAL | MIN. PASSING MARKS |
| THEORY | | | | | | | | | | | | | | | | |
| 01 | 7IT01 | Digital Signal Processing | 4 | _ | _ | 4 | 4 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| 02 | 7IT02 | Object Oriented System Analysis & Design | 4 | _ | _ | 4 | 4 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| 03 | 7IT03 | Web Technology | 4 | _ | _ | 4 | 4 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| 04 | 7IT04 | Real Time Embedded Systems | 4 | _ | _ | 4 | 4 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| 05 | 7IT05 | Professional Elective I* | 4 | _ | _ | 4 | 4 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| PRACTICALS / DRAWING / DESIGN | | | | | | | | | | | | | | | | |
| 06 | 7IT06 | Digital Signal Processing-Lab | _ | _ | 2 | 2 | 1 | _ | _ | _ | _ | _ | 25 | 25 | 50 | 25 |
| 07 | 7IT07 | Web Technology-Lab | _ | _ | 2 | 2 | 1 | _ | _ | _ | _ | _ | 25 | 25 | 50 | 25 |
| 08 | 7IT08 | Real Time Embedded Systems-Lab | _ | _ | 2 | 2 | 1 | _ | _ | _ | _ | _ | 25 | 25 | 50 | 25 |
| 09 | 7IT09 | Project & Seminar | _ | _ | 2 | 2 | 4 | _ | _ | _ | _ | _ | _ | 50 | 50 | 25 |
| | | TOTAL | 20 | _ | 8 | 28 | 27 | | | | 500 | | | | 200 | |
| | | | | | | | | | | | | | | TOTAL | 700 | |

Professional Elective I* (i) Distributed DBMS (ii) Modelling & Simulation (iii)Artificial Intelligence & Expert Systems (iv) Multimedia Technologies

| Semester :EIGHTH | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| THEORY | | | | | | | | | | | | | | | | |
| 01 | 8IT01 | Digital & Wireless Communication | 3 | _ | _ | 3 | 3 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| 02 | 8IT02 | Network Administration & Security | 3 | _ | _ | 3 | 3 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| 03 | 8IT03 | Software Engineering | 3 | _ | _ | 3 | 3 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| 04 | 8IT04 | Professional Elective II* | 3 | _ | _ | 3 | 3 | 3 | 80 | 20 | 100 | 40 | _ | _ | _ | _ |
| PRACTICALS / DRAWING / DESIGN | | | | | | | | | | | | | | | | |
| 05 | 8IT05 | Network Administration & Security-Lab | _ | _ | 2 | 2 | 1 | _ | _ | _ | _ | _ | 25 | 25 | 50 | 25 |
| 06 | 8IT06 | Software Engineering-Lab | _ | _ | 2 | 2 | 1 | _ | _ | _ | _ | _ | 25 | 25 | 50 | 25 |
| 07 | 8IT07 | Computer Lab-V (Content Management System) | _ | _ | 2 | 2 | 1 | _ | _ | _ | _ | _ | 25 | 25 | 50 | 25 |
| 08 | 8IT08 | Project & Seminar | _ | _ | 6 | 6 | 12 | _ | _ | _ | _ | _ | 75 | 75 | 150 | 75 |
| | | TOTAL | 12 | _ | 12 | 24 | 27 | | | | 400 | | | | 300 | |
| | | | | | | | | | | | | | | TOTAL | 700 | |

Professional Elective II* (i) Data Warehousing & Data Mining (ii) Web-Commerce (iii) Cloud Computing (iv) Neural Networks & Fuzzy Logics

**M.B.A. Exam. 2013**
**(Semester Pattern)**

**Prospectus No. 2013156**

# संत गाडगेबाबा अमरावती विद्यापीठ
# SANT GADGE BABA AMRAVATI UNIVERSITY

## अभ्यासक्रमिका
## वाणिज्य विद्याशाखा
## (FACULTY OF COMMERCE)

# PROSPECTUS

OF

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**(Semester Pattern Two Year Degree Course)**

Semester - I & III Exam. Winter-2013

Semester - II & IV Exam. Summer - 2014

**2013**

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## MBA/ 105 Organizational Behavior and Effectiveness

**Unit-I** : Individual Behavior – Personality, Learning, Perception, Attitude & Beliefs

**Unit-II** : Group Behavior – Meaning, Types of Groups, Group Process, Group Dynamics – factors influencing intergroup behavior and managing intergroup behavior

**Unit-III** : Organizational Change – Concept & Need, Change Process, Reasons for Resistance to Change, Measures to Overcome Resistance to Change

**Unit-IV** : Organizational Processes – Organizational Power, Organizational Politics, Empowerment, Conflict

**Unit-V** : Organizational Effectiveness – Creativity and Innovation, Corporate Governance, Management of Gender Issues

**Suggested Readings:**


1. Kolb, D. etc. Organizational Behaviour: An Experiential Approach. 5th ed. Englewood Cliffs, New Jersey, Prentice Hall Inc., 1991.
2. Mainiero, L A & Tromley C.L. Developing Managerial Skills in OB. New Delhi, Prentice Hall of India, 1985.
3. Moore, M D. etc. Inside Organizations: Understanding the Human Dimensions. London, Sage, 1988.
4. Abad, Ahmad. Etc. Developing Effective Organization. New Delhi, Sri Ram Centre for Industrial Relations, 1980.
5. De Nitish. Alternative Designs of Human Organizations. London, Sage, 1988.
6. French, W.H. and Bell, C H. Organisation Development. New Delhi, Prentice Hall of India, 1991.
7. French, W L., etc. Organization Development Theory, Practice and Research. 3rd ed. New Delhi, Universal Book Stall, 1990.
8. Harvey, D F. and Brown, DR. An Experimental Approach to Organization Development. Englewood Cliffs, New Jersey, Prentice Hall Inc., 1990.
9. Huse, F E. and Cummings, T.G. Organization, Development and Change. 3rd ed. New York, West, 1985.





10. Sinha, Dharani, P.etc. Consultants and Consulting Styles. New Delhi, Vision, 1982.


## MBA/ 106 Business Ethics

**Objective:** To acquaint the students with ethical values and practices with emphasis on Indian Values and Culture

**Unit I** : Indian Management – Principles, Models & Theory of Karma, Theory and Practices of Holistic Management and its relevance

**Unit II** : Ethics – Meaning, Objectives and Sources of Ethics, Types of Business Ethics, Factors influencing Business Ethics, Ethics V/s Morals and Values

**Unit III** : Managing Ethics – Theories of Ethics, Ethical Dilemma, Codes of Ethics, Normative Ethics in Management, Need and Values of Ethics in Global Change Behavioral Aspects of Ethics and Values

**Unit IV** : Indian Values in Management – Secular and Spiritual Values, Science and Human Values, Lessons from Ancient Indian Educational System

**Unit V** : Stress Management –Stress eustress, distress, Indian Perspective of Stress Management, Reasons for stress at workplace, Coping with a stress

**Suggested Readings:**


1. Murthy, C.S.V., Business Ethics – Text and Cases, Himalaya Publishing House Pvt. Ltd., 2nd Edition.
2. Wills, Joseph N., Business Ethics – A Stakeholder and Issues Management Approach, South Western Cengage Learning, 2003 Edition
3. Chakraborty, S.K.: Foundations of Managerial Work-Contributions from Indian Thought, Himalaya Publishing House Delhi 1998.
4. Kumar, S and N.K. Uberoi: Managing Secularism in the New Millennium Excel Books 2000
5. Gandhi, M.K. The story of My Experiment with Truth, Navjivan Publishing House, Ahmedabad, 1972.
6. Sharma Suhas, " Eastern Door Western Windows" , New Age Publications

**S.S.G.M.C.E. SHEGAON.**

**DEPARTMENT OF BUSINESS ADMINISTRATION AND RESEARCH**

**Class Test – I**

**Autumn Semester (Session -2022-23)**

**Class: MBA Semester-I Subject: Indian Ethos and Business Ethics Sub. Code: 104**

**Time: 03.30 p.m. to 05.30 p.m.** **Date: 04.01.2023** **Max. Marks: 40**

## SECTION-A

Q.1 Solve **any one** question (Each question carries 12 Marks) (Max Words 600)

a) Illustrate the concept of Indian Ethos/ Indian Management in detail.

b) Elaborate the role of scriptures with proper examples.

## SECTION-B

Q.2 Solve **any two** questions (Each question carries 4 Marks) (Max Words 200 Each)

a) Explain the learning from Mahabharat with a view of ethos.

b) Illustrate the five pillars of Islam.

c) Elaborate the concept of "confession" from Christianity.

**And**

d) A confession is a statement made by a person acknowledging some personal fact that the person would prefer to keep hidden. The term is generally associated with an admission of a moral or legal wrong. A legal confession is an admission of some wrongdoing that has legal consequence, while a confession in religion is usually more akin to a ritual by which the person acknowledges thoughts or actions considered sinful or morally wrong within the confines of the confessor's religion. Comment on "confession" as a source of ethics. **06Marks**

## SECTION-C

Q.3 Solve **any one** question (Each question carries 6 Marks) (Max Words 300 Each)

a) Distinguish between secularism and spiritualism.

b) Illustrate the "Theory of cause and effect/ Theory of Karma" in detail.

**And**

Question on application l nature with two sub questions **(4+4)** (Max Words 200 Each)

His Holiness the 14th Dalai Lama, Tenzin Gyatso, is a simple Buddhist monk. This spiritual leader of Tibet expresses his views about modern times as follows:

**THE PARADOX OF OUR TIMES**

Is that we have taller buildings, but shorter tempers
Wider freeways, but narrower viewpoints
We spend more, but we have less.

We have bigger houses, but smaller families
More conveniences, but less time.
We have more degrees, but less sense
More knowledge, but less judgment
More experts, but more problems
More medicines, but less wellness.

We have multiplied our possessions, but reduced our values.
We talk too much, love too seldom, and hate too often
We have learnt how to make a living, but not a life.
We have added years to life, but not life to years.
We've been all the way to the moon and back
But have trouble crossing the street to meet the new neighbor.

We have conquered outer space, but not inner space.
We've cleaned up the air, but polluted our soul.
We've split the atom, but not our prejudice.
We've higher incomes, but lower morals.
We've become long on quantity but short on quality.

These are the times of tall men, and short character;
Steep profits, and shallow relationships.
These are the times of world peace, but domestic warfare,
More leisure, but less fun; more kinds of food, but less nutrition.
These are the days of two incomes, but more divorces;
Of fancier houses, but broken homes.

It is a time when there is much in the show window, and nothing in the stockroom.

a) Analyze the case
b) Suggest changes to educational institutes considering inputs from Ancient Indian Education System.

**B.E. / B.Text./ B.Tech.** **Prospectus No.** 141712
**Semester VII & VIII**

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## (CREDIT GRADE SYSTEM)

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2) Electronics & Telecommunication Engineering
3) Electronics Engineering
4) Instrumentation Engineering
5) Computer Science and Engineering
6) Computer Engineering.
7) Textile Engineering
8) Chemical Engineering
9) Polymer (Plastic) Technology
10) Food, Pulp & Paper, Oil & Paint and Petrochemical Technology

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**Unit II: Sequence Alignment**: Simple alignments, Gaps, Scoring Matrices, Global and Local Alignments, Smith-Waterman Algorithm, Multiple sequence Alignments, Gene Prediction, Statistical Approaches to Gene Prediction

**Unit III: Genome Algorithms**: Genome Rearrangements, Sorting by Reversals, Block Alignment and the Four-Russians Speedup, Constructing Alignments in Sub-quadratic Time, Protein Sequencing and Identification, the Peptide Sequencing Problem, Introduction to Nature Inspired Algorithms.

**Unit IV: Microarray Data Analysis**: Microarray technology for genome expression study, Image analysis for data extraction, Data analysis for pattern discovery, gene regulatory network analysis

**Unit V: Phylogenetic**: Neighborôs relation method, Neighbor-joining method, Maximum likelihood Approaches, Multiple Sequence Methods Structural Biology, Sequence, organisms, 3D structures, complexes, Assemblies, Case Studies, examples

**Unit VI: Drug Discovery &Next Gen Sequencing**: Similarities/differences between drugs and receptors, protein-ligand docking, Massively Parallel Signature Sequencing (MPSS), SOLiD sequencing, Single molecule real time (SMRT) sequencing .

**Text Books**:

1) Dan E. Krane, Michael L. Raymer, ñFundamental Concepts of Bioinformatics,ò, Pearson Education, Inc. Fourth Edition, 9780805346336.

2) Harshawardhan P. Bal, ñBioinformatics Principles and Applicationsò, Tata McGraw-Hill, seventh reprint, 9780195692303.

**Reference Books**:

1) Teresa Attwood, David Parry-Smith, ñIntroduction to Bioinformaticsò, Pearson Education Series, 9788180301971

2) R. Durbin, S. Eddy, A. Krogh, G. Mitchison., ñBiological Sequence Analysis: Probabilistic Models of proteins and nucleic acidsò, Cambridge University Press, 9780521629713.

## 5IT05 OPEN ELECTIVE - I (III) CYBER LAW & ETHICS

**Course Objectives:**

1. To identify and describe the major types of cyber crime.
2. To identify cyber crime vulnerabilities and exploitations of the Internet.
3. To understand the law with regards to the investigation and prosecution of cyber criminals.
4. To identify appropriate law enforcement strategies to both prevent and control cyber crime.
5. Explain jurisdictional challenges that nations face when responding to cybercrime

**Course outcomes:**

1. Understand Cyber laws
2. Describe Information Technology act and Related Legislation
3. Demonstrate Electronic business and legal issues.
4. Interpret Cyber Ethics.

**Unit I: Introduction to Cyber law:** Evolution of computer Technology, emergence of cyber space. Cyber Jurisprudence, Jurisprudence and law, Doctrinal approach, Consensual approach, Real Approach, Cyber Ethics, Cyber Jurisdiction, Hierarchy of courts, Civil and criminal jurisdictions, CyberspaceWeb space, Web hosting and web Development agreement, Legal and Technological Significance of domain Names, Internet as a tool for global access.

**Unit II Information Technology Act:** Overview of IT Act, 2000, Amendments and Limitations of IT Act, Digital Signatures, Cryptographic Algorithm, Public Cryptography, Private Cryptography, Electronic Governance, Legal Recognition of Electronic Records, Legal Recognition of Digital Signature, Certifying Authorities, Cyber Crime and Offences, Network Service Providers Liability, Cyber Regulations Appellate Tribunal, Penalties and Adjudication.

**Unit III : Cyber law and Related Legislation:** Patent Law, Trademark Law, Copyright, Software ï Copyright or Patented, Domain Names and Copyright disputes, Electronic Data Base and its Protection, IT Act and Civil Procedure Code, IT Act and Criminal Procedural Code, Relevant Sections of Indian Evidence Act, Relevant Sections of Bankers Book Evidence Act, Relevant Sections of Indian Penal Code, Relevant Sections of Reserve Bank of India Act, Law Relating To Employees And Internet, Alternative Dispute Resolution, Online Dispute Resolution (ODR).

**Unit IV : Electronic Business and legal issues:** Evolution and development in E-commerce, paper vs paper less contracts E-Commerce models- B2B, B2C, E security. Business, taxation, electronic payments, supply chain, EDI, E-markets, Emerging Trends.

**Unit V: Cyber Ethics:**The Importance of Cyber Law, Significance of cyber Ethics, Need for Cyber regulations and Ethics. Ethics in Information society, Introduction to Artificial Intelligence Ethics: Ethical Issues in AI and core Principles, Introduction to Block chain Ethics.

**Unit VI:** Software testing fundamentals; test case design, Whitebox testing. Basis path, control structure-, Blackbox-Testing, & for specialized environments. Strategic approach to S/W testing. Unit testing, integration testing, validation testing, system testing. Debugging. Technical metrics for software.

**Textbook:**
Pressman Roger. S: "Software Engineering, A Practitioner's Approach", TMH.

**Reference Books :**

1. Somerville: Software Engineering (Addison-Wesley) (5/e)
2. Davis A: Principles of Software Development (McGraw Hill)
3. Jawadekar W.S.: Software Engineering Principles and Practice, Mc Graw Hill.
4. Jalote Pankaj: An Integrated Approach to Software Engineering, Narosa Publications.

## 6KS06 / 6KE06 PROFESSIONAL ETHICS

**Unit I :** Introduction: Computers in a Social Context. Moral and Legal Issues. Computer Ethical Issues. Philosophical Ethics: Descriptive and Normative Claims, Ethical Relativism, Utilitarianism, Deontological Theories, Rights, Virtue Ethics, Individual and Social Policy Ethics. Professional Ethics: Characteristics and system of Professions, Computing as Profession, Professional Relationships, Conflicting Responsibilities, Code of Ethics and Professional Conduct, Collective Responsibility. **08 Hrs**

**Unit II :** Ethics and The Internet: Three Morally Significant Characteristics, Hacking and Hacker Ethics, New Species of Old Crime, Netiquette, And Policy Approaches. Computers and Privacy issues, Legislative Background, Global Perspective, Proposals for Better Privacy Protection. Property Rights in Computer Software: Definitions, Current Legal Protection, Philosophical basis and analysis of Property, Proprietary Software, and Software Copying. **08 Hrs**

**Unit III :** Accountability, Computer and Information Technology: Different Senses of Responsibility, Buying and Selling Software, Y2K Problem, Diffusion of Accountability, Internet Issues, ISP Liability, and Virtual Action. Technology and Social change, Embedded Values, Enhanced and Impeded Values, Democratic Values in the Internet, Internet as Democratic Technology, Access and the Digital Divide, Free Expression, Overarching and Future Issues. **08Hrs**



**Text Book:**
Deborah G. Johnson: "Computer Ethics" Pearson Education (Third Edition).

**Reference Books:**

1. George Reynolds: "Ethics in Information Technology" Cengage Learning.
2. Hester and Ford: "Computers and Ethics in the Cyberage.
3. Duncan Langford: "Internet Ethics"
4. Richard A. Spinello: "Case Studies in Information Technology Ethics" PHI.

**6KS07 Operating Systems Lab.:** Minimum Eight experiments/programming assignments must be completed based on the respective syllabus uniformly covering each of the units.

**6KS08 Database Systems Lab.:** Minimum Eight experiments/programming assignments must be completed based on the respective syllabus uniformly covering each of the units along with one mini project.

**6KS09 Computer Lab-II (Hardware Lab):** This lab is based on PC organization, troubleshooting & maintenance.
Student should perform practical on the following areas of PC:

1. PC models.
2. Inside the PC.
3. Preventive maintenance.
4. PC troubleshooting.
5. Semiconductor memories
6. Power supplies & power protection
7. Hard Disks: installing, configuring & maintenance
8. SCSI drives
9. Printers & their troubleshooting
10. Modems & serial interfaces, USB's and Devices.
11. Keyboard, Mice, Video adapters & displays
12. Sound boards, Video capture & CD ROMs.
13. Study of PC Ports & Interfacing Cards.

**Books :**

1. Mark Minasi : Complete PC upgrade & Maintenance Guide (BPB)
2. Scott Muller: Upgrading and Repairing PCs 12/e (Que)

**Reference Books:**

1. Fairly R: Software Engineering (McGraw Hill)
2. Davis A: Principles of Software Development (McGraw Hill)
3. Shooman, M.L: Software Engineering (McGraw-Hill)

## 5IT04 PROFESSIONAL ELECTIVE - I (i) INFORMATION SECURITY SYSTEM

**Course Objectives:**

1. Understand the basics of Information Security
2. Know the legal, ethical and professional issues in Information Security
3. Know the aspects of risk management
4. Become aware of various standards in this area
5. Know the technological aspects of Information Security

**Course Outcomes:**

The learning outcomes are:

1. Study the foundational theory behind information security.
2. Discuss the basic information security.
3. Illustrate the legal, ethical and professional issues.
4. Discuss the aspects of risk management.
5. Summarize various standards for information security.
6. Explain the security techniques.

**Course Contents:**

**UNIT I: Introduction to Information Security:** History, What is Information Security?, Critical Characteristics of Information, NSTISSC Security Model, Components of an Information System, Securing the Components, Balancing Security and Access, The SDLC, The Security SDLC

**UNIT II : Security Investigation:** Need for Security, Business Needs, Threats, Attacks, Legal, Ethical and Professional Issues.

**UNIT III : Legal, Ethical, and Professional Issues in Information Security:** Law and Ethics in Information Security, International Laws and Legal Bodies, Ethics and Information Security.

**UNIT IV : Security Analysis:** An Overview of Risk Management, Risk Identification, Risk Assessment, Risk Control Strategies.

**UNIT V : Planning for Security:** Information Security Planning and Governance. Information Security Policy, Standards, and Practices, the Information Security Blueprint, Security Education, Training, and Awareness Program. Continuity Strategies .

**UNIT VI : Cryptography:** Foundations of Cryptology, Cipher Methods, Cryptographic Algorithms, Cryptographic Tools, Protocols for Secure Communications, Attacks on Cryptosystems.

**TEXT BOOK :** Michael E Whitman and Herbert J Mattord, ñPrinciples of Information Securityò, Vikas Publishing House, New Delhi, 2003.

**REFERENCE BOOKS:**

1. Micki Krause, Harold F. Tipton, ñ Handbook of Information Security Managementò, Vol 1-3 CRC Press LLC, 2004.111
2. William Stallings ,"Cryptography and Network Security: Principles and Practice", 6th Edition, Prentice Hall
3. M. Stamp, ñInformation Security: Principles and Practice,ò 2nd Edition, Wiley, ISBN: 0470626399, 2011.
4. Nina Godbole, ñ Information Systems Securityò, Wiley India Pvt. Ltd, ISBN -978-81-265-1692-6
5. Mark Merkow, ñ Information Security-Principles and Practicesò, Pearson Ed. 978-81-317-1288- 7.

## 5IT04 PROFESSIONAL ELECTIVE - I (ii) DATA SCIENCE & STATISTICS

**Course Objectives:**

Throughout the course, students will be expected to demonstrate their understanding of Data Science & Statistics by being able to do each of the following:

1. Organize, manage and present data.
2. Understand basic theoretical and applied principles of statistics.
3. Analyze statistical data using measures of central tendency, dispersion and location.
4. Introduce students to the basic concepts and techniques of Data Science.
5. Acquire knowledge of regression methods and classification methods.

**Course Outcomes:**

On completion of the course, the students will be able to:

1. Gain knowledge about basic concepts of Data Science & Statistics.
2. Demonstrate proficiency with statistical analysis of data.
3. Analyze statistical data graphically using frequency distributions and cumulative frequency distributions.
4. Develop the ability to build and assess data-based models.
5. Evaluate models generated from data

**UNIT VI :** Direct Energy Conversion:- Photo voltaic cells : Principle, concept of energy conversion, conversion efficiency, power output and performance, storage. Fuel Cells: Principles types of fuel cells, conversion efficiency. Geothermal Energy Resources, power generation methods like vapour dominated. water dominated, flash steam, binary fluid and total flow concept of power generation. **(7 Hrs)**

**Books Recommended:**

**Text Books:-**

1. Solar Energy; S.P. Sukhatme; TMH
2. Non-Conventional Energy Sources; G.D. Rai; Khanna Publications

**Reference Books:-**

1. Treatise on Solar Energy; H.P. Garg; John Wiley & Sons.
2. Renewable Energy Conversion, Transmission and Storage; Bent Sorensen; Elsevier Publication
3. Renewable Energy; Godfrey Boyle; Oxford University Press, Mumbai
4. Renewable Energy Sources and Emerging Technology; D.P. Kothari, K.C. Singal, Rakesh Ranjan; PHI

## 6FEME05 FREE ELECTIVE-II
## (3) ENERGY MANAGEMENT
### Section-A

**UNIT-I:** Introduction to energy, Sources of energy, Forms of energy, Energy reserves, renewable energy sources, Units of energy. Energy consumption and GDP. Need and importance of energy conservation and management (7 Hrs)

**UNIT-II :** Energy audit concepts, Mass and Energy balances, Energy Auditing-methodology, analysis and reporting, Evaluation of energy conserving opportunities, Economic analysis and life cycle costing. (7 Hrs)

**UNIT-III :** Energy conservation in steam generation and supply system. Boiler performance, Boiler efficiency (direct and indirect method), excess air, flue-gas monitoring. (7 Hrs)

### Section - B

**UNIT-IV :** Energy conservation Energy conservation in compressed air systems, refrigeration and air-conditioning systems and water systems. Elementary coverage of energy conservation in pumps and fans. Opportunities in Process Industries for Energy conservation. (7 Hrs)

**UNIT-V :** Electrical energy conservation in building lighting, heating, ventilating and air conditioning, Energy efficient motor, power factor improvement in power systems. (9Hrs)



**UNIT-VI :** Energy environment interaction, Environmental issues, Global warning, Carbon dioxide emissions, Depletion of ozone layer, Government's regulations, Energy economy interaction. (7 Hrs)

**Books Recommended**

**Text Books:**

1. P.H. Henderson; India – The Energy Sector; Oxford University Press.
2. D. A. Ray; Industrial Energy Conservation; Pergamon Press.

**Reference Books:**

1. W.S. Turner; Energy Management Handbook (Wiley)..
2. Rajan; Optimizing Energy Efficiency in the Industry, Tata McGraw Hill Publishers.
3. C.L Capehart; Guide to Energy Management, Fairmont Press.

## 6ME06 COMMUNICATION SKILLS

**Unit I :** Comprehension over an unseen passage.
Comprehension - A - word study :- Synonym, antonym, meanings, matching words, adjectives, adverbs, prefix and suffix, correct forms of commonly misspelled words, understanding of the given passage, reading
Comprehension - B - Structure study :- Simple and compound sentences, types of conjunctions, singular and plural, tenses and their effect on verb forms. Use of - not only - but also, if clause, since, may, can, could, would, too etc.
Active and passive forms, negative and interrogative, punctuation and capitalization. Summary, Precise & abstract writing. **(10 Hours)**

**Unit II:** Theoretical background - importance of communication, its process, model of communication its components & barriers. Verbal communication, its significance, types of written communication, organization of a text (Titles, summaries, headings, sequencing, signaling, cueing etc.), Important text factors (length of paragraph, sentences, words, clarification and text difficulty). Evaluation of written communication for its effectivity and subject content.
Non-verbal communication, types of graphics and pictorial devices. **(10 Hours)**

**Unit III:** Specific formats for written communication like – business correspondence, formal reports, technical proposals, research papers and articles, advertising and graphics. Format for day-to-day written communication like writing applications, Resume, notices, minutes, quotations, orders, enquiries etc. Claim letter.

**B.E. / B.Text./ B.Tech.** **Prospectus No.** 141712
**Semester VII & VIII**

# संत गाडगे बाबा अमरावती विद्यापीठ

# SANT GADGE BABA AMRAVATI UNIVERSITY

**(Faculty of Engineering & Technology)**

## PROSPECTUS
## Prescribed for
## Four Year Degree Course
## Bachelor of Engineering / Bachelor of Technology
## Semester VII & VIII
## (CREDIT GRADE SYSTEM)

**BRANCHES**

1) Production Engineering
2) Electronics & Telecommunication Engineering
3) Electronics Engineering
4) Instrumentation Engineering
5) Computer Science and Engineering
6) Computer Engineering.
7) Textile Engineering
8) Chemical Engineering
9) Polymer (Plastic) Technology
10) Food, Pulp & Paper, Oil & Paint and Petrochemical Technology

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**Reference Books:**

1. Fairly R: Software Engineering (McGraw Hill)
2. Davis A: Principles of Software Development (McGraw Hill)
3. Shooman, M.L: Software Engineering (McGraw-Hill)

## 5IT04 PROFESSIONAL ELECTIVE - I (i) INFORMATION SECURITY SYSTEM

**Course Objectives:**

1. Understand the basics of Information Security
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3. Know the aspects of risk management
4. Become aware of various standards in this area
5. Know the technological aspects of Information Security

**Course Outcomes:**

The learning outcomes are:

1. Study the foundational theory behind information security.
2. Discuss the basic information security.
3. Illustrate the legal, ethical and professional issues.
4. Discuss the aspects of risk management.
5. Summarize various standards for information security.
6. Explain the security techniques.

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**UNIT VI : Cryptography:** Foundations of Cryptology, Cipher Methods, Cryptographic Algorithms, Cryptographic Tools, Protocols for Secure Communications, Attacks on Cryptosystems.

**TEXT BOOK :** Michael E Whitman and Herbert J Mattord, ñPrinciples of Information Securityò, Vikas Publishing House, New Delhi, 2003.

**REFERENCE BOOKS:**

1. Micki Krause, Harold F. Tipton, ñ Handbook of Information Security Managementò, Vol 1-3 CRC Press LLC, 2004.111
2. William Stallings ,"Cryptography and Network Security: Principles and Practice", 6th Edition, Prentice Hall
3. M. Stamp, ñInformation Security: Principles and Practice,ò 2nd Edition, Wiley, ISBN: 0470626399, 2011.
4. Nina Godbole, ñ Information Systems Securityò, Wiley India Pvt. Ltd, ISBN -978-81-265-1692-6
5. Mark Merkow, ñ Information Security-Principles and Practicesò, Pearson Ed. 978-81-317-1288- 7.

## 5IT04 PROFESSIONAL ELECTIVE - I (ii) DATA SCIENCE & STATISTICS

**Course Objectives:**

Throughout the course, students will be expected to demonstrate their understanding of Data Science & Statistics by being able to do each of the following:

1. Organize, manage and present data.
2. Understand basic theoretical and applied principles of statistics.
3. Analyze statistical data using measures of central tendency, dispersion and location.
4. Introduce students to the basic concepts and techniques of Data Science.
5. Acquire knowledge of regression methods and classification methods.

**Course Outcomes:**

On completion of the course, the students will be able to:

1. Gain knowledge about basic concepts of Data Science & Statistics.
2. Demonstrate proficiency with statistical analysis of data.
3. Analyze statistical data graphically using frequency distributions and cumulative frequency distributions.
4. Develop the ability to build and assess data-based models.
5. Evaluate models generated from data

**Unit II: Sequence Alignment**: Simple alignments, Gaps, Scoring Matrices, Global and Local Alignments, Smith-Waterman Algorithm, Multiple sequence Alignments, Gene Prediction, Statistical Approaches to Gene Prediction

**Unit III: Genome Algorithms**: Genome Rearrangements, Sorting by Reversals, Block Alignment and the Four-Russians Speedup, Constructing Alignments in Sub-quadratic Time, Protein Sequencing and Identification, the Peptide Sequencing Problem, Introduction to Nature Inspired Algorithms.

**Unit IV: Microarray Data Analysis**: Microarray technology for genome expression study, Image analysis for data extraction, Data analysis for pattern discovery, gene regulatory network analysis

**Unit V: Phylogenetic**: Neighborôs relation method, Neighbor-joining method, Maximum likelihood Approaches, Multiple Sequence Methods Structural Biology, Sequence, organisms, 3D structures, complexes, Assemblies, Case Studies, examples

**Unit VI: Drug Discovery &Next Gen Sequencing**: Similarities/differences between drugs and receptors, protein-ligand docking, Massively Parallel Signature Sequencing (MPSS), SOLiD sequencing, Single molecule real time (SMRT) sequencing .

**Text Books**:

1) Dan E. Krane, Michael L. Raymer, ñFundamental Concepts of Bioinformatics,ò, Pearson Education, Inc. Fourth Edition, 9780805346336.

2) Harshawardhan P. Bal, ñBioinformatics Principles and Applicationsò, Tata McGraw-Hill, seventh reprint, 9780195692303.

**Reference Books**:

1) Teresa Attwood, David Parry-Smith, ñIntroduction to Bioinformaticsò, Pearson Education Series, 9788180301971

2) R. Durbin, S. Eddy, A. Krogh, G. Mitchison., ñBiological Sequence Analysis: Probabilistic Models of proteins and nucleic acidsò, Cambridge University Press, 9780521629713.

## 5IT05 OPEN ELECTIVE - I (III) CYBER LAW & ETHICS

**Course Objectives:**

1. To identify and describe the major types of cyber crime.
2. To identify cyber crime vulnerabilities and exploitations of the Internet.
3. To understand the law with regards to the investigation and prosecution of cyber criminals.
4. To identify appropriate law enforcement strategies to both prevent and control cyber crime.
5. Explain jurisdictional challenges that nations face when responding to cybercrime

**Course outcomes:**

1. Understand Cyber laws
2. Describe Information Technology act and Related Legislation
3. Demonstrate Electronic business and legal issues.
4. Interpret Cyber Ethics.

**Unit I: Introduction to Cyber law:** Evolution of computer Technology, emergence of cyber space. Cyber Jurisprudence, Jurisprudence and law, Doctrinal approach, Consensual approach, Real Approach, Cyber Ethics, Cyber Jurisdiction, Hierarchy of courts, Civil and criminal jurisdictions, CyberspaceWeb space, Web hosting and web Development agreement, Legal and Technological Significance of domain Names, Internet as a tool for global access.

**Unit II Information Technology Act:** Overview of IT Act, 2000, Amendments and Limitations of IT Act, Digital Signatures, Cryptographic Algorithm, Public Cryptography, Private Cryptography, Electronic Governance, Legal Recognition of Electronic Records, Legal Recognition of Digital Signature, Certifying Authorities, Cyber Crime and Offences, Network Service Providers Liability, Cyber Regulations Appellate Tribunal, Penalties and Adjudication.

**Unit III : Cyber law and Related Legislation:** Patent Law, Trademark Law, Copyright, Software ï Copyright or Patented, Domain Names and Copyright disputes, Electronic Data Base and its Protection, IT Act and Civil Procedure Code, IT Act and Criminal Procedural Code, Relevant Sections of Indian Evidence Act, Relevant Sections of Bankers Book Evidence Act, Relevant Sections of Indian Penal Code, Relevant Sections of Reserve Bank of India Act, Law Relating To Employees And Internet, Alternative Dispute Resolution, Online Dispute Resolution (ODR).

**Unit IV : Electronic Business and legal issues:** Evolution and development in E-commerce, paper vs paper less contracts E-Commerce models- B2B, B2C, E security. Business, taxation, electronic payments, supply chain, EDI, E-markets, Emerging Trends.

**Unit V: Cyber Ethics:**The Importance of Cyber Law, Significance of cyber Ethics, Need for Cyber regulations and Ethics. Ethics in Information society, Introduction to Artificial Intelligence Ethics: Ethical Issues in AI and core Principles, Introduction to Block chain Ethics.

# CLE TEC

TEC EXAM
Date :09/05/2023
Time:
Syllabus:All 6 Units

* Indicates required question

1. Email *

2. Student Roll no * 1 point

3. Student name * 1 point

4. Student Email Id * 1 point

5. Student Branch * 1 point

*Mark only one oval.*

- 3N
- 3M

MCQs of CLE

Every question carry 1 mark
Syllabus:6Units

6. 1. **Hacking bank account related information is an example of _____** * 1 point

*Mark only one oval.*

- 1) software piracy
- 2) unauthorized access
- 3) cyber law
- 4) fair use

7. 2. **_____ provides legal recognition of transaction carried out by means of electronic commerce.** * 1 point

*Mark only one oval.*

- 1) IT act
- 2) Cyber Crime
- 3) Copyright
- 4) fairuse

8. 3. **The legal and regulatory aspects of internet refers to _____** * 1 point

*Mark only one oval.*

- 1) Cyber Law
- 2) Cyber Crime
- 3) Criminal Law
- 4) IT Act

9. 4. **Cyber Law is contained in _____** * 1 point

*Mark only one oval.*

- 1) IT Act, 2000
- 2) Negotiable Instrument Act
- 3) Power of Attorney
- 4) Code of Ethics

10. 5. **_____ is governed by a system of law and regulation called Cyber Law.** * 1 point

*Mark only one oval.*

- 1) Cyber Crime
- 2) Cyber Space
- 3) Company Law
- 4) Cyber Law

11. 6. **To maintain confidentiality of data and to promote integration of data is called as _____** * 1 point

*Mark only one oval.*

- 1) security
- 2) privacy
- 3) liability
- 4) accountability

12. 7. IT Act 2000 amended various sections of which of the following Acts * 1 point

*Mark only one oval.*

- 1.Indian Penal Code 1860
- 2.Reserve Bank of India Act 1934
- 3.Indian Evidence Act 1872 & Bankers Book Evidence Act 1891
- 4.All of the above

13. 8. Which section of IT Act 2000 deals with the punishment for cheating by impersonation by using computer resources? * 1 point

*Mark only one oval.*

- A.Section 66D
- B.Section 66C
- C.Section 66B
- D.Section 66F

14. 9. Which section of IT Act deals with Cyber terrorism? * 1 point

*Mark only one oval.*

- A.Section 66C
- B.Section 66B
- C.Section 66F
- D.Section 66A

15. 10. What is the punishment for hacking of computers? * 1 point

*Mark only one oval.*

- Three year imprisonment or 10 lakh rupees penalty or both
- Life Imprisonment
- Three year imprisonment or 5 lakh rupees penalty or both
- Three year imprisonment or 2 lakh rupees penalty or both

16. 11. What is the penalty for destroying computer source code? * 1 point

*Mark only one oval.*

- A.Three year imprisonment or 3 lakh rupees penalty or both
- B.Two year imprisonment or 2 lakh rupees penalty or both
- C.Three year imprisonment or 5 lakh rupees penalty or both
- D.Three year imprisonment or 2 lakh rupees penalty or both

17. 12. Which section of IT Act 2000 propose a punishment of life imprisonment? * 1 point

*Mark only one oval.*

- A.Section 66F
- B.Section 66C
- C.Section 66B
- D.Section 66A

18. 13.What is the proposed punishment for Cyber Terrorism in IT Act? * 1 point

*Mark only one oval.*

- A.1 Crore rupees penalty
- B.Life Imprisonment
- C.10 year imprisonment
- D.6 year imprisonment

19. 14.In which year the Indian IT Act, 2000 got updated? * 1 point

*Mark only one oval.*

- A.2006
- B.2008
- C.2010
- D.2012

20. 15. What type of cyber-crime, its laws and punishments does section 66 of the Indian IT Act holds? * 1 point

*Mark only one oval.*

- A.Cracking or illegally hack into any system
- B.Putting antivirus into the victim
- C.Stealing data
- D.Stealing hardware components

21. 16. Accessing computer without prior authorization is a cyber-crimes that come under _____ * 1 point

*Mark only one oval.*

- A.Section 65
- B.Section 66
- C.Section 68
- D.Section 70

22. 17. In which year India's IT Act came into existence? * 1 point

*Mark only one oval.*

- A.2000
- B.2001
- C.2002
- D.2003

23. 18. What is the name of the IT law that India is having in the Indian legislature? * 1 point

*Mark only one oval.*

- A.India's Technology (IT) Act, 2000
- B.India's Digital Information Technology (DIT) Act, 2000
- C.India's Information Technology (IT) Act, 2000
- D.The Technology Act, 2008

24. 19. What is the name of the IT law that India is having in the Indian legislature? * 1 point

*Mark only one oval.*

- A.India's Technology (IT) Act, 2000
- B.India's Digital Information Technology (DIT) Act, 2000
- C.India's Information Technology (IT) Act, 2000
- D.The Technology Act, 2008

25. 20. **Which are the section of the IT Act deals with Credit card fraud?** * 1 point

*Mark only one oval.*

- A.66, 66C, 66D
- B. 42, 67, 67A, 67B
- C. 43, 66, 66C, 66D
- D.None of the above

26. 21. **Which Act in India focuses on data privacy and information technology** * 1 point

*Mark only one oval.*

- A.IT Act 2000
- B. Banking Regulation Act 1949
- C. Indian Penal Code
- D.IT (amendment) Act 2008

27. 22. **Which section of IT Act 2000 deals with the punishment for cheating by impersonation by using computer resources?** * 1 point

*Mark only one oval.*

- A.Section 66D
- B. Section 66C
- C.Section 66F
- D. Section 66B

28. 23. **IT Act 2000 amended various sections of which of the following Acts** * 1 point

*Mark only one oval.*

- A.Indian Penal Code 1860
- B. Indian Evidence Act 1872 & Bankers Book Evidence Act 1891
- C. Reserve Bank of India Act 1934
- D. All the above

29. 24. **The following punishment is mentioned in which section of IT Act 2000** * 1 point

**'3 years of imprisonment and/or 5 lakh repees penalty for first conviction & 5 years of imprisonment and/or 10 lakh rupees penalty for second conviction'**

*Mark only one oval.*

- A.Section 67
- B.Section 65
- C. Section 66
- D.Section 64

30. 25. **Which section of IT Act deals with Child abuse** * 1 point

*Mark only one oval.*

- A.Section 67D
- B. Section 67F
- C. Section 67C
- D.Section 67B

31. 26. **Tampering with Computer Source Documents is _____ offence.** * 1 point

*Mark only one oval.*

- A.Bailable
- B.Non-bailable
- C.Non-cognizable
- D. Both (a) and (c)

32. 27. **What is the maximum penalty for damage to computer, computer system ?** * 1 point

*Mark only one oval.*

- A.50 Lakhs
- B. Rs. 1 crore
- C. Rs. 5 crore
- D.5 lakh

33. 28. **Those who fail to furnish documents, return, report to the Controller of Certifying Authorities will be penalized upto :** * 1 point

*Mark only one oval.*

- A.Rs. 5,000 per day
- B. Rs. 50,000
- C. Rs. 25,000 per day
- D. Rs. 1.5 lakh

34. 29.**Copying of a web-page or website and storing that copy for the purpose of speeding up** * 1 point

**subsequent access is called**

*Mark only one oval.*

- A.Browsing
- B.File Swapping
- C.Caching
- D. Downloading

35. 30. **The term ISP stands for** * 1 point

*Mark only one oval.*

- A.International Services Provider
- B. Internet Service Provider
- C. Internet Service Program
- D. Internet Social Policy

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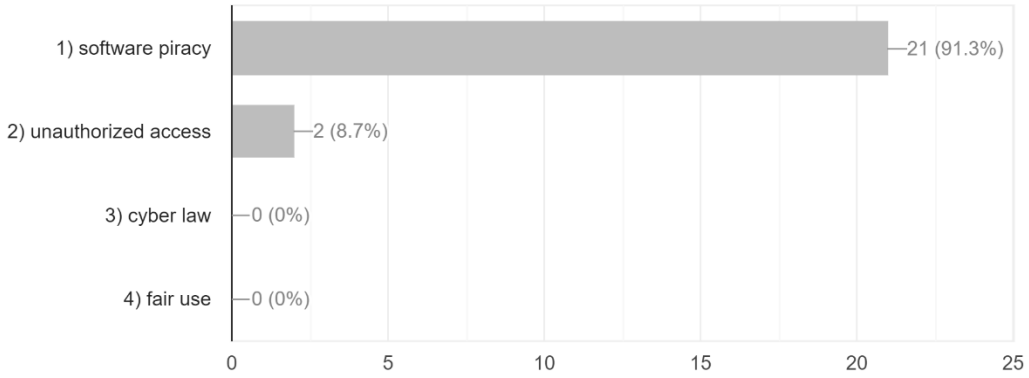
Google Forms

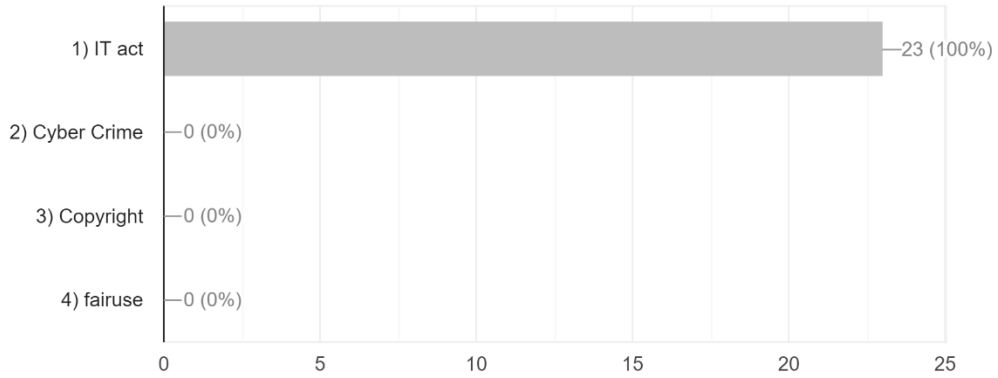
1. Hacking bank account related information is an example of _____

0 / 23 correct responses



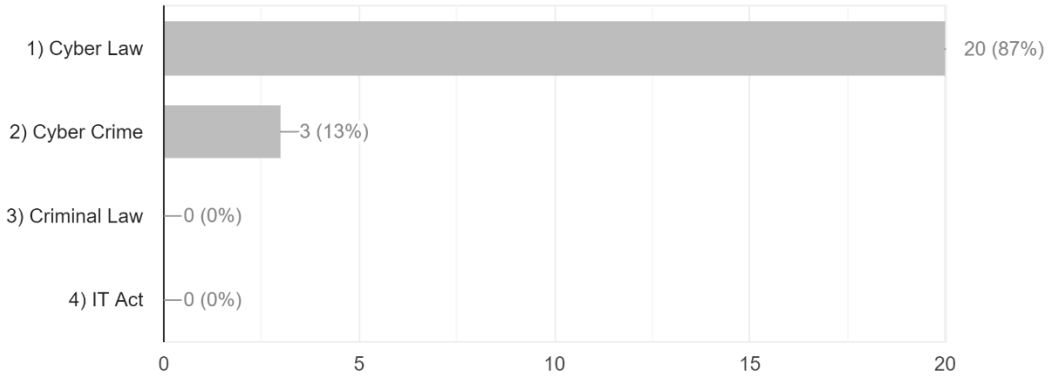

2. _____ provides legal recognition of transaction carried out by means of electronic commerce.

0 / 23 correct responses



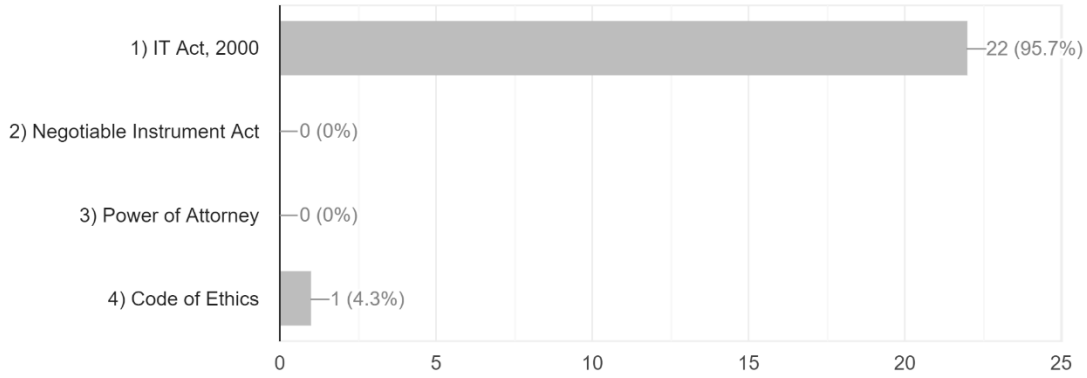

3. The legal and regulatory aspects of internet refers to _____

0 / 23 correct responses



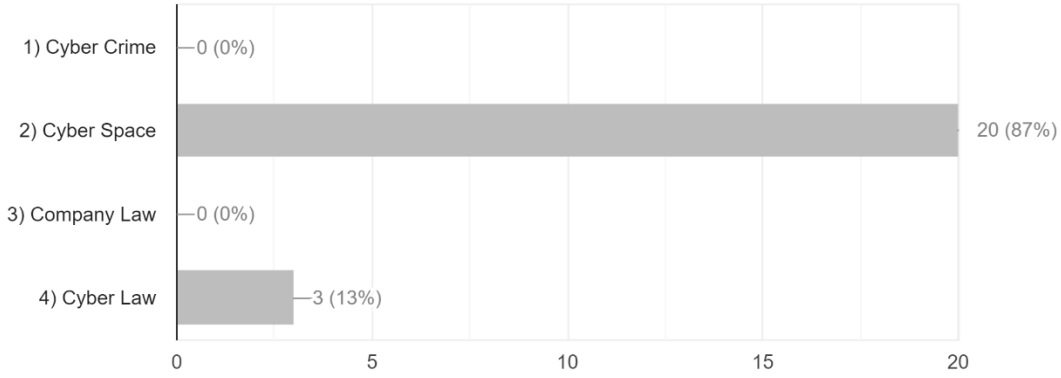
4. Cyber Law is contained in _____

0 / 23 correct responses



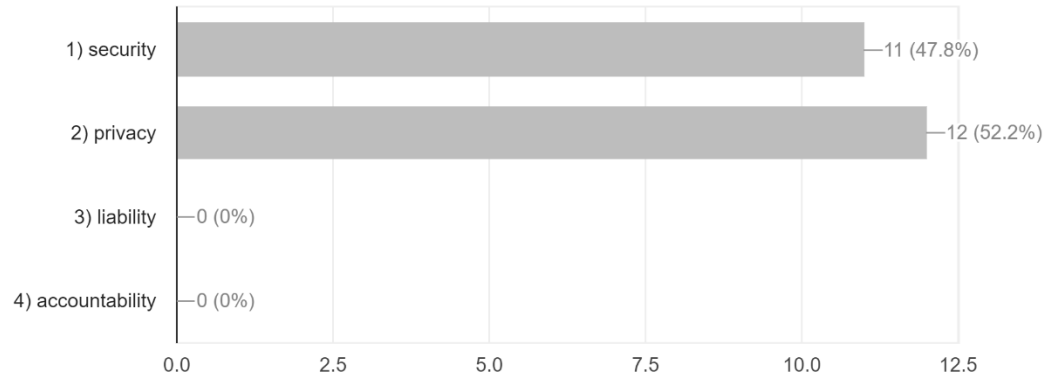

5. _____ is governed by a system of law and regulation called Cyber Law.

0 / 23 correct responses



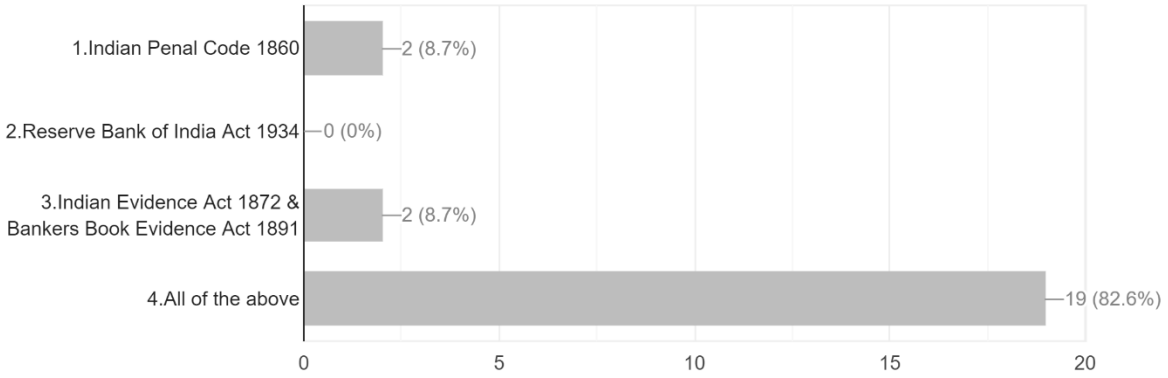

6. To maintain confidentiality of data and to promote integration of data is called as _____

0 / 23 correct responses



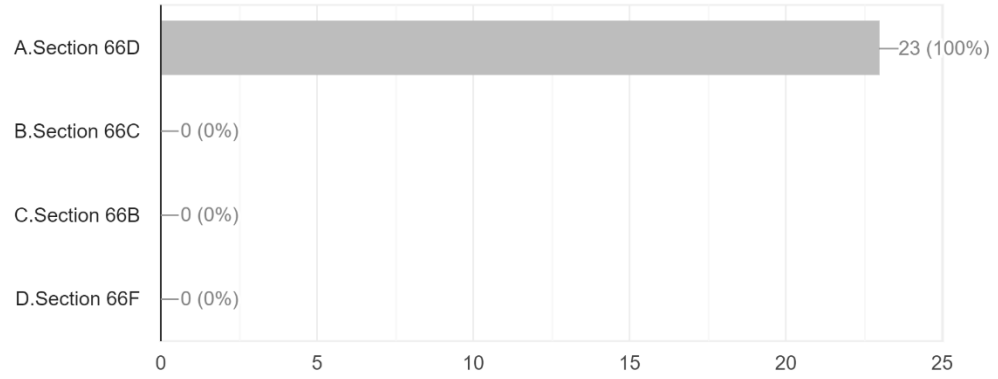
7. IT Act 2000 amended various sections of which of the following Acts

0 / 23 correct responses



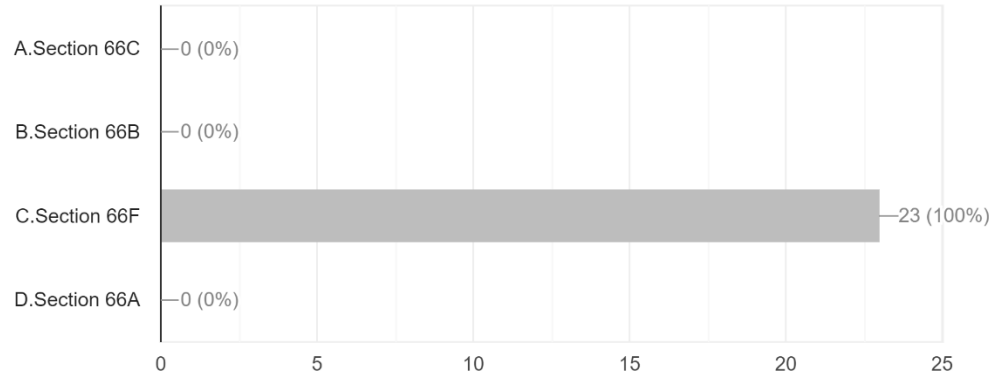

8. Which section of IT Act 2000 deals with the punishment for cheating by impersonation by using computer resources?

0 / 23 correct responses



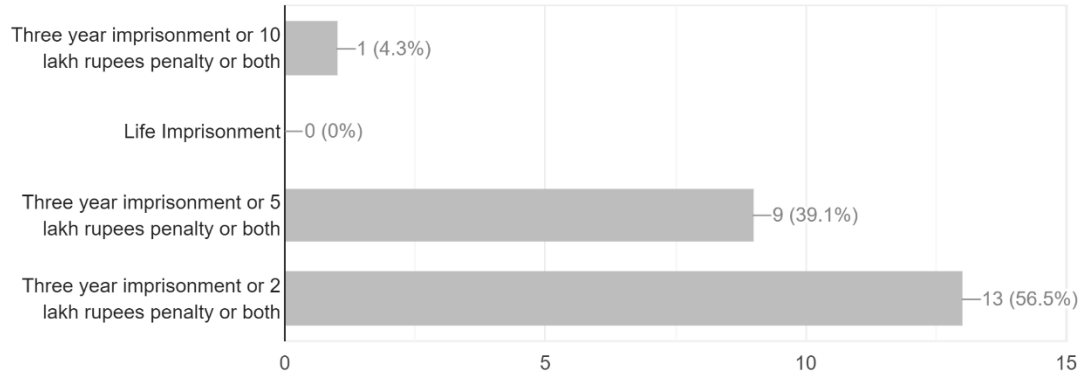

9. Which section of IT Act deals with Cyber terrorism?

0 / 23 correct responses



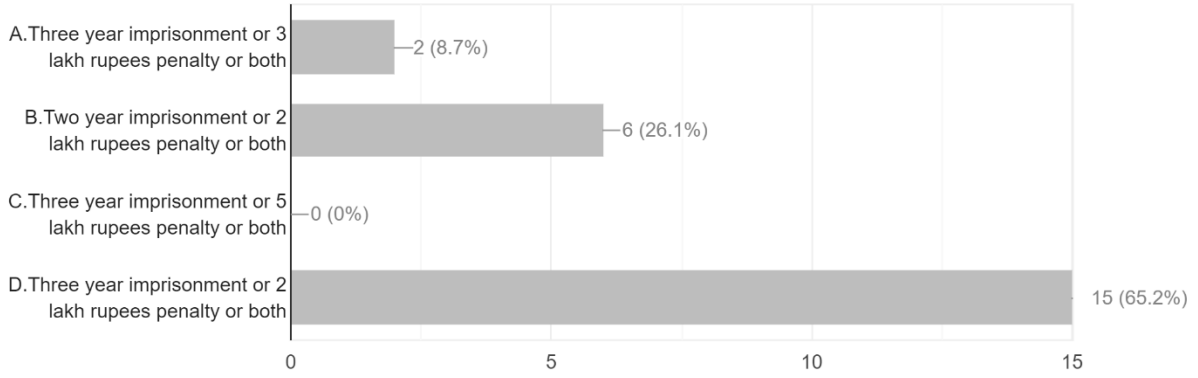
## 10. What is the punishment for hacking of computers?

0 / 23 correct responses



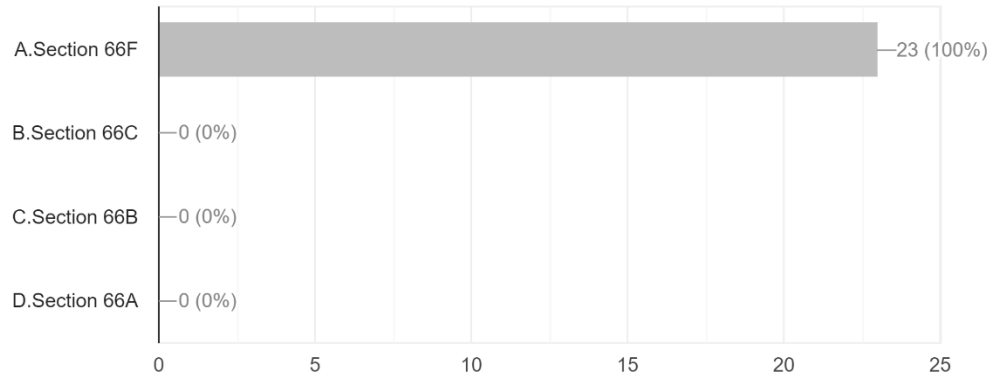

## 11. What is the penalty for destroying computer source code?

0 / 23 correct responses



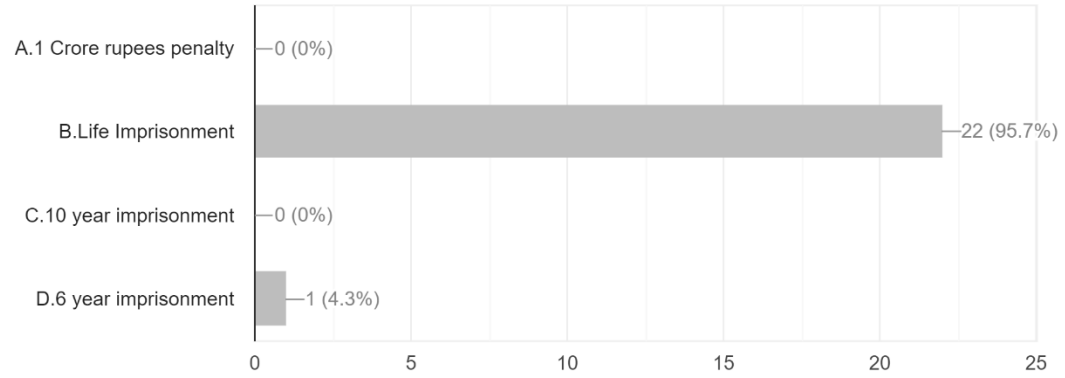

## 12. Which section of IT Act 2000 propose a punishment of life imprisonment?

0 / 23 correct responses



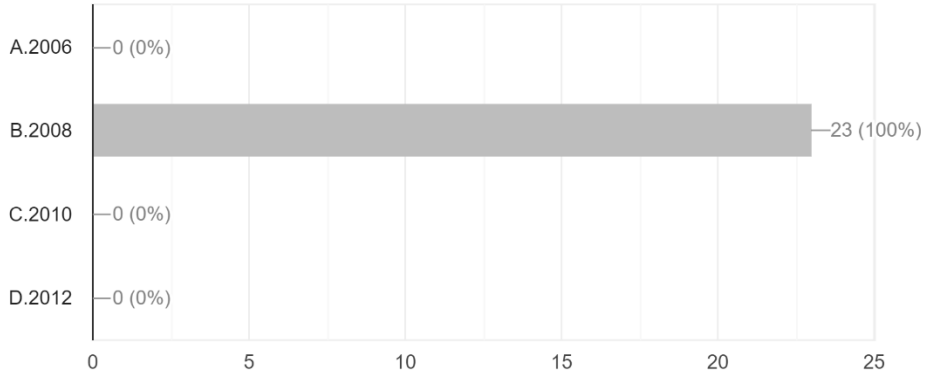
13.What is the proposed punishment for Cyber Terrorism in IT Act?

0 / 23 correct responses



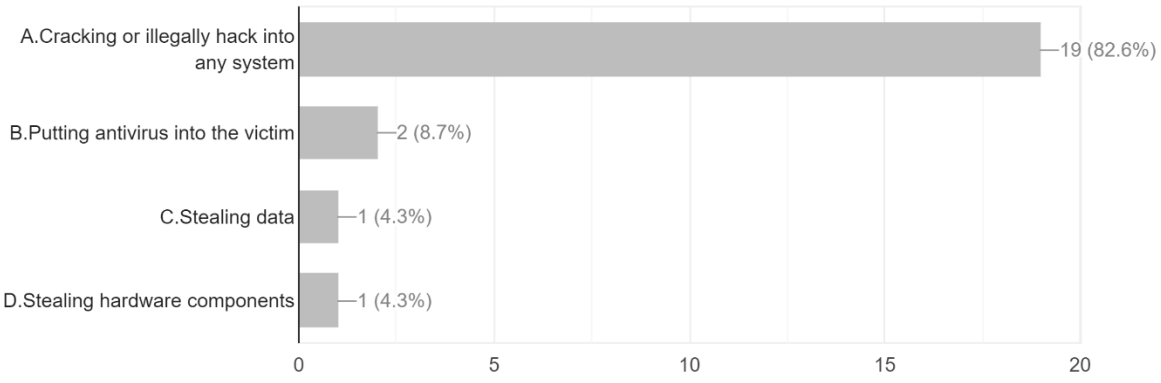

14.In which year the Indian IT Act, 2000 got updated?

0 / 23 correct responses



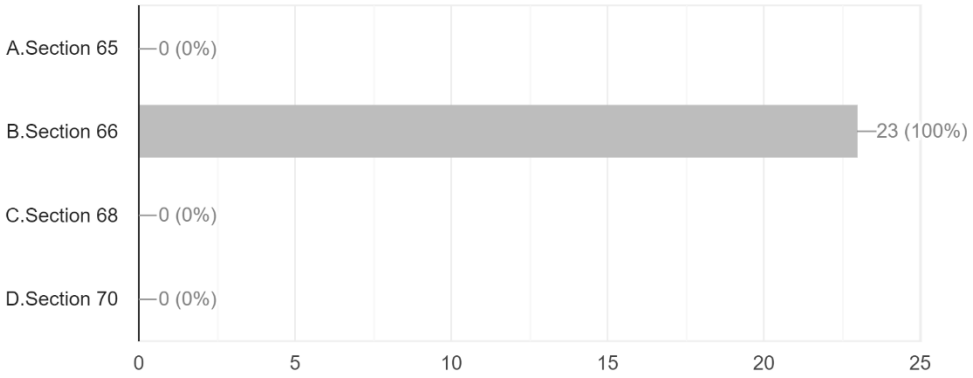

15. What type of cyber-crime, its laws and punishments does section 66 of the Indian IT Act holds?

0 / 23 correct responses



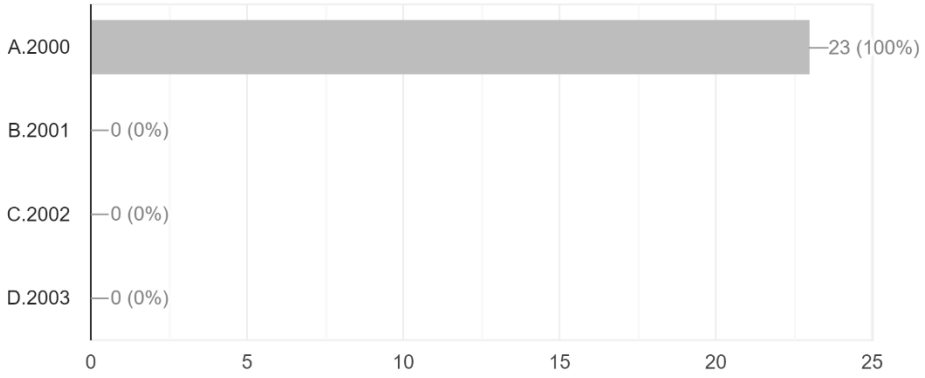
16. Accessing computer without prior authorization is a cyber-crimes that come under _____

0 / 23 correct responses



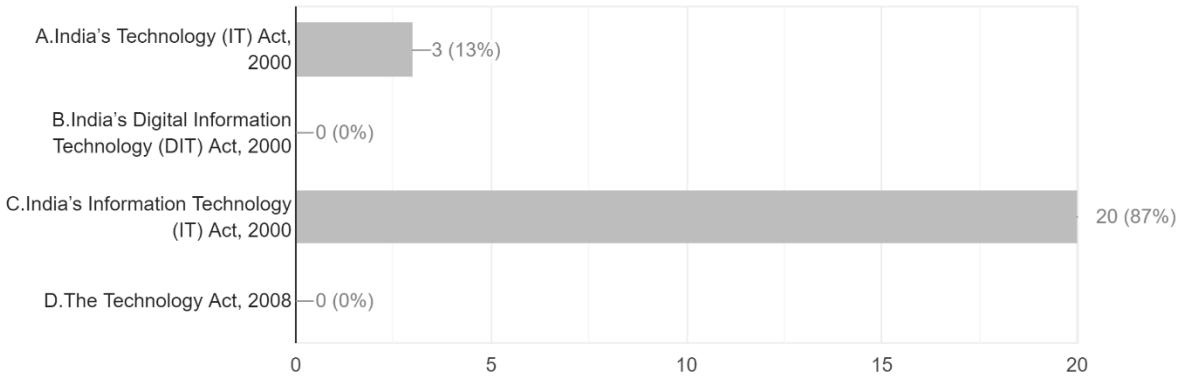

17. In which year India's IT Act came into existence?

0 / 23 correct responses



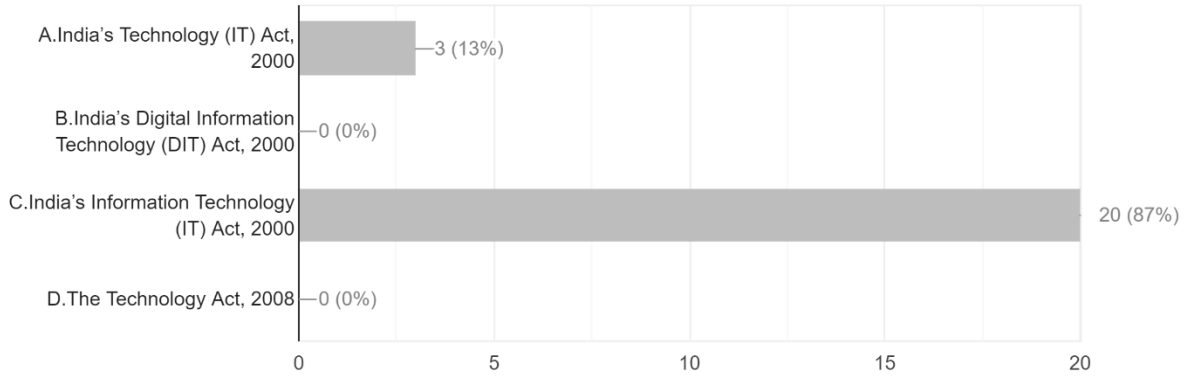

18. What is the name of the IT law that India is having in the Indian legislature?

0 / 23 correct responses



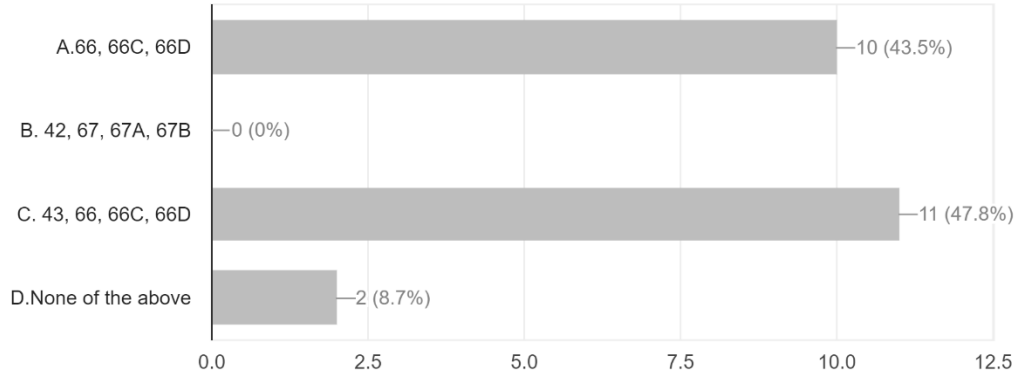
19. What is the name of the IT law that India is having in the Indian legislature?

0 / 23 correct responses



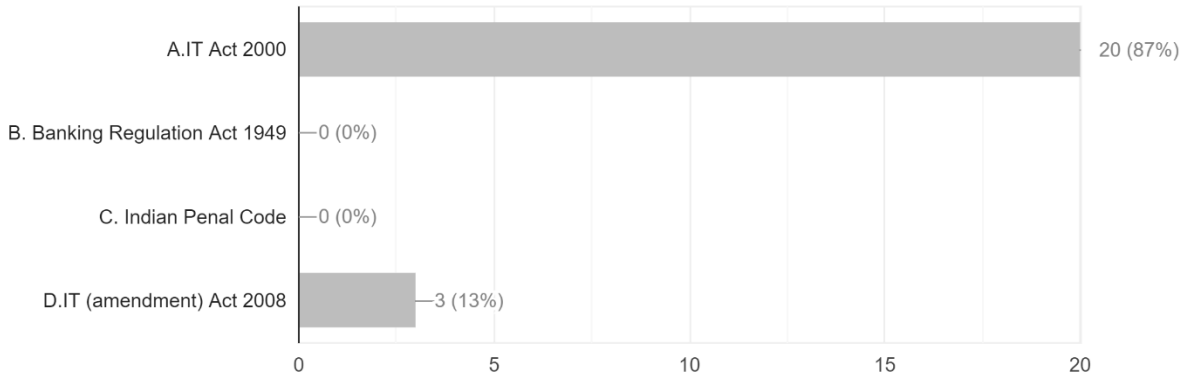

20. Which are the section of the IT Act deals with Credit card fraud?

0 / 23 correct responses



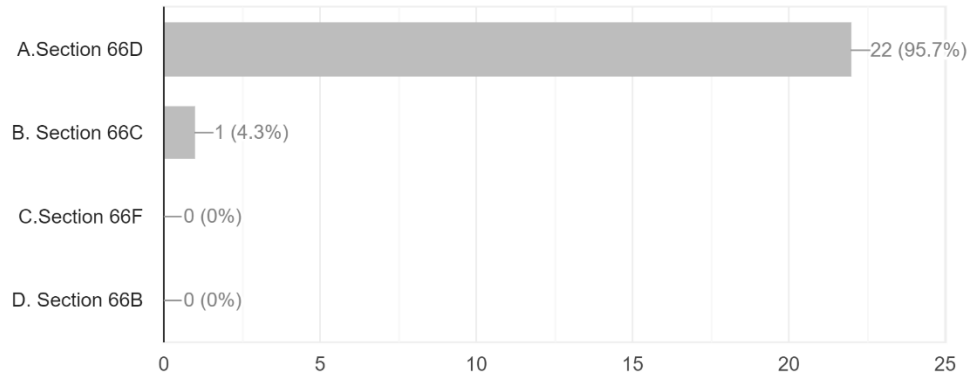

21. Which Act in India focuses on data privacy and information technology

0 / 23 correct responses



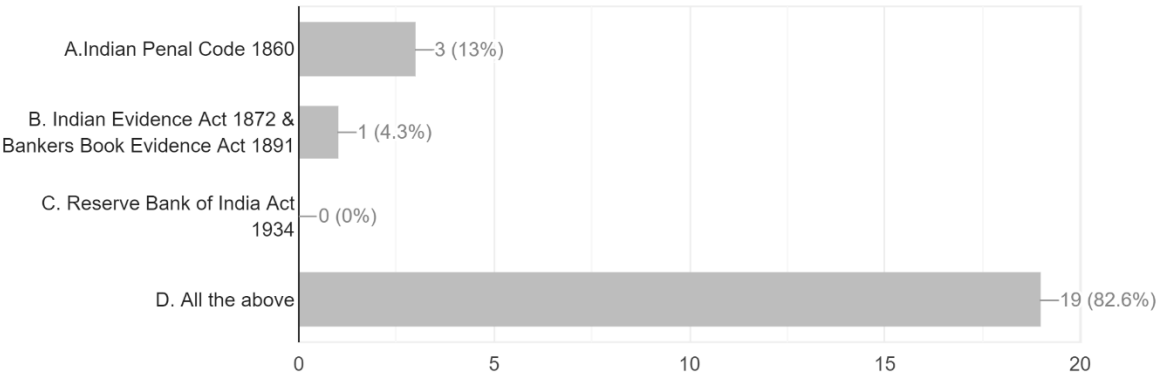
22. Which section of IT Act 2000 deals with the punishment for cheating by impersonation by using computer resources?

0 / 23 correct responses



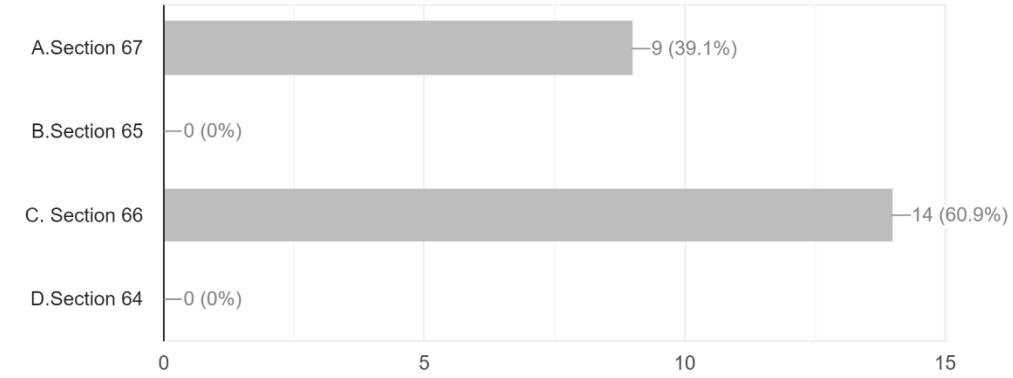

23. IT Act 2000 amended various sections of which of the following Acts

0 / 23 correct responses



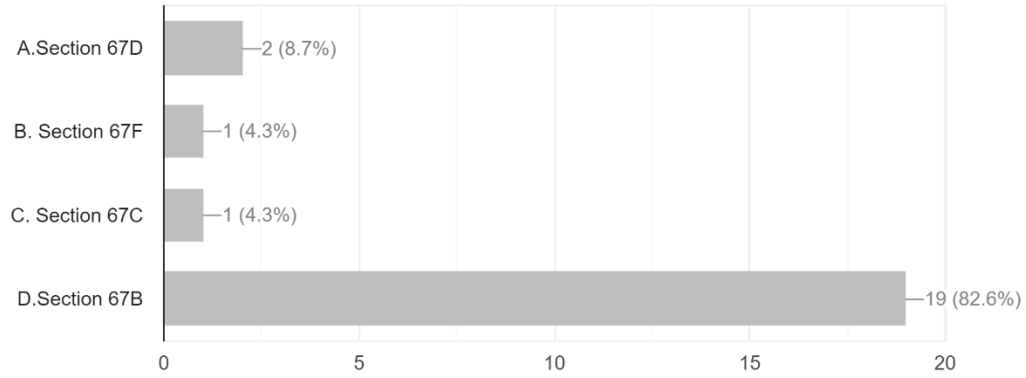

24. The following punishment is mentioned in which section of IT Act 2000 '3 years of imprisonment and/or 5 lakh repees penalty for first...d/or 10 lakh rupees penalty for second conviction'

0 / 23 correct responses



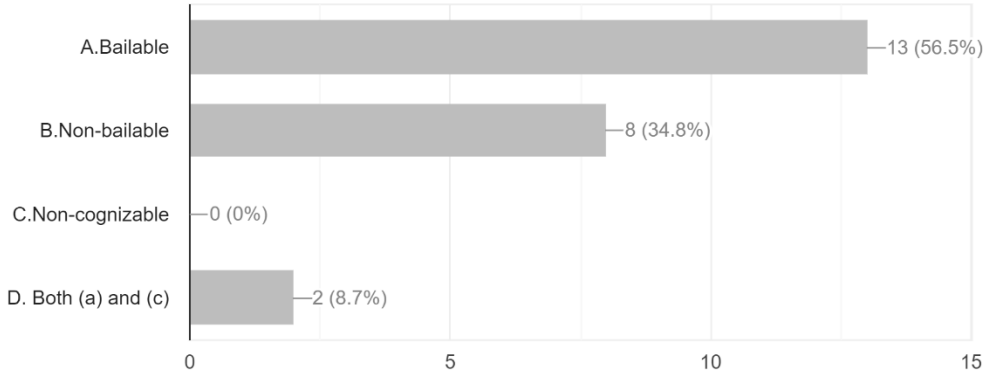
25. Which section of IT Act deals with Child abuse

0 / 23 correct responses



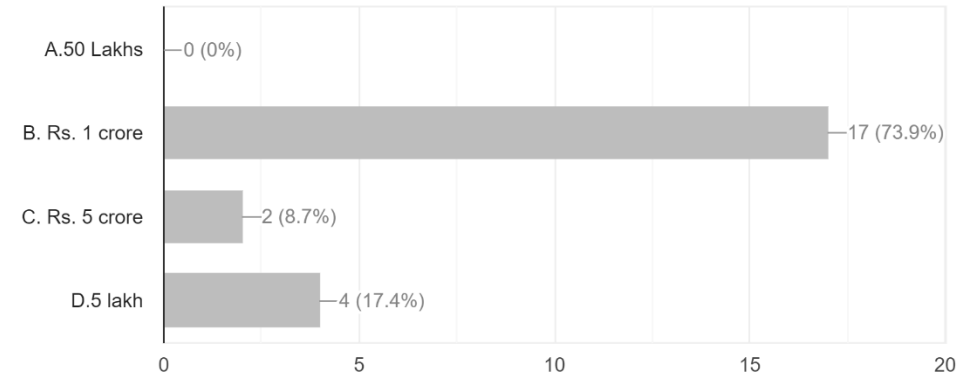

26. Tampering with Computer Source Documents is _____ offence.

0 / 23 correct responses



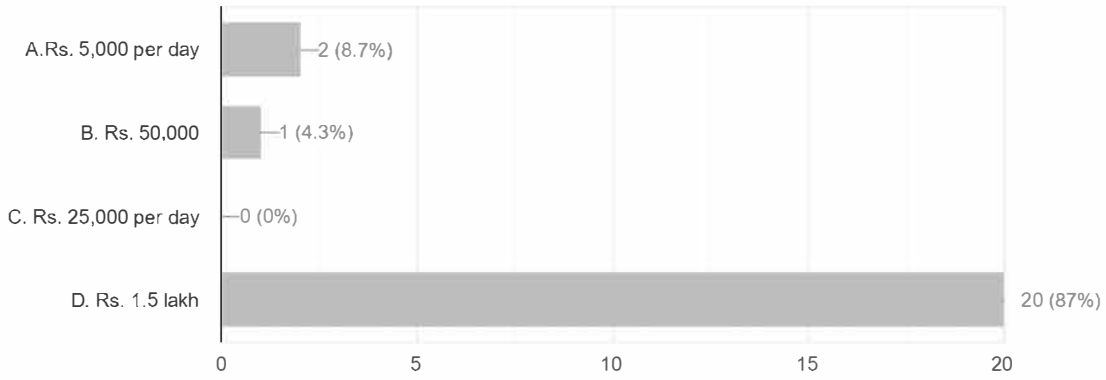

27. What is the maximum penalty for damage to computer, computer system ?

0 / 23 correct responses



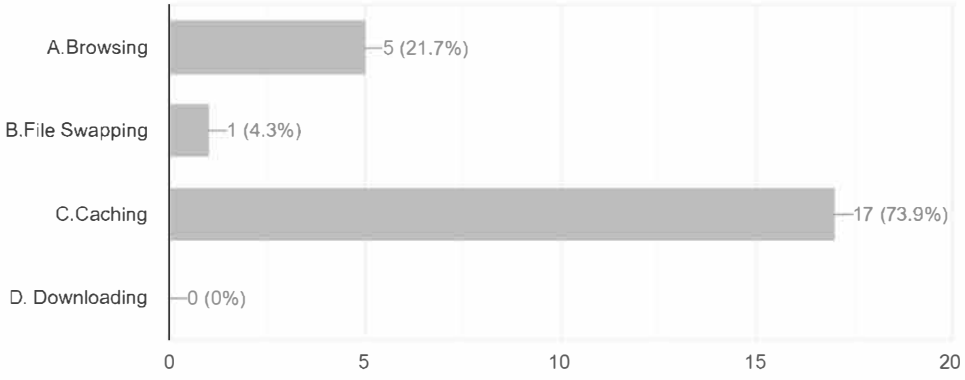
28. Those who fail to furnish documents, return, report to the Controller of Certifying Authorities will be penalized upto :

0 / 23 correct responses



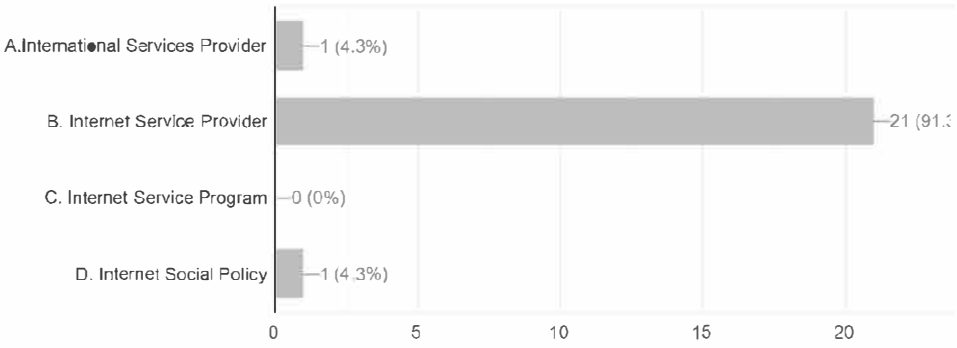

29.Copying of a web-page or website and storing that copy for the purpose of speeding up subsequent access is called

0 / 23 correct responses




30. The term ISP stands for

0 / 23 correct responses




Shri Sant Gajanan Maharaj College of Engineering SHEGAON 444 203

PRINCIPAL
Shri Sant Gajanan Maharaj
College of Engineering,Shegaon.

Coordinator
Dr.R.A.Zamare

SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
विद्यया अमृतम् अश्नुते
EST.1983

# END OF POINT

Shri Gajanan Shikshan Sanstha's
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING**
**SHEGAON – 444203, DIST. BULDHANA (MAHARASHTRA STATE), INDIA**
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82 Email.principal@ssgmce.ac.in,registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

## List of Activities Addressing Cross Cuttingissues

The curriculum not only incorporates crosscutting issues pertaining to professional ethics, gender, human values, environment, and sustainability but also actively responds to student feedback through a systematic analysis. To comprehensively address these concerns, a range of dynamic activities and initiatives are implemented

| SN | Title of the Program | Mapping |
|---|---|---|
| 1 | Visit at Thermal Power Station, Paras | Environment, and Sustainability |
| 2 | Industrial Tour to Super Thermal Power, Chandrapur and Anandwan, Warora | Environment, Ethics |
| 3 | Poster Presentation Competition on National Energy Conservation Day | Environment, and Sustainability |
| 4 | National Science Day Celebration | Environment, and Sustainability |
| 5 | Value added Courses by Faculty and Students | Professional ethics, gender, human values, environment, |
| 6 | Industrial visit to Sevagram AashramWardha | Ethics, Human Values |
| 7 | Holistic Management workshop | Human Values |
| 8 | Celebration of Youth Day | Human Values, Gender sensitization |
| 9 | Research Paper Presentation | Professional ethics |
| 10 | Workshop on Enterpreneurship , skill attitude and behaviour | Professional ethics |
| 11 | Guest Talk on "Need for Values in Global Change | Professional ethics, Human Values |
| 12 | Publication in Journal | Professional ethics, Environment |
| 13 | A talk on "What do we value at SSGMCE" by Dr Kalindi Bhatt | Professional ethics, Human Values |
| 14 | How to Overcome Challenges in the Students through Effective Mentorship? | Professional ethics, Human Values |
| 15 | Guest lecture on Cancer awareness | Gender sensitization |
| 16 | "Discovery of Inner World Through Himalayan Meditation | Ethics, Human Values |
| 17 | Expert Talk on "Affordable and Clean Energy – The New Paradigm of Sustainable Development & Role of Electrical Engineers" | Environment, and Sustainability |
| 18 | One-Day Workshop **"Solar PV System"** | Environment, and Sustainability |
| 19 | Panel Discussion on Women Empowerment: Work, Health and Society | Gender sensitization |

Ph : +918669638081/82
Email.principal@ssgmce.ac.in,registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

| | | |
|---|---|---|
| 20 | Guest lecture on "Women and Law" | Gender sensitization, Professional Ethics |
| 21 | Talk on "Light after Darkness "by Women Rights Activist Nargis Taraki | Gender sensitization, |
| 22 | Cleanliness Drive | Environment, and Sustainability |
| 23 | Blood Donation Camp | Human Values |
| 24 | Tree Plantation | Environment, and Sustainability |
| 25 | FDP On Inculcating Universal Human Values in Technical Education | Human Values |
| 26 | TED Talk by Raju Kendre | Human Values |
| 27 | Expert talk on "Why Education isn't Educating? " | Professional ethics, Human Values |
| 28 | Industrial Visit- Jain Irrigation And Gandhi Research Foundation | Environment, Professional ethics |

Shri Sant Gajanan Maharaj College of Engineering SHEGAON 444 203

PRINCIPAL
Shri Sant Gajanan Maharaj
College of Engineering,Shegaon.

# Shri Sant Gajanan Maharaj College of Engineering, Shegaon

## Institution's Innovation Council (IIC) Activity Report

Date: 29/11/2022

**Promotion in Social Media:**

| | |
|---|---|
| **Facebook link:** | shorturl.at/krvNO |
| **LinkedIn link:** | shorturl.at/dHPW8 |
| **Twitter link:** | shorturl.at/fhiLU |
| **Instagram link:** | shorturl.at/cEQUX |

**Academic Year:** 2022-23

**Quarter:** I

**Program Type:** Exposure Visit

**Program Theme:** R&D and Innovation

**Program Driven By:** IIC Calendar Activity

**Program/Activity Name:** Exposure and Field Visit for Problem Identification

**Duration of the Activity (in Hours):** 1 Day 5 Hours (12.00 PM to 5.00 PM)

**Event Coordinator:** Mr. R. S. Kankale (Assistant Professor, Department of Electrical Engg.)

**Start Date:** 28th November 2022

**End Date:** 28th November 2022

**Number of Students Participants:** 73

**Number of Faculty Participants:** 03

**Number of External Participants:** Nil

**Expenditure Amount:** Rs. 8968/- (Administrative charges paid at TPS, Paras for the visit of 76 person Rs. 118/- per person including GST)

**Mode of Session Delivery:** Offline (Visit at Thermal Power Station, Paras)

**Objectives (100 words):**

The Objectives of this Visit are:

- To give a great learning experience to students.
- To create a new perspective in students about their branch.
- To learn the functioning of a Thermal Power Plant.
- To fill the bridge between technical concepts taught in curriculum and industry applied concepts.
- To understand the best and sustainable practices in running a coal-based power plant.
- To strengthened the understanding of students about the concepts of Power Station Practices.
- To identify the problems (if any) in the sections/processes.

**Benefit in terms of Learning/Skill/Knowledge obtained:**

- Students get the practical experience of Thermal Power Plant.
- Students get the exposure of different sections and processes of the Thermal Power Plant.
- They learn the actual working of Thermal Power Plant.
- They get familiar with various processes and activities at Thermal Power Plant.
- They get the industry exposure and acquaintance with the work culture at Thermal Power Plant.

**Photograph 1:**

**Photograph 2:**

**Poster:**

SSGMCE
SHEGAON

INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)

**Department of Electrical Engineering**

**Shri Sant Gajanan Maharaj College of Engineering, Shegaon**

**INSTITUTION'S INNOVATION COUNCIL**

* Organizing *

# EXPOSURE AND FIELD VISIT FOR PROBLEM IDENTIFICATION

At

## THERMAL POWER STATION, PARAS

Date: **28th November 2022 (Monday)**
Time: **12.00 PM to 5.00 PM**

Faculty Coordinator
**Mr. R. S. Kankale**

| Dr. S. R. Paraskar | Mr. P. A. Dalke | Dr. S. B. Patil | Dr. S. B. Somani |
|---|---|---|---|
| Head, EED | Convener IIC | President IIC | Principal |

@ssgmceshegaon  @IIC-SSGMCEShegaon  linkedin.com/in/ssgmce  @AlumniSsgmce

**Overall Report of the Activity:**

Department of Electrical Engineering, Shri Sant Gajanan Maharaj College of Engineering, Shegaon, in association with Institution's Innovation Council & The Institution of Engineers Students' Chapter has organized a one day "Exposure and Field Visit for Problem Identification" at (2x250 MW) Thermal Power Station, Paras on 28th November 2022 for the students and faculty members of Electrical Engineering. The event was coordinated by Mr. R. S. Kankale. Around 73 students of the second year and 3 faculty members visited TPS, Paras.

The visit started with a travelling from SSGMCE, Shegaon campus to Thermal Power Station, Paras by college bus. At the entrance of TPS, Paras the briefing of safety rules was done and safety helmets were given to all visitors. The visit was guided by Mr. Gopal Chopade, Dy. Executive Engineer, MSPGCL. He arranged the visit to the plant and explained the working of different parts/sections of thermal power plant. The visitors guide accompanied students' group and showed them coal handling plant, boiler, turbine, generator, control room, and switchyard of TPS, Paras. The students learn how the coal gets into the boiler and its combustion, exhaustion and Boiler Process and Water-Steam Cycle. Students also learned that how different parameters like Pressure, Temperature, Flow, Conductivity and pH of Water and Steam is measured and maintained at standard required values. In this visit, students learn the role of Control room and how they maintain the frequency of the supply according to variable load requirement and also the specifications of different types of motor etc. It gave a new perspective to the students about their branch and strengthened the concepts of Power Station Practices. The guiding staff of Power Plant was very supportive to all students. This visit helps students in their future practical life and bring a positive change in their thinking and practical behaviour regarding Education and specially Engineering.

All students expressed thanks to the officials for the opportunity given. This trip was highly useful for the students in terms of practical knowledge about the control room i.e., control panels, boilers etc.

MAHAGENCO
Maharashtra State Power Generation Co. Ltd.
PARAS THERMAL POWER STATION
ISO 50001:2011 Certified

OFFICE OF THE
CHIEF ENGINEER,
PARAS THERMAL POWER STATION,
MSPGCL, PARASDEEP
Vidyut Nagar, Paras
Dist. Akola (MAH) 444 109
www.mahagenco.in

Ph: 07257 – 234848 / 234465 / 66, Fax: 234846, E-mail: cgmparas@mahagenco.in

**Ref:-CE/PRS/TPS/TSC/Ind.Visit/** No 7288 - **Date** 25 NOV 2022

**To,**
**The Principal**
**Shri Sant Gajanan Maharaj**
**College of Engineering,**
**Shegaon Dist. Buldhana**

**Sub: -** Industrial Visit to Thermal Power Station Paras.

**Ref: - 1.** H.O. Letter No.:- CGM/HR/Trg/No. -01627 Date 16/02/2017.
**2.** Y.O. Letter No. Nil Date 19/11/2022.

With reference to above, permission is hereby granted to the students along with coordinator of your college to visit TPS Paras, at their risk & cost with following condition.

**Students: - 73 in one batch plus 02 Faculty Members.**

1. **Date of Industrial Visit 28 November 2022 at 02:00 PM to 05:00 PM Sharp.**
2. **Students along with coordinator should report first at TSC Paras on Dt. 28.11.2022 at 12:00 Hrs. to complete the Official Formalities.**
3. **They will have to follow all Security and Safety Norms stringently.**
4. Accommodation is not available at TPS Paras.
5. **Photography in any form is strictly prohibited.**
6. **Shoes are necessary,** Chappal & Slippers are not allowed during this visit.
7. Please contact to EE(TSC) through TPS Operator Extension No. 1274.
8. List of students & Coordinators should be submitted & as per company norms Rs. 100/- plus present applicable taxes per head will have to be deposited to TPS Paras Account Office by Cash on working day against Administrative Charges.
9. Please follow the Schedule Strictly.
10. The Covid-19 Protocols will be Strictly followed during the Industrial Visit.

**Chief Engineer**
**MSPGCL TPS PARAS**

**Copy to:-**

1. Security Officer TPS Paras.
2. Sr. Manager F&A TPS Paras.

C:\Users\00010523\Desktop\H.O\Industrial Visit.doc

MAHARASHTRA STATE POWER GENERATION CO. LTD.

Original

RECEIPT/PAYMENT CONFIRMATION: Date: 28.11.2022

Cash/Money Receipt Number:801309
Accounting Document Number : 0001152298
Cash Journal Document Number : 564386
Cash journal:CJ - PARAS T.P.S.
G/L Account Number(Cash Journal):24460
GSTIN Number : 27AAECM2935R1ZV

DESCRIPTION:

| | |
|---|---|
| From/to: | THE PRINCIPAL SHRI SANT GAJANANA MA |
| Transaction: | MISCELLENEOUS INCOME |
| Vendor No: | |
| Customer No: | |
| Personnel Number: | |
| Currency: | INR |

| | |
|---|---|
| Amount: | 7,600.00 |
| SGST: | 684.00 |
| CGST: | 684.00 |
| IGST: | 0 |
| (SGST Output 9% + CGST Output 9%) | |

**Payment Amount:** 8,968.00

**In words:** INR EIGHT THOUSAND NINE HUNDRED SIXTY EIGHT Rupees ONLY

| G/L Acc | Bus.Area | Check No. | Bank Account |
|---|---|---|---|
| 62990 | B130 | 0000000000000 | |

Text : SRN 502 INDISTRIAL VIST TO TPS PARAS CASH

For Maharashtra State Power Generation Co. Ltd.

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON**
**DEPARTMENT OF ELECTRICAL ENGINEERING**

## Visit at Thermal Power Station, Paras

**List of Students**

| Sr. No. | Name of Student | Signature |
|---|---|---|
| 1 | Ku. Aditi M. Barde | |
| 2 | Ku. Amruta S. Patil | |
| 3 | Ku. Ankita V. Bharambe | |
| 4 | Ku. Anuksha P. Pande | |
| 5 | Ku. Anuradha S. Itkhede | |
| 6 | Ku. Aysha R. Jadhav | |
| 7 | Ku. Dipika D. Sawale | |
| 8 | Ku. Gauri S. Raut | |
| 9 | Ku. Gayatri B. Ingle | |
| 10 | Ku. Jayashri K. Shetye | |
| 11 | Ku. Kanchan K. Koyakade | |
| 12 | Ku. Khushi A. Ganatra | |
| 13 | Ku. Pooja T. Ingle | |
| 14 | Ku. Pornima K. Lohakare | |
| 15 | Ku. Pranali A. Asolkar | |
| 16 | Ku. Pratiksha B. Ingle | |
| 17 | Ku. Prerna K. Wankhade | |
| 18 | Ku. Reva D. Landge | |
| 19 | Ku. Rohini D. Deshmukh | |
| 20 | Ku. Roshani D. Dhole | |
| 21 | Ku. Sakshi G. Ghodke | |
| 22 | Ku. Sampada P. Palaskar | |
| 23 | Ku. Shreya P. Farkunde | |
| 24 | Ku. Shruti G. Palhade | |
| 25 | Ku. Shruti S. Bawane | |
| 26 | Ku. Vaishnavi Chanekar | |
| 27 | Ku. Vaishnavi G. Bhatkar | |
| 28 | Ku. Vaishnavi K. Pesode | |
| 29 | Ku. Vaishnavi M. Thakare | |
| 30 | Abhay S. Nikhate | |
| 31 | Akshay P. Dawange | |
| 32 | Aniket P. Shingote | |
| 33 | Ankit V. Wagh | |
| 34 | Anuj P. Nikam | |
| 35 | Arpit A. Giratkar | |
| 36 | Aseer Salim Ahmed | |
| 37 | Ashish K. Kasdekar | |

| | | |
|---|---|---|
| 38 | Ashish T. Gosavi | |
| 39 | Chirag A. Tiwari | |
| 40 | Darshan P. Lajurkar | |
| 41 | Dhruv D. Nishan | |
| 42 | Gaurav R. Bendarkar | |
| 43 | Manthan M. Kathane | |
| 44 | Nirmal V. Shinde | |
| 45 | Om N. Nemade | |
| 46 | Prajwal A. Khokle | |
| 47 | Prajwal S. Chincholkar | |
| 48 | Pranav P. Patki | |
| 49 | Prathamesh S. Wankhade | |
| 50 | Pratik V. Wagh | |
| 51 | Rishikesh L. Mishra | |
| 52 | Rishikesh M. Kuyate | |
| 53 | Rushikesh A. Dhandar | |
| 54 | Sadanand V. Bhonge | |
| 55 | Sanket P. Fokmare | |
| 56 | Shankar P. Bondre | |
| 57 | Shivraj G. Patil | |
| 58 | Shridutt M. Deshmukh | |
| 59 | Shubham J. Bhal | |
| 60 | Siddhant P. Deshmukh | |
| 61 | Tejas R. Khelkar | |
| 62 | Toni S. Vihirkar | |
| 63 | Uday N. Lande | |
| 64 | Vedant A. Nandekar | |
| 65 | Ku. Revati Vilas Lulekar | |
| 66 | Ku. Smita K. Watpal | |
| 67 | Om A. Adhau | |
| 68 | Shriram P. Joshi | |
| 69 | Jayesh M. Giri | |
| 70 | Ku. Samiksha A. Damdar | |
| 71 | Harsh D. Salunke | |
| 72 | Abhishek N. Banait | A.N.Banait |
| 73 | Prasad S. Agrawal | |

**List of Faculty**

| Sr. No. | Name of Faculty | Signature |
|---|---|---|
| 1 | Mr. U. A. Jawadekar | |
| 2 | Mr. M. R. Chavan | |
| 3 | Mr. B. S. Rakhonde | |

**Mr. R. S. Kankale**
Faculty Coordinator/ IIC Member

**Dr. S. B. Patil**
President IIC

**Industrial Tour to Super Tharmal Power, Chandrapur and Anandwan, Warora**
**(February 4, 2019 to February 5, 2019)**

An industrial tour was organized by the Department of Business Administration and Research, Shri Sant Gajanan Maharaj College of Engineering, Shegaon during February 4, 2019 to February 5, 2019. This tour was organized to visit Anandwan, Warora, M.S. after prior email communication & permission from the said organization. There were twenty six (26) participants in this tour including students and faculty members. Ten (10) girl students from MBA Second Year and thirteen (13) boys of Final Year of the department participated in this tour. During this visit the Guide - Mr Shaukat of Anandwan has explained about the different departments managed by physically unabled and people suffering from leprosy. The management of the Anandwan has given full freedom to these people to show and present their creativity by developing different products. Mr. Pukhraj Changani, 2012 aluminus of our department took great efforts in getting the permission and guide for Anandwan.

Mr. Shaukat Guiding students at Samadhi sthal of Sadhanatai and Baba Amte.

Students enjoying songs sung by Swaranandwan artist

On 5th February from morning 8.30 to 3.30pm we had a busy schedule at Chandrapur Super thermal power station. Mr. S.S. Khadtkar explained about the total functioning of the plant. Then he took us in two batches to visit the power plant. We were taken from the point where outside electricity enters into the plant to move the turbine and make the unit functional to a place where electricity is generated and then supplied for distribution purpose. Mr. Khadtkar also guided the students about training sessions they conduct for employees. The visit concluded with vote of thanks.

Mr. Khadtkar along with his two Engineers taking students for plant visit

Gracious moment with Mr J.H. Bobde, C.E., Chandrapur Super Thermal Power Station

Dr. H. M. Jha

# Shri Sant Gajanan Maharaj College of Engineering, Shegaon

| | |
|---|---|
| **Name of the Event:**<br>Program types (Expert Talk / Exposure Visit / Mentoring Session / Seminar / Workshop / Competition / Exhibition / Bootcamp etc.) | **Poster Presentation Competition**<br>**on Occasion of National Energy Conservation Day (India)** |
| Resource Person | Dr. S. B. Somani, Dr. N. A. Patil, Dr. Anand Tale |
| Academic Year | 2022-2023 |
| Program Theme:<br>(IPR / R&D and Innovation / Start-up / Entrepreneurship / Design Thinking / Incubation & Pre – Incubation / others) | Energy Conservation |
| Start date & End Date<br>(DD/MM/YYYY) | 14/12/2022 |
| Duration of the activity (in hours) | 2 Hours |
| No. Participants (Student / Faculty / If any External participants) | 22 Students |
| Mode of session (online / offline) | Offline |
| Program driven by (IIC Calendar Activities / Self Activities / MIC Activities / Celebration activity) | Celebration Activity |
| Session link / Offline venue<br><br>All Social Media Link (Promotion) | Offline Venue: New Auditorium<br>https://www.facebook.com/iicssgmce<br>https://www.instagram.com/ssgmceshegaon/<br>https://twitter.com/AlumniSsgmce<br>https://www.linkedin.com/feed/ |
| Event Coordinator<br>Faculty Name / Department / Designation | Dr. R. M. Kharate (A.S.&H. Dept.) |
| Target Participants | Students of SSGMCE, Shegaon |
| **Objective:**<br>Benefit in terms of learning / skill / knowledge obtained (benefit in term field is required) | Objectives: The objective is to drive mass awareness about the importance of energy efficiency and conservation.<br><br>Benefits:<br>Students understood the neatness, innovation and creativity in presentation. In doing so, they realized the importance of energy conservation. |

**Overview of the program:**

The National Energy Conservation Day was celebrated on December. On this occasion, the poster making competition was organised. The objective of the competition was to drive mass awareness about the importance of energy efficiency and conservation. The theme of the poster making competition was Energy Conservation.

Energy demand is increasing at a fast pace all around the world and if not controlled it would lead to energy shortage. Even today many countries are facing energy shortage problems. We can minimize energy usage by taking small measures. Using less energy has financial as well as environmental benefits.

To minimize the use of energy, we need to educate people to use energy only when needed the most and for this purpose save energy, campaigns need to be run all around the world. Save energy slogans can be used on posters and banners in these campaigns as they catch the attention of people very quickly and the message in slogans stick to their minds for a long time.

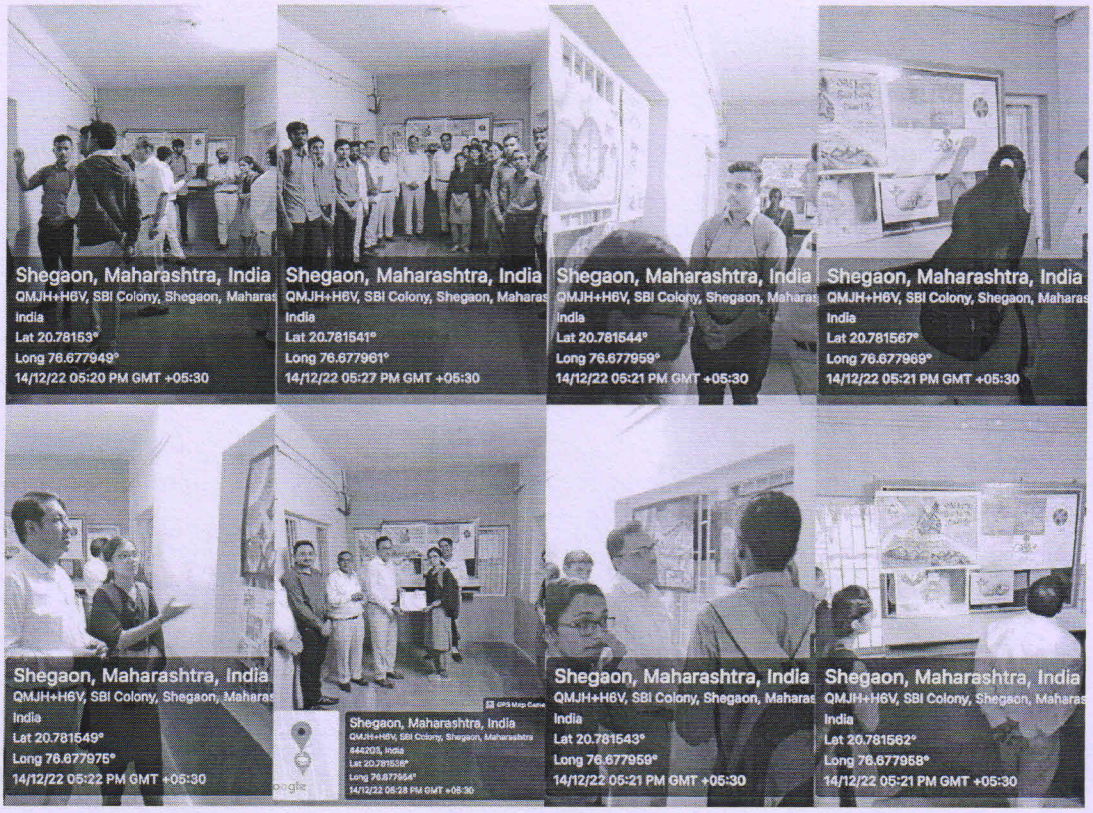
Taking into consideration these facts, IIC SSGMCE organised the poster competition to celebrate the National Energy Conservation Day on 14th December 2022.

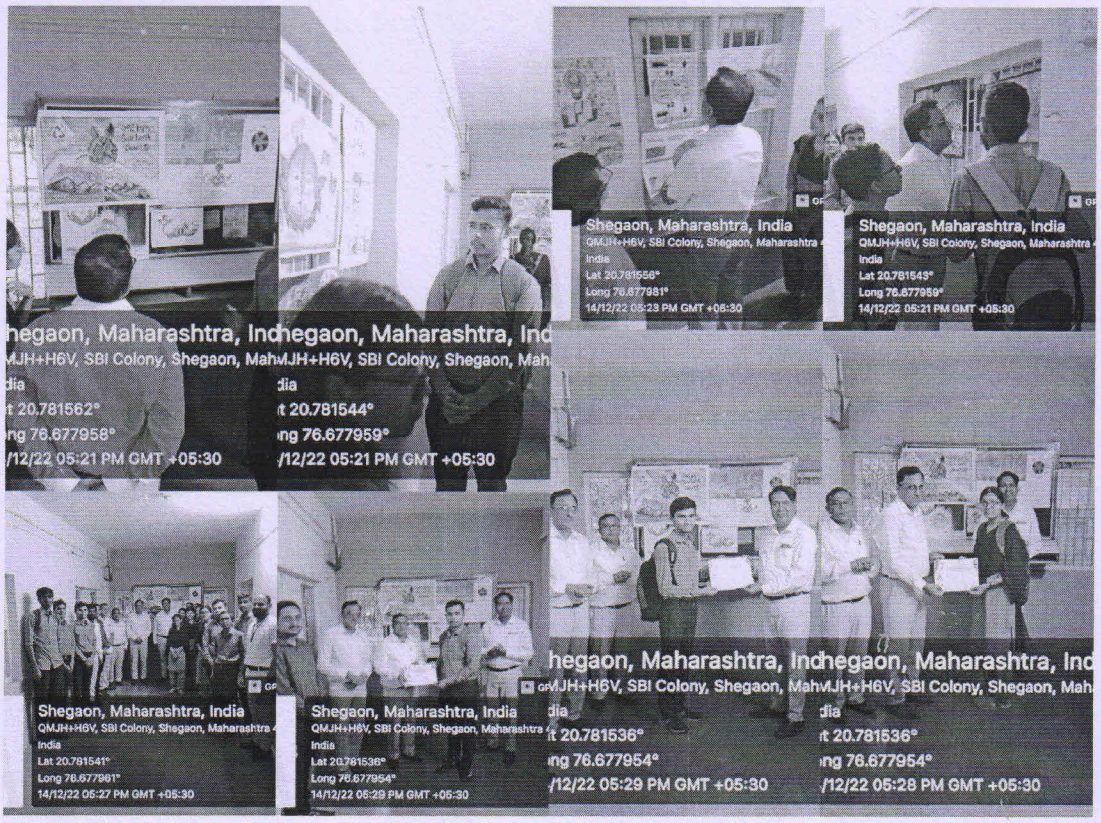
Students participated in the competition ad presented their posters in presence of the judges. The best three posters were awarded with the certificates.

**Judging Criteria:**

1. Neatness in presentation
2. Theme Relevance
3. Overall Impression
4. Colour Combination
5. Creative and Innovative

## Event Gallery: (Attachments)



**Certificates:**

Ministry of Education
Government of India

MHRD'S
INNOVATION CELL
GOVERNMENT OF INDIA

INSTITUTION'S
INNOVATION
COUNCIL

Shri Sant Gajanan Maharaj College of Engineering
Shegaon, Maharashtra, India

Certificate of Appreciation

is awarded to

Garima Agrawal

( Theme : National Energy Conservation Day )

For securing First rank in "Poster Presentation Competition 2022" held on 14 December 2022 conducted by Shri Sant Gajanan Maharaj College of Engineering in association with Institution's Innovation Council.

Dr. S. B. Patil
President IIC

Dr. R. M. Kharate
Member IIC

Prof. P. A. Dafke
Convener IIC

Dr. S. B. Somani
Principal, SSGMCE

Ministry of Education
Government of India

MHRD'S
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GOVERNMENT OF INDIA

INSTITUTION'S
INNOVATION
COUNCIL

Shri Sant Gajanan Maharaj College of Engineering
Shegaon, Maharashtra, India

Certificate of Appreciation

is awarded to

Shreyash Tote

( Theme : National Energy Conservation Day )

For securing Third rank in "Poster Presentation Competition 2022" held on 14 December 2022 conducted by Shri Sant Gajanan Maharaj College of Engineering in association with Institution's Innovation Council.

Dr. S. B. Patil
President IIC

Dr. R. M. Kharate
Member IIC

Prof. P. A. Dafke
Convener IIC

Dr. S. B. Somani
Principal, SSGMCE

**Dr. R. M. Kharate**
**Coordinator**

3/4/13/23

**Dr. S. B. Patil**
**President-IIC**

**Shri Sant Gajanan Maharaj College of Engineering, Shegaon**

**Department Of Electronics and Telecommunication Engineering**

**(Report of National Science Day on 28/02/2023)**

(Quarter II IIC 5.0 Calendar Activity 22-23 (1st December to 28th February)

| | |
|---|---|
| **Name of the event:** | National Science Day Celebration (under IIC ) Science Quiz By Department of Electronics and Tel. Communication Engineering |
| **Resource persons** | Dr. S. B. Patil,<br>Dr. M. N. Tibdewal,<br>Dr. R. S. Dhekekar<br>Mr. F.I. Khandwani,<br>Mrs. A. A. Deshmukh and<br>Mr. K. V. Chandan |
| **Academic year** | 2022-2023 |
| **Program Theme (IPR/ R& D and Innovation /Entrepreneurship/ Design Thinking /Incubation and Pre-Incubation /others )** | Importance of science and its application among the people (Thinking Activity ) |
| **Start date& End Date (DD/MM/YYYY)** | 28/02/2023 |

| | |
|---|---|
| **Duration of the activity** | One Day |
| **No. Participants** | Students Participated - 160<br>Faculty Present -15 |
| **Mode of session** | Offline |
| **Program driven by** | Quarter II IIC 5.0 Calendar Activity 22-23 (1st December to 28th February |
| **Session recording link /offline venue**<br>**All Social media Link** | **Venue :** ***Old Auditorium***<br>**Facebook:** https://www.facebook.com/ssgmceofficialpage/<br>**Instagram:** https://www.instagram.com/ssgmceshegaon/<br>**LinkedIn**: https://www.linkedin.com/in/ssgmce/<br>**Twitter:** https://twitter.com/AlumniSsgmce<br>**YouTube:** https://www.youtube.com/channel/UC1YOGwS9KaWbXL-RWrNih1Q<br>**Blog:** https://blogssgmce.in/ |
| **Event Coordinator** | Prof. Dr. S. B. Patil, Prof. Dr. M. N. Tibdewal, Prof. Dr. R. S. Dhekekar. Department of Electronics and Telecommunication Engineering |
| **Target Participants** | Third Year Students<br>(Computer Science, IT , Electronics and Tel.Com. Engg , Electrical and Mechanical Students ) |
| | |

| | |
|---|---|
| **Objective** | **Objective of this Workshop as follows**<br>• Awareness of Science and Technology<br>• Motivate students to Raise awareness towards the importance of sustained efforts of inculcating, Nurturing, and unleashing the scientific temper and innovative mindset for sustainable and inclusive growth.<br>• Contributions of scientists towards the Development of the nation. |
| **Benefit in term of learning/skill/knowledge obtained** | **Outcome of this event are following**<br>After competition of this National Science Day activity participant are able to<br>• recognize the importance of science and technology in our daily lives<br>• Understand the importance of life cycle of any scientist<br>• Know Contributions of scientists towards the Development of the nation<br>• Improve time management skill (through quiz) such program.<br>• Inculcates the knowledge of science (physics) techniques etc.<br>• Students are aware about their strengths and challenges.<br>• Acquired team work and leadership quality. |

| | |
|---|---|
| | • Will be ensuring a better future for ourselves and for generations to come by promoting science and technology.<br>• promote the study of science and technology .<br>• Ensure that science is used responsibly and ethically |

## Overview of the program:

Science Day serves as an opportunity to celebrate the achievements of scientists and their contributions to society. It is a day to recognize the importance of science and technology in our daily lives, and to encourage the pursuit of scientific knowledge and research. It also aims to raise public awareness about the significance of science, and to promote the study of science and technology in schools and universities.

Since science and technology also present new challenges and risks, such as cyber security threats, ethical concerns related to artificial intelligence, and the potential misuse of technology. It is therefore important for society to have a deep understanding of science and its potential impact on our lives, and to ensure that science is used responsibly and ethically.

Science Day serves as a reminder of the power of science to improve our understanding of the world and to help us solve some of the most pressing problems facing humanity. It is a day to celebrate the achievements of scientists and to encourage the pursuit of scientific knowledge and research. By promoting science and technology, we can ensure a better future for ourselves and for generations to come.

Based on above objective, the department of electronics and telecommunication Shri Sant Gajanan Maharaj College of Engineering, Shegaon in association with ISTE Student Chapter , IEI Mechanical Engg. Student Chapter and Institute Innovation Council has organized **National Science Day on 28/02/2023** for third year students of all branches (Electronics and Telecomm. Eng., Computer Science Eng., Mechanical Engg. and IT Engg, and Electrical Engg.) On 28th Feb 2023 A Science day celebrated on them of GLOBAL SCIENCE FOR GLOBAL WELL-BEING . **“SCIENTICA”** A Quiz based Competition on Movie/

Documentary was shown to for all branches. Total 160 students and 15 Faculties participated in the mention program.

The program was started at 1:15 pm by the student coordinator Ms. Arya Chandrawanshi third year Electronics and Telcomm Engg. and Mr. Atharva Kute third year Mechanical Engg.

Based on three hour science film ***"ROCKETRY THE NAMBI EFFECT"*** which was shown to all Students. After Completion of Film, Quiz was conducted for all Participants. Total 10 questions for were asked. Half minute are allotted for each question. There was tie among four students. A Rapid fire round was conducted by the coordinator.

Winner First prize of Rs.1000 has been given to Mr. Shubham Borde third year Computer Science Engg. Department and Runner up second prize 0f Rs 500/- has been given to Mr. Aryan Vyawhare third year Computer Science Engg. Department .

Dr. S. B. Somani Principal, Dr. S. B. Patil IIC Chairman, Dr. M. N. Tibdewal Head of Department, Mr. Piyush Dhalke Convener of IIC and Dr. R. S. Dhekekar Member of IIC was Mr. F. I. Khandwani ISTE Faculty advisor , Mrs. A. A. Deshmukh ISTE Coordinator was present in the program.

Program was ended with vote of thanks given by Ms. Janvi Mahajan Third yr. Student of Electronics Dept.

Dr. R. S. Dhekekar

IIC Member

Dr. M. N. Tibdewal

Head of Department

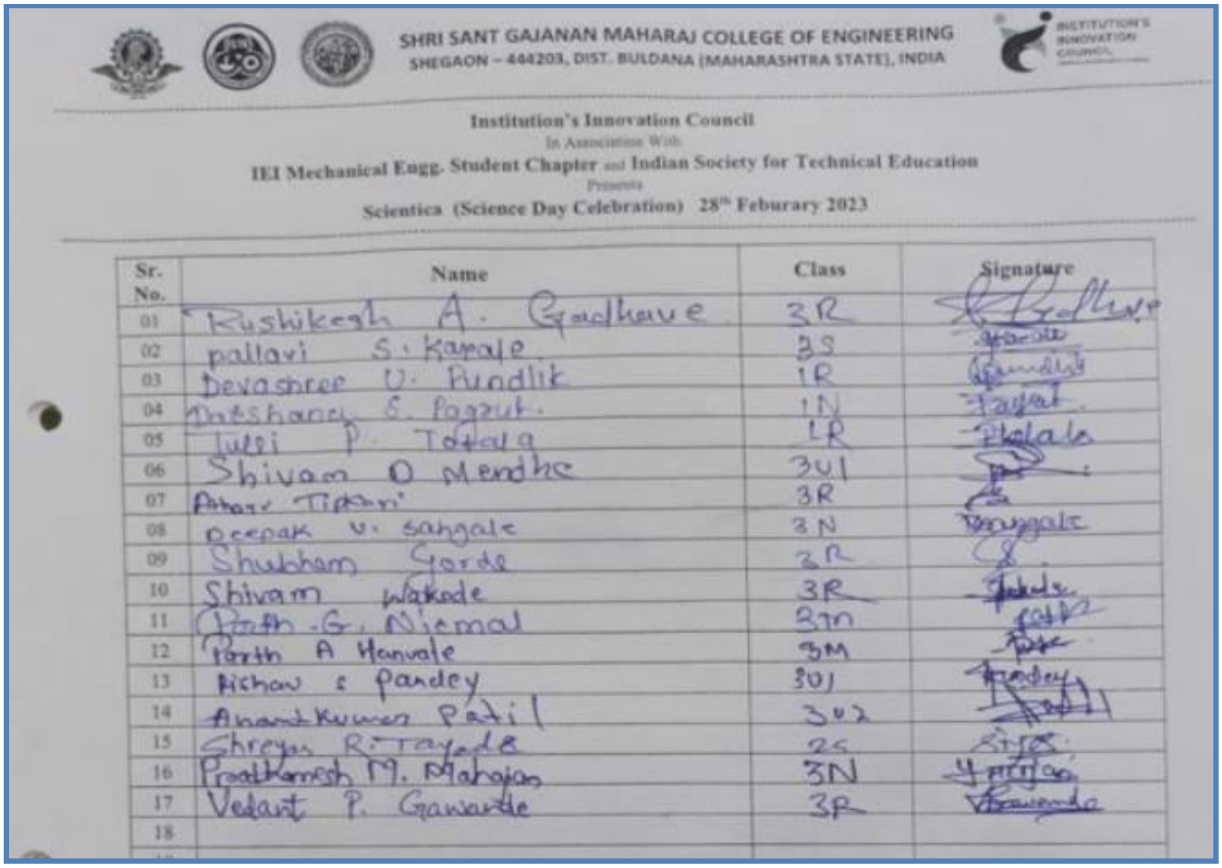
Dr. S. B. Patil

IIC Chairman

# Photographs

Prize Distribution

## Attendance



SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA

Institution's Innovation Council
In Association With
IEI Mechanical Engg. Student Chapter and Indian Society for Technical Education
Presents
Scientica (Science Day Celebration) 28th Feburary 2023

| Sr. No. | Name | Class | Signature |
|---|---|---|---|
| 01 | Rushikesh A. Gadhave | 3R | |
| 02 | pallavi S. Kapale | 3S | |
| 03 | Devashree U. Pundlik | 1R | |
| 04 | Dakshaney S. Pagrut. | 1N | |
| 05 | Tulsi P. Tatwa | 1R | |
| 06 | Shivam D Mendhe | 3U1 | |
| 07 | Atharv Tiwari | 3R | |
| 08 | Deepak V. sangale | 3N | |
| 09 | Shubham Gorde | 3R | |
| 10 | Shivam Wakode | 3R | |
| 11 | Parth G. Nirmal | 3M | |
| 12 | Parth A Hanvate | 3M | |
| 13 | Rishav e pandey | 3U1 | |
| 14 | Anand Kumar Patil | 3U2 | |
| 15 | Shreyas R. Tayade | 2S | |
| 16 | Prathamesh M. Mahajan | 3N | |
| 17 | Vedant P. Gawande | 3R | |
| 18 | | | |

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| Sr. No. | Name | Class | Signature |
|---|---|---|---|
| 01 | Aditya santosh sirag | 1R(CSE) | |
| 02 | Surabhi Lahoti | 3R(CSE) | |
| 03 | Sonika Raptale | 3R(CSE) | |
| 04 | Vaibhav rathod | 3N(IT) | |
| 05 | Vaibhav Shirbhate | 3N(IT) | |
| 06 | Gopal Solanki | 3R(CS) | |
| 07 | Kunal Chandage | 3R(CSE) | 28/2/23 |
| 08 | Gajanan M. Boode | 3R(CSE) | 28/2/23. |
| 09 | Atharva. A. Urade | 3N(IT) | |
| 10 | Tejas D Moon | 3N(IT) | |
| 11 | Sanyogita G Dhole | 3N(IT) | |
| 12 | Raj Girish Dewkar | 3N (IT) | |
| 13 | Rushikesh Dhawase | 3R (CSE) | |
| 14 | Yogesh Ramesh sangle | 3N(IT) | |
| 15 | Gaurav Santosh Barad | 3N(IT) | |
| 16 | Yash Tayade | 3R(CSE) | |
| 17 | Avinash Chavan | 3R (CSE) | |
| 18 | Mayur Shastrakar | 3R | |
| 19 | Chate Sakant Gaurav | 3R | |
| 20 | Abhishek Gaurkar | 3R | |
| 21 | Harish Barhate | 3R | |
| 22 | Ashwini M. Kalaskar | 3M | |
| 23 | Prafull V. Lantelapure | 3M | |
| 24 | Prasad H. Nagtilak | 3N | |
| 25 | Vaishnavi C. Dabhade | 3N | |
| 26 | | | |
| 27 | | | |

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**Scientica (Science Day Celebration) 28th Feburary 2023**

| Sr. No. | Name | Class | Signature |
|---|---|---|---|
| 01 | Varan D Motwani | 3N(IT) | |
| 02 | Sanket. G. Gote (69) | 3rd (IT) | |
| 03 | Vishal Kantar (75) | 3N (IT) | |
| 04 | Prajwal Gawande (51) | 3N (IT) | |
| 05 | Khushbu Pareek | 3N (IT) | |
| 06 | Mohan Khambekar | 3rd (IT) | |
| 07 | Shraddha Tikas | 3N (IT) | |
| 08 | Shreyas Dharashivkar (69) | 3rd | |
| 09 | Aayush kishor Solav | 3N (IT) | |
| 10 | Chaval Palla | 3S (ELPO) | |
| 11 | Sakshi Sendhav | 3S (ELPO) | |
| 12 | Shruti Thakare | 3S (ELPO) | |
| 13 | Mayur Savadekar | 3M | |
| 14 | Piyush raut | 3M | |
| 15 | Prajawal dongre | 3S | |
| 16 | Tushar K. nimbalkar | 3N | |
| 17 | Pratik diwan | 3N | |
| 18 | Yash Dahiwale | 3N | |
| 19 | Aditya Borkar | 3N | |
| 20 | | | |
| 21 | | | |
| 22 | | | |
| 23 | | | |

S.S.G.M.C.E., SHEGAON

IIC Science Day Celebration

Attendance Sheet

Time : 1.15 to 5.15 pm

Date : 28.02.2023

Venue : Old Auditorium abs

| Sr. No. | Name | Class | Sign |
|---|---|---|---|
| 1) | [redacted] | 3R | |
| 2) | [redacted] | 3R | |
| 3) | [redacted] | [redacted] | |
| 4) | Charul patkar | 3S | |
| 5) | Shantanu Patil | 3N | |
| | Raj G. Deulkar | 3N | Raj Deulkar. |
| | Yash Dahiwale. | 3N | |
| | Pratik Diwan | 3N | |
| | Mayuri Machchhekar | 3S | A.S. Machchhekar |
| | Pallavi Kamale | 3S | |
| | Yogesh Sangle | 3N | |
| | Sanket Gedam | 3N | |
| | Gaurav G. Chambhare | 3M | |
| | Rupesh G. Datir | 3N | R. G. Datir |
| | Mohan Bhambise | 3N | |
| | Aditya Borkar. | 3N. | |
| | Tushar Markhede | 3N | |
| | Aniket Jevarde | 3R | |
| | Prashant Thakare | 3M | |
| | Vaibhav Dabhade | 3N | |
| | Gauri Zamare | 3R | |

SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA

INSTITUTION'S INNOVATION COUNCIL

**Institution's Innovation Council**

In Association With

**IEI Mechanical Engg. Student Chapter and Indian Society for Technical Education**

Presents

**Scientica (Science Day Celebration) 28th Feburary 2023**

| Sr. No. | Name | Class | Signature |
|---|---|---|---|
| 01 | Jay Jayant Joshi | 1R 1st | |
| 02 | Dhruv Chudewar | 1N 1st | |
| 03 | Aditya Gudmale | 1N 1st | |
| 04 | Gajanan M. Bagade | 3R 3rd | 28/02/23 |
| 05 | Rahan H. Kameli | 3R | |
| 06 | Sarah Rahman Ataurrahman | 1N(I.T) | |
| 07 | Sushant S Chafale | 3N | |
| 08 | Tushar Nagre | 3N2 | |
| 09 | Dhiraj Deshmukh | 3N2 | |
| 10 | Toshal R Markhede | 3N1 | |
| 11 | Yash Tote | 3N1 | |
| 12 | Harshal Anant Kolhe | 3R | |
| 13 | Aryan Vyavahare | 3R | |
| 14 | Prashant Gondage | 3N | |
| 15 | Prathmesh Dhole | 3N2 | |
| 16 | Prasad Telkar | 3N2 | |
| 17 | Gayatri Deshmukh | 3R | |
| 18 | Rupesh Sharde | 3N2 | |
| 19 | Shreyesh Golam | 3N2 | |
| 20 | Payal Chavhan | 3N | |
| 21 | ARYAN. Bhat | 3N | |
| 22 | Govinda Bose | 3N | |
| 23 | | | |
| 24 | | | |

SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA

INSTITUTION'S INNOVATION COUNCIL

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Presents

**Scientica (Science Day Celebration) 28th Feburary 2023**

| Sr. No. | Name | Class | Signature |
|---|---|---|---|
| 01 | Gaurav D. Naik | 3M | |
| 02 | Harshit Dhamik | 3N | |
| 03 | Gauri Jayale | 3S | |
| 04 | Prathmesh Patdar | 3S | |
| 05 | Yash ingale | 3S | |
| 06 | Vivek Bendale | 3S | |
| 07 | Sahil Shahane | 3S | |
| 08 | Anagh Javarde (31) | 3S | |
| 09 | Deekshith Kadurka | 3S | |
| 10 | Vinit C. Jaytap | 3S | |
| 11 | Gakshi P. Jungade | 3S | |
| 12 | Avanti S. Mandhalkar | 3S | |
| 13 | Shantanu K. Patil | 3U2 | |
| 14 | Yash V. Jiwani | 3U1 | |
| 15 | Kaitij Mahurpaan | 3N | |
| 16 | Prasad Telkar | 3U | |
| 17 | Shreyash V. Golam | 3U2 | |
| 18 | Nikhil Babhulkar | 3R | |
| 19 | Ram Ingle | 3U | |
| 20 | Anuroop Sunil Jadhav | 4S | |
| 21 | Krushna Sanjay Jaare | 4S | |
| 22 | Vaishnavi Mahadeo Choke | 3U2 | |
| 23 | Tanvi Deepak Jawalkar | 3U2 | |
| 24 | Shivayu Gajanan Tayhale | 3U2 | |
| 25 | Atharv Ravindra Bokade | 3U1 | |
| 26 | Lokesh Milind Jiwankar | 3U1 | |
| 27 | Pranav Pramod Kawale | 3N | |
| 28 | Vivek Bodri | 3R | |
| 29 | Sayyam Bora | 3R | |
| 30 | Gaun Zamare | 3R | |
| 31 | Riya dongre | 3R | |
| 32 | Kuldeep Munge | 3R | |
| 33 | | | |

Cordinators
& Faculty

SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA

Institution's Innovation Council
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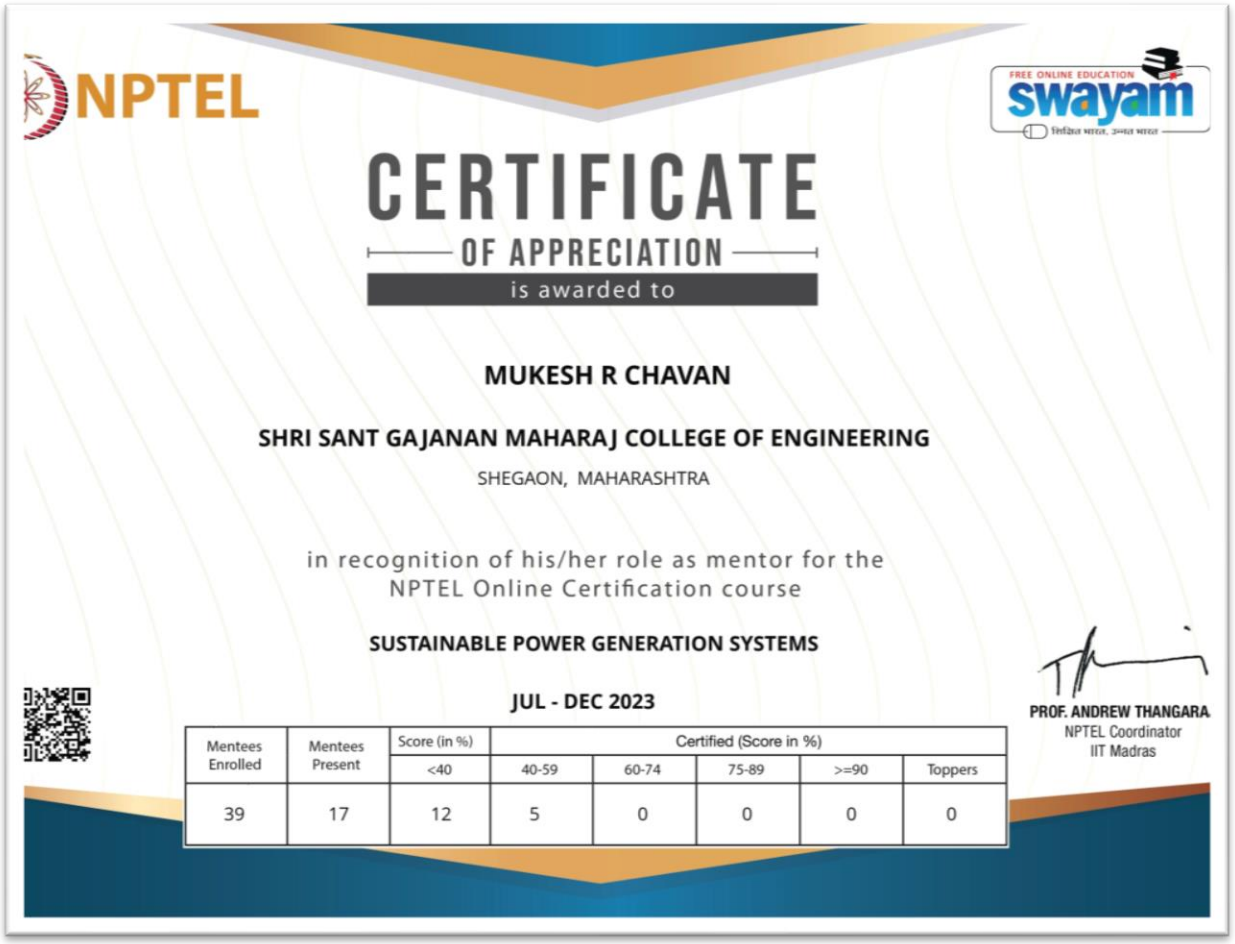
Srishtee (Science Day Celebration) 28th February 2023

| Sr. No. | Name | Class | Signature |
|---|---|---|---|
| 01 | Uday Ravindra Deshmukh | 3U2 | |
| 02 | Pooja Anilkumar Tawri | 3U2 | |
| 03 | Arya Rajesh Chandrawanshi | 3U2 | |
| 04 | Tanhuee Pradip Malajan | 3U1 | |
| 05 | Mayuri Omprakash Amalkar | 3U2 | |
| 06 | Sarla Vijay Parakar | 3U2 | |
| 07 | Dishan Ambhore | 3U1 | |
| 08 | Pravedhya More | SR | |
| 09 | Suyash Tongade | 3N | |
| 10 | Abhijeet Gadling | 3R | |
| 11 | Ankush Santosh Akhawande | 3M | |
| 12 | Mayur Ga. Chandankhede | 3M | |
| 13 | Kash D. Patil | 3M | |
| 14 | Hrishikesh V. Patale | 3M | |
| 15 | Rupesh P. Shembekar | 3M | |
| 16 | Akshaya Nandu Pise | 3M | |
| 17 | Om Paraskar | 3M | |
| 18 | Nikita Pisal | 3M | |
| 19 | Kiran Bobade | 3M | |
| 20 | Ashutosh Gaikwad | 3M | |
| 21 | Nilesh Nandagawali | 3M | |
| 22 | Gaurang Wagle | 3M | |
| 23 | Parth Nimsarkar | 3M | |
| 24 | Devang Tahulkar | 3M | |
| 25 | Dr. R. S. Dhekekar | Prof. | |
| 26 | Dr. A. B. Deshmukh | Prof. | |
| 27 | Dr. M. V. Tidke | faculty | |
| 28 | Dr. S. B. Patil | faculty | |
| 29 | M. V. Kotkunde | staff | |
| 30 | C. P. Gotad | Faculty | |
| 31 | M. B. Dhamande | faculty | |
| 32 | A. L. Khamade | Assistant Professor | |
| 33 | K. T. Kalas | Faculty | |
| 34 | S. J. Kedar | faculty | |
| 35 | [illegible] Pisale | Faculty | |

To further enhance the curriculum and address crosscutting issues, faculty members and students have enrolled in additional online courses. These courses aim to broaden knowledge and skills related to professional ethics, gender sensitivity, human values, environmental awareness, and sustainability. Faculty members act as mentors for students, providing guidance and support throughout their learning journey. The specific courses undertaken include:

Professor M.R. Chavan received a certificate from NPTEL Swayam for serving as a mentor in the NPTEL online course on Sustainable Power Generation Systems.



NPTEL

FREE ONLINE EDUCATION swayam

CERTIFICATE

OF APPRECIATION

is awarded to

MUKESH R CHAVAN

SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING

SHEGAON, MAHARASHTRA

in recognition of his/her role as mentor for the NPTEL Online Certification course

SUSTAINABLE POWER GENERATION SYSTEMS

JUL - DEC 2023

| Mentees Enrolled | Mentees Present | Score (in %) | Certified (Score in %) | | | | |
|---|---|---|---|---|---|---|---|
| | | <40 | 40-59 | 60-74 | 75-89 | >=90 | Toppers |
| 39 | 17 | 12 | 5 | 0 | 0 | 0 | 0 |

PROF. ANDREW THANGARA
NPTEL Coordinator
IIT Madras

Prof M.R.Chavan successfully completed the NPTEL online course on Sustainable Power Generation Systems.

Mrs.Harshali Santosh Patil completed the online course on Developing Soft Skills And Personality

Roll No:NPTEL18HS30S21060031

To
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON

18/235

| Score | Type of Certificate |
|---|---|
| >=90 | Elite + Gold Medal |
| 60-89 | Elite |
| 40-59 | Successfully Completed the course |
| <40 | No Certificate |

No. of credits recommended by NPTEL:2

Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

TOP TOPPER 2%

This certificate is awarded to

MRS.HARSHALI SANTOSH PATIL

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of 90 %

| Online Assignments | 23.67/25 | Proctored Exam | 66.25/75 |
|---|---|---|---|

Total number of candidates certified in this course: 12219

Prof. T. V. Prabhakar
Chairman
Center for Continuing Education, IITK

Aug-Oct 2018
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam

Roll No: NPTEL18HS30S21060031

To validate and check scores: http://nptel.ac.in/noc

Prof Anil Shamrao Alane successfully completed the NPTEL course on -Waste To Energy Conversion

Roll No:NPTEL19CH13S61060025

To ANIL SHAMRAO ALANE
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON

235

| No. of weeks of NPTEL Courses | Equivalence of NPTEL course with regular FDP |
|---|---|
| 4 | $\frac{1}{2}$ FDP of one week |
| 8 | Full FDP of one week |
| 12 | $1\frac{1}{2}$ FDP |

**Duration of NPTEL course:** 8 Weeks

# NPTEL-AICTE
## Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)

*This certificate is awarded to*

**ANIL SHAMRAO ALANE**

*for successfully completing the course*

**Waste to Energy Conversion**

*with a consolidated score of* **60** %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

**(Feb-Apr 2019)**

Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL19CH13S61060025

To validate and check scores: http://nptel.ac.in/noc

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses.
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

Prof Mayur Dande completed the completed the NPTEL course on Consumer Behavior

Roll No:NPTEL19MG08S21040042

To MAYUR ANIL DANDE
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON

235

| No. of weeks of NPTEL Courses | Equivalence of NPTEL course with regular FDP |
|---|---|
| 4 | $\frac{1}{2}$ FDP of one week |
| 8 | Full FDP of one week |
| 12 | $1\frac{1}{2}$ FDP |

**Duration of NPTEL course:** 8 Weeks

# NPTEL-AICTE
## Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)

*This certificate is awarded to*

**MAYUR ANIL DANDE**

*for successfully completing the course*

**Consumer Behaviour**

*with a consolidated score of* **74** %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

**(Jan-Mar 2019)**

Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL19MG08S21040042

To validate and check scores: http://nptel.ac.in/noc

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses.
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

Roll No:NPTEL19CH26S21450031

To ANIL SHAMRAO ALANE
DEPARTMENT OF ASH
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING,SHEGAON
SHEGAON
BULDHANA
MAHARASHTRA
444203
PH. NO :9503630972

| No. of weeks of NPTEL Courses | Equivalence of NPTEL course with regular FDP |
|---|---|
| 4 | $\frac{1}{2}$ FDP of one week |
| 8 | Full FDP of one week |
| 12 | $1\frac{1}{2}$ FDP |

**Duration of NPTEL course:** 8 Weeks

# NPTEL-AICTE
## Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)

*This certificate is awarded to*

**ANIL SHAMRAO ALANE**

*for successfully completing the course*

**Technologies for Clean and Renewable Energy Production**

*with a consolidated score of* **61** %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

**(Jul-Sep 2019)**

Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL19CH26S21450031

To validate and check scores: http://nptel.ac.in/noc

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses.
**F.No. AICTE / RIFD / FDP through MOOCs / 2017-18**

Roll No:NPTEL22GE08S13080145

To MADHAO B BHAMBERE
7 TUKARAM BHAVAN SSGM COLLEGE OF ENGG
KHAMGAON ROAD, SHEGAON DIST- BULDHANA
SHEGAON
MAHARASHTRA - 444203
PH. NO :8390257210

| No. of weeks of NPTEL Courses | Equivalence of NPTEL course with regular FDP |
|---|---|
| 4 | $\frac{1}{2}$ FDP of one week |
| 8 | Full FDP of one week |
| 12 | $1\frac{1}{2}$ FDP |

**Duration of NPTEL course:** 12 Weeks

# NPTEL-AICTE
## Faculty Development Programme

(Funded by the MoE, Govt. of India)

*This certificate is awarded to*

**MADHAO B BHAMBERE**

*for successfully completing the course*

**Research Methodology**

*with a consolidated score of* **55** %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

**(Jan-Apr 2022)**

Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL22GE08S13080145

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses.
**F.No. AICTE / RIFD / FDP through MOOCs / 2017-18**

Roll No:NPTEL19MG53S21040055

To VISHAL VINAYAKRAO PATIL
5 TUKARAM BHAVAN , SSGMCE CAMPUS,
SHEGAON
SHEGAON
BULDHANA
MAHARASHTRA
444203
PH. NO :9422864248

| No. of weeks of NPTEL Courses | Equivalence of NPTEL course with regular FDP |
|---|---|
| 4 | $\frac{1}{2}$ FDP of one week |
| 8 | Full FDP of one week |
| 12 | $1\frac{1}{2}$ FDP |

**Duration of NPTEL course:** 8 Weeks

# NPTEL-AICTE
## Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)

*This certificate is awarded to*

**VISHAL VINAYAKRAO PATIL**

*for successfully completing the course*

**Corporate Social Responsibility**

*with a consolidated score of* **55** %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

**(Jul-Sep 2019)**

Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL19MG53S21040055

To validate and check scores: http://nptel.ac.in/noc

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses.
**F.No. AICTE / RIFD / FDP through MOOCs / 2017-18**

Roll No:NPTEL18HS30S21750011

To
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON

19/235

| Score | Type of Certificate |
|---|---|
| >=90 | Elite + Gold Medal |
| 60-89 | Elite |
| 40-59 | Successfully Completed the course |
| <40 | No Certificate |

**No. of credits recommended by NPTEL:2**

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

*This certificate is awarded to*

**NAMRATA RAVINDRA PATIL**

*for successfully completing the course*

## Developing Soft Skills and Personality

*with a consolidated score of* **57** %

| Online Assignments | 12.00/25 | Proctored Exam | 45/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **12219**

T V Prabhakar
Prof. T. V. Prabhakar
Chairman
Center for Continuing Education, IITK

**Aug-Oct 2018**
**(8 week course)**

Satyaki Roy
Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam

Roll No: NPTEL18HS30S21750011

To validate and check scores: http://nptel.ac.in/noc

Roll No: NPTEL19MG06S11040060

To
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON

6/235

| Score | Type of Certificate |
|---|---|
| >=90 | Elite+Gold |
| 75-89 | Elite+Silver |
| >=60 | Elite |
| 40-59 | Successfully completed the course |
| <40 | No Certificate |

**No. of credits recommended by NPTEL:2**

Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

*This certificate is awarded to*

## SHUBHANGI SAMADHAN RANE

*for successfully completing the course*

## Principles Of Human Resource Management

*with a consolidated score of* **61** %

| Online Assignments | 23.00/25 | Proctored Exam | 37.5/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **2466**

A. Goswami

**Jan-Mar 2019**
**(8 week course)**

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL19MG06S11040060

To validate and check scores: http://nptel.ac.in/noc

Roll No:NPTEL18GE18S21050023

To
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON

8/235

| Score | Type of Certificate |
|---|---|
| >=90 | Elite + Gold Medal |
| 60-89 | Elite |
| 40-59 | Successfully Completed the course |
| <40 | No Certificate |

**No. of credits recommended by NPTEL:1**

Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

*This certificate is awarded to*

**AMEY RANJEET KALE**

*for successfully completing the course*

**Stress Management**

*with a consolidated score of* **60** %

| Online Assignments | 20.83/25 | Proctored Exam | 39/75 |
|---|---|---|---|

Total number of candidates certified in this course: **1082**

Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

**Aug-Sep 2018**
**(4 week course)**

A. Goswami
Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam

Roll No: NPTEL18GE18S21050023

To validate and check scores: http://nptel.ac.in/noc

**REPORT ON STUDY TOUR CUM INDUSTRIAL VISIT**

**DEPARTMENT OF BUSINESS ADMINISTRATION AND RESEARCH**

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON**

A study tour cum industrial visit including twenty students from MBA I year and three faculty members was organized during 20- 21 December 2022 to the following places-

1- Mahatma Gandhi Institute for Rural Industrialization (MGIRI), Wardha
2- Center of Science for Villages, Wardha
3- Magan Museum, Wardha
4- Sevagram Aashram, Sevagram
5- Pavnar Ashram, Pavnar

During this visit, the aspirants had an opportunity to meet people, interact, comprehend and experience the functioning at Khadi and Textile Division, Rural Energy and Infrastructure Division, Rural Craft and Engineering Division, Micro processing and Herbal Division at MGIRI. The Senior Scientific Officer Mr. Sachin Raut and his colleagues illustrated the ins and outs of the entire institute's functioning. They further explored the possibilities of internships, projects, trainings and entrepreneurial venture possibilities matching with the Management fraternity and MBA students. A few personnel were also requested for guest talks in the department.

Different places at Sevagram Ashram like Adi Niwas (The First Cottage), Prayer Ground, Bapu Kuti (Gandhi's Cottage), Ba Kuti (Kasturba's Cottage), Akhri Niwas (The Last Abode) and the interactions with the personnel from Ashram added colors to the visit. This was distinguished, special and unique learning experience in the light of Gandhian Philosophy which is also a part of syllabus in the subject Indian Ethos and Business Ethics for MBA I year students.

Mr. Gautam Bajaj elaborated the life, philosophy, work of Vinoba Bhave at Pavnar Ashram and also shared the views on Vinoba Bhave's literature and its contemporary relevance in the context of youth. Students and faculty members participated in the everyday "Vishnusahastranam" prayer at Pavnar Ashram. The visit was also significant in the light of Holistic Approach and NEP (National Education Policy).

Visit to ( MGIRI), Wardha

Visit to  Ashram

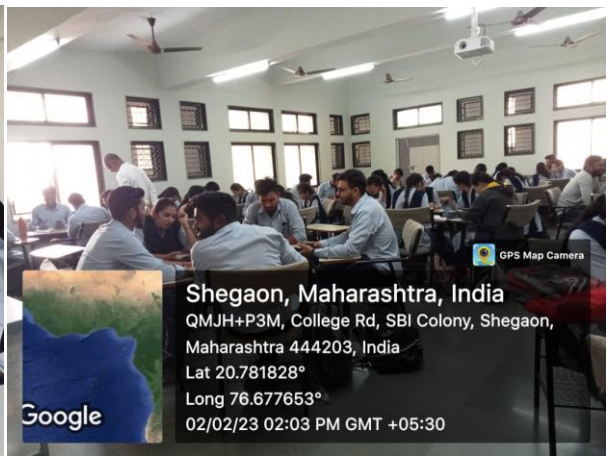
**A Report on Workshop on Holistic Management**

**Department of Business Administration and Research**

**Shri Sant Gajanan Maharaj College of Engineering, Shegaon**

There has been turbulence in the corporate, business, public and non profit organisations because of numerous changes. Innovative ways are being adopted by organisations to cope up. Some of such ways have succeeded and set an example for others. “Holistic Management” is a buzzword these days. In fact, it’s a pretty old practice. Digestion and assimilation of thoughts from Vedanta Philosophy, Eastern Way of Management and Indian Ethos are the pillars of Holistic Management.

It is therefore essential for the management aspirants to understand, analyse and apply different attributes of Holistic Management. The workshop was organised by Dr. Mayur A. Dande on 2 February, 2023 for MBA I year students. 58 students participated actively in the workshop. The related material (Soft copies and Hard copies) was provided to the participants. Some snaps of the workshop are given below.




**Schedule**

**(Thursday, 2 February, 2023)**

| Time | Content | Pedagogical Tool |
|---|---|---|
| 1.30 p.m.- 2.00 p.m. | Introduction- Vedanta Philosophy and Indian Ethos | Lecture/ Talk and Short Video (Nirvanashtakam by Adi Shankaracharya) |
| 2.00 p.m.- 2.15 p.m. | Introductory Part of a Research Paper by Dr. Himadri Barman | Lecture/ Talk and Question- Answer |
| 2.15 p.m.- 3.15 p.m. | Research Paper Analysis- I | Lecture/ Input, Reading, Discussion and Brain Storming |
| 3.15 p.m.- 3.45 p.m. | Break | |
| 3.45 p.m.- 4.45 p.m. | Research Paper Analysis- II | Lecture/ Input, Reading, Discussion and Brain Storming |
| 4.45 p.m.- 5.45 p.m. | Conclusion | Brief Presentations by participants, Question- Answer |
| 5.45 p.m. - 6.00 p.m. | Oral Feedback | |

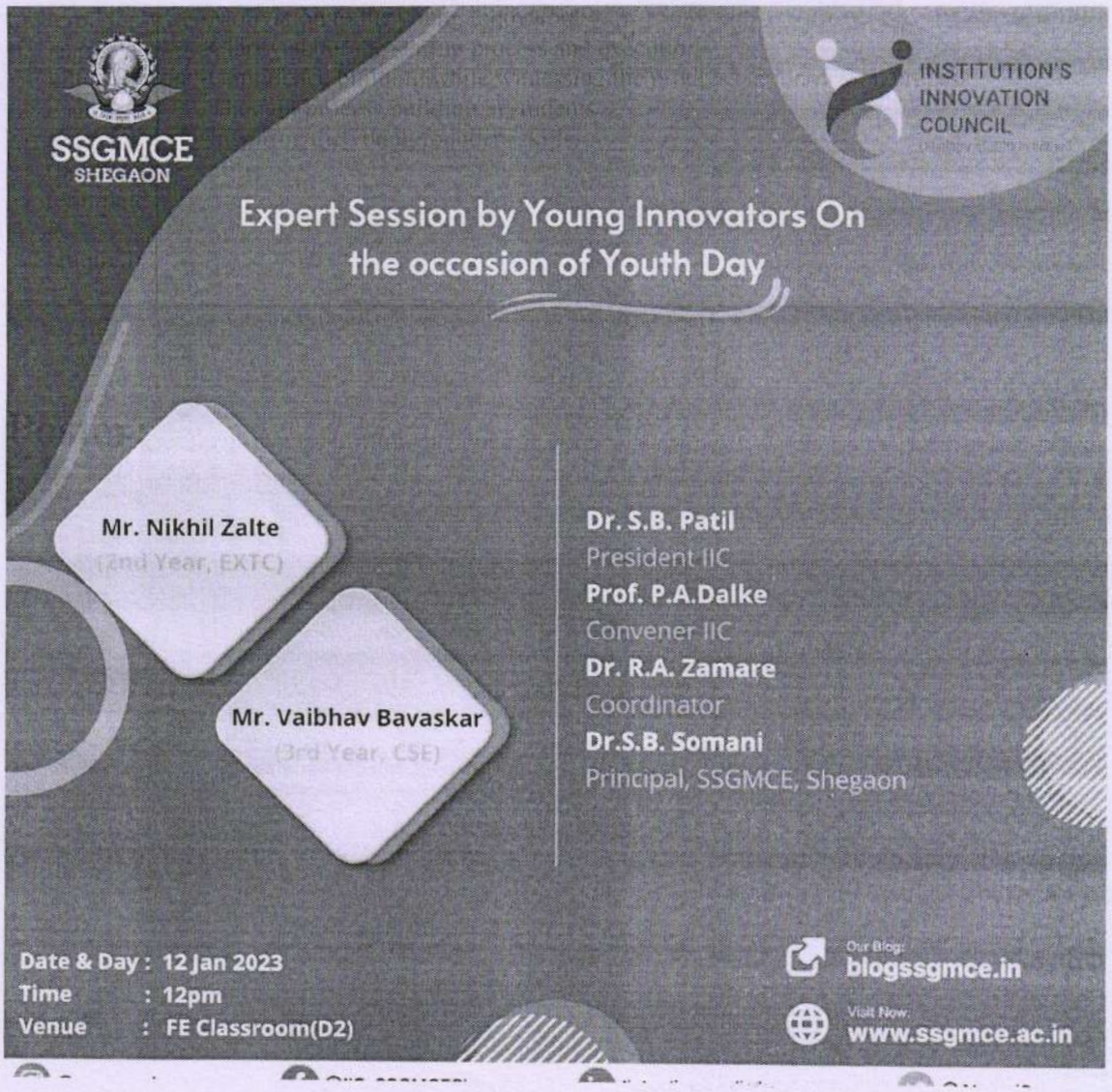
Mayur A. Dande
Coordinator

# Shri Sant Gajanan Maharaj College of Engineering, Shegaon

| | |
|---|---|
| Name of the event: . | National Youth Day |
| Speaker | Mr.Vaibhav Bavaskar,( Student of IIIyear Computer Science & Engg Dept)<br>Startup named Foodvez<br>Mr.Nikhil Zalte(Student of II yearElectronics & tele Communication Dept.) ,<br>Startup named Zenswear |
| Academic year | 2023-2024 |
| Program Theme (My story- Motivational session by Successful Innovators) | Inviting young innovators/start-up founders/co-founders to interact with the students about their project/company/innovative efforts |
| Start date & End Date (DD/MM/YYYY) | 12/01/2023 |
| Duration of the activity(in hours) | 1:00Hr(12:00PM to 01:00PM) |
| No. Participants (Student / Faculty/If any External participants) | Student 57 & faculty 03 |
| Mode of session(online/offline) | Offline |
| Program driven by | IIC Calendar Activity |
| Session reading link / Offline venue<br><br>All SocialMediaLink (Promotion) | FE Classroom, SSGMCE, Shegaon (Maharashtra)<br>Facebook<br>https://m.facebook.com/story.php?story_fbid=pfbid02TEAFKssv75ATv8iCbUT9c2xUbQxPFNMAnHHrJWdJNr9bGsrGpcm5gFoH5qrezjWnl&id=100084395894152&mibextid=Nif5oz<br>linkidin<br>https://www.linkedin.com/posts/ssgmce_ssgmceshegaon-ssgmce-engineering-activity-7018496109811576832-qsE6?utm_source=share&utm_medium=member_desktop<br>Twitter<br>https://twitter.com/AlumniSsgmce/status/1612730059412090880 |
| Event Coordinator Faculty Name/Department /Designation | Dr .R. A. Zamare (Assistant Professor. CSE Dept.) |
| Target Participants | All First Year Students & faculties of SSGMCE Shegaon |

| | |
|---|---|
| • Objective | • Objective:-<br>-To empower future innovators to innovate new products, services or models to meet emerging requirements, unarticulated needs, or existing market needs of the society more effectively through an innovative challenge.<br>-Enhancing identified youth with design thinking, collaborative, creative problem solving .<br>-Mentoring students and intensifying networking to build a product or develop a process for showcasing in the Young Innovators' Challenge. |
| • Benefit in term of learning/skill/knowledge obtained (benefit in term field is required) | Outcome-<br>-Motivation to the young innovators<br>-Clarity about the startup process and execution<br>-Confidence building while witnessing the progress in innovation process<br>-Thought process building in students<br>-Inspiring the young founders skills. |

# Poster:

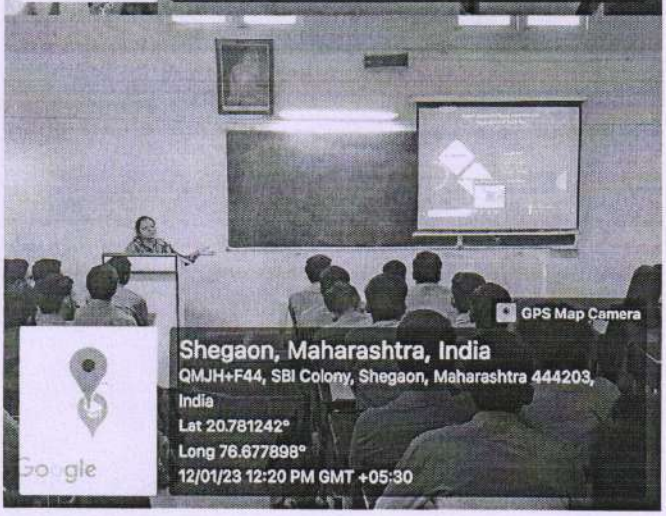


**Overview of the program:**

Shri Sant Gajanan Maharaj College of Engineering, Shegaon, in association with Institution Innovation Council has organized Youth day by inviting young innovators/start-up founders/co-founders to interact with the students about their project /company/innovative efforts coordinated by Dr. R. A. Zamare, Computer Science and Engineering Department, SSGMCE, Shegaon. The event was carried by two students of Shri Sant Gajanan Maharaj College of Engineering i.e Mr. Vaibhav Bavaskar studying III year CSE department followed by Mr.Nikhil Jalte II year E&TC department. The event was held on 12th January 2023 at 12.00 PM with a warm welcome by Dr. S. B. Patil (President IIC), Prof. P. A. Dalke (Converner IIC) and Dr.S.B Somani Principal SSGMCE Shegaon.

Mr Vaibhav Bavaskas is one of the cofounder of his Foodvez.com having website address as www.foodvez.com.It is a curated healthy foods market place backed by natural product recommendation and community of experts.He spoke about the entire process of market survey ,the team research and launching of his products range.Mr Nikhil Zalte is having a startup named Zenswear website as https://www.zenswear.com.It is a appreal manufacturing company with a view to create clothing line according to customer design and print needs. Both the startup speakers have not only given the clear ideas to students but also solved their queries,problems and hesitation among students best answers during question answer session.It was a motivational view to the thought process for the young students.Youth day was celebrated with zeal and enthusiasm among students.

# Event Gallery: (Attachments)



SSGMCE
Shegaon, MS, India 444 203

INSTITUTION'S INNOVATION COUNCIL

Shree Sant Gajanan Maharaj College of Engineering, Shegaon (Maharashtra)

**Attendance Sheet**

**Name of the Event** Expert Session by Young Innovators on the occasion of Youth Day

**Name of Speakers** Mr. Nikhil Zalte & Mr. Vaibhav Bavaskar

**Date & Time** 12-Jan-2023 12.PM

| Sr.No | Name | Signature |
|---|---|---|
| 1. | Hrishikesh murlidhar kokode | |
| 2 | Sachin SUNIL Khandale | |
| 3 | Aniket R. Ingle | |
| 4 | Atharva Jitendra Wankhade | |
| 5 | Rajwal Janardan Sangle | |
| 6 | Nikhil Dinkar Jumare | |
| 7 | Laxman S. Gadle | |
| 8 | Shivam G. Bhambare | |
| 9 | Aditya S. Awachat | |
| 10 | Rohan S. Raut | |
| 11 | Pranav. H. Kumbhare | |
| 12) | Prasad Raju Borkar. | |
| 13) | Akshay. S. Pahurkar | |
| 14) | Saurabh K Gaikwad | |
| 15) | Sanket P. Nage | |
| 16) | Ayush N. Thote | |
| 17) | Vedant K. Wadode | |
| 18) | Shripad. G. Ingle | |
| 19) | Atharva D. Raut | |
| 20) | Prathmesh Vinod Patade | |
| 21) | Pratik Sunil Tayde | |
| 22) | Chetan Ramesh Tidke | |
| 23) | om Siddheshwar Raut | |
| 24) | Yash Dubey | |
| 25] | Ayush U. Ardak | |
| 26) | Aman Harish Kodwani | |

| | | |
|---|---|---|
| 27 | Krushna Sanjay Agrawal | |
| 28) | Renu Vijay Bagdiya | |
| 29 | Radhika Anil Thakare | |
| 30 | Tanhvi J Kokwar | |
| 31 | Srudika Anil Kir | |
| 32 | Ruthja Gajanan Balsaraf | |
| 33 | Bhagyashri Kisan Hajare | |
| 34 | Pratiksha Shivshankar Dushetwar | |
| 35 | Sakshi Gajanan Kalamb | |
| 36 | Saniya Narendra Sagare | |
| 37 | Neha Sanjay Bhut | |
| 38 | Rutuja Raju Gadam | |
| 39 | Arpita Sunil Mahale | |
| 40 | Shreya Anant Tayade | |
| 41 | Vidhi Pramod Bhade | |
| 42 | Omika Pradeep Chaudhary | |
| 43 | Shivani Nishad Tharat | |
| 44 | Neha Bharat Mhaske | |
| 45 | Tapassu Anil Bagde. | |
| 46 | Saloni Shirish Magar | |
| 47 | Sakshi. Narendra. Dadgal | |
| 48 | Samruddhi Gopal Bhakare | |
| 49 | Sanjali Prakash Damdhor | |
| 50 | Vaishnavi C. Deshmukh | |
| 51 | Sneha Prashant Kathale | |
| 52 | Dhanashri Mohan Boode | |
| 53 | Mansi Manish Parashar | |
| 54 | Sakshi Santosh Satao | |
| 55 | Srushti Ravindra Dabhade | |
| 56 | Shraddha Deepak Gupta | |
| 57 | Shweteshwari Niranjan Solanke | |

Dr.R.A.Zamare
Dept. IIC Coordinator

12/11/23
Dr.S.B.Patil
President IIC

Report on: Research paper presentation organized by Shri Sant Gajanan Maharaj College Of Engineering, Shegaon

Held on: 8th April 2023

| | |
|---|---|
| Date of Event | 08.04.2023 |
| Name and Type of Event | Parishkriti and Research paper presentation - 2023 |
| Conducted by | Organized by the faculty and Student of MBA Department, SSGMCE, Shegaon. Paper presented by: Vaishnavi Sahu and Shaikh Avez |
| No. of Participants | 16 |

Student of MBA department of SSGMCE (Vaishnavi Sahu & Shaikh Avez) hosted the event of Research paper presentation through the physical mode on April 8th, 2023.

A Paper Presentation event is an academic gathering where scholars, researchers, and experts present their research papers to an audience of their peers. The event is usually structured around a series of sessions, with each session comprising a group of related papers presented by different researchers. Each presentation is typically limited to a specific time frame, such as 10-15 minutes, followed by a question-and-answer session.

## Objective:

- To provide a platform for researchers, academics, and students to present their research findings and research.
- To share knowledge, promote discussion and debate, and foster collaboration and networking among researchers.
- To serve as a means to disseminate research findings and advance knowledge in various fields of study.
- To facilitate the exchange of ideas, promote scholarly communication, and advance research in various fields of study.

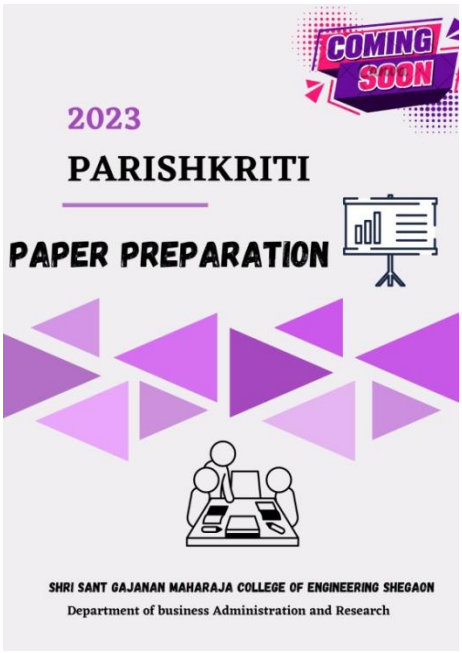
The papers presented at the event are usually pre-selected by the organizing committee based on their relevance and quality. Participants are required to submit their papers well in advance of the event to allow for a thorough review process.

The event evaluators were with **Prof. Rajkumar K. Dhanuka, Dr. Meghna C. Khatri and Prof. Aadesh Solanke.** There were 16 participates in the event interesting research subject. The research subject was Marketing Management, Financial Management and Human Resource Management .The title were;

- The Effects Of Social Media On Consumer Behavior And Marketing Strategies
- Impact Of Stress On Employees Behavior In Organization
- Impact Of User-Generated Content On Brand Awareness
- Effectiveness Of Digitalization In Hrm: An Emerging Trend

The rules for the event were; All the participants will be entitled for a certificate. An electronic version of manuscript in MS Word must be sent in online mode only. Manuscript should be of 2500 - 3500 words.

Authors need to submit a plagiarism report along with their research paper . The event were structure in three round ; Submission of research abstract , Submission of Final paper & Presentation.



## Outcomes of event :

- Sharing research findings
- Receiving  positive feedback
- Publication opportunities
- Professional development
- Generating new research ideas

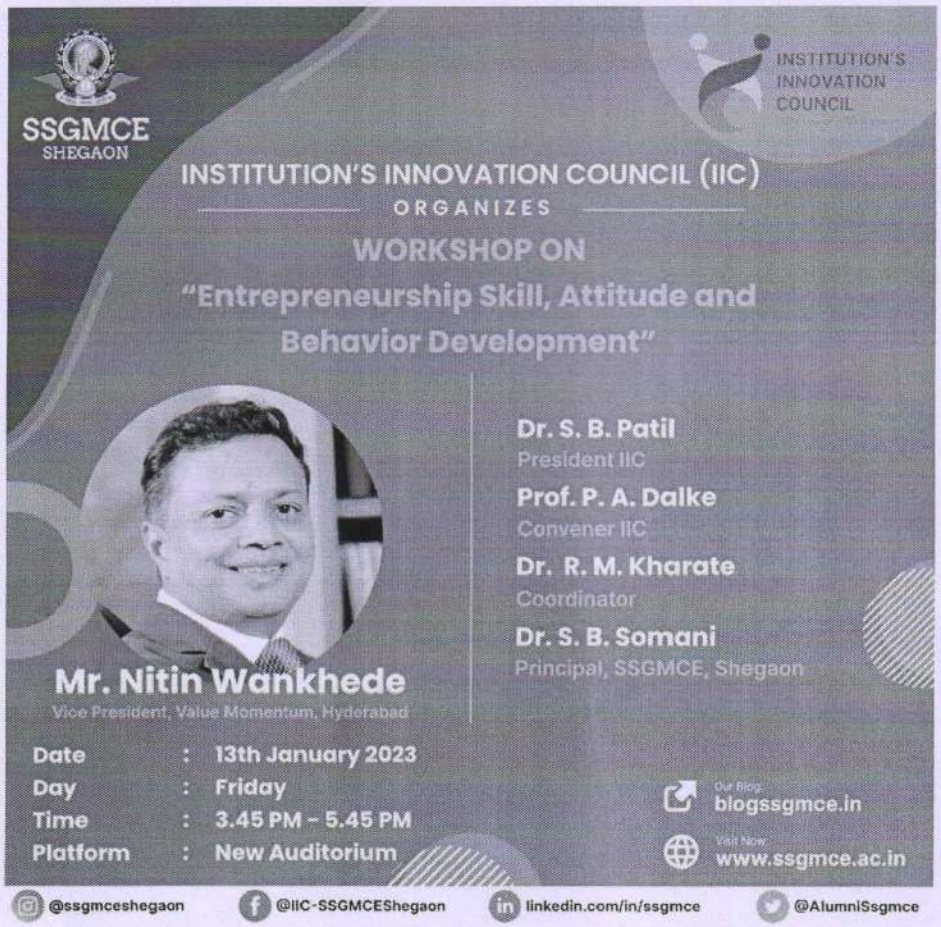
The total registration was 20 but 16 participate  only present their paper and all have given a positive feedback.

Mayur A. Dande
Coordinator

# Shri Sant Gajanan Maharaj College of Engineering, Shegaon

| | |
|---|---|
| **Name of the Event:**<br>Program types (Expert Talk / Exposure Visit / Mentoring Session / Seminar / Workshop / Competition / Exhibition / Bootcamp etc.) | **Workshop on** "Entrepreneurship Skill, Attitude and Behavior Development" |
| Resource Person | Mr. Nitin Wankhede, Vice-President, Value Momentum Hyderabad |
| Academic Year | 2022-2023 |
| Program Theme:<br>(IPR / R&D and Innovation / Start-up /Entrepreneurship / Design Thinking / Incubation & Pre – Incubation / others) | Start-Up / Entrepreneurship / Incubation & Pre – Incubation |
| Start date & End Date<br>(DD/MM/YYYY) | 13/01/2023 |
| Duration of the activity (in hours) | 5 Hours |
| No. Participants (Student / Faculty / If any External participants) | 61 Students & 29 Faculty Members |
| Mode of session (online / offline) | Offline |
| Program driven by (IIC Calendar Activities / Self Activities / MIC Activities / Celebration activity) | IIC Calendar Activities |
| Session link / Offline venue<br><br>All Social Media Link (Promotion) | Offline Venue: New Auditorium<br>https://www.facebook.com/ssgmceofficialpage<br>https://www.instagram.com/ssgmceshegaon/<br>https://twitter.com/AlumniSsgmce<br>https://www.linkedin.com/school/71648478/admin/ |
| Event Coordinator<br>Faculty Name / Department / Designation | Dr. R. M. Kharate (A.S.&H. Dept.) |
| Target Participants | Students & Faculty Members of SSGMCE, Shegaon |
| **Objective:**<br>Benefit in terms of learning / skill / knowledge obtained (benefit in term field is required) | Objectives:<br>To create awareness about the entrepreneurship among students.<br>To let them know the eco-system of start-ups.<br>Benefits:<br>Students learnt about entrepreneurship.<br>They learnt about start-ups. |

**Poster:**


SSGMCE
SHEGAON
INSTITUTION'S
INNOVATION
COUNCIL
INSTITUTION'S INNOVATION COUNCIL (IIC)
ORGANIZES
WORKSHOP ON
"Entrepreneurship Skill, Attitude and Behavior Development"
Dr. S. B. Patil
President IIC
Prof. P. A. Dalke
Convener IIC
Dr. R. M. Kharate
Coordinator
Dr. S. B. Somani
Principal, SSGMCE, Shegaon
Mr. Nitin Wankhede
Vice President, Value Momentum, Hyderabad
Date : 13th January 2023
Day : Friday
Time : 3.45 PM - 5.45 PM
Platform : New Auditorium
Our Blog
blogssgmce.in
Visit Now
www.ssgmce.ac.in
@ssgmceshegaon
@IIC-SSGMCEShegaon
linkedin.com/in/ssgmce
@AlumniSsgmce

**Overview of the program:**

Institutions Innovation Council of Shri Sant Gajanan Maharaj College of Engineering, Shegaon organized a workshop titled "Entrepreneurship Skill, Attitude and Behaviour Development" on 13th January 2023 at New Auditorium of the college.

Mr. Nitin Wankhade addressed the students and faculty members **"Entrepreneurship Skill, Attitude and Behaviour Development"**. In his workshop, he discussed the various aspects of entrepreneurship, and start-up eco-system. He highlighted the importance of attitude and behaviour in professional life.

He explained the following points during the workshop:

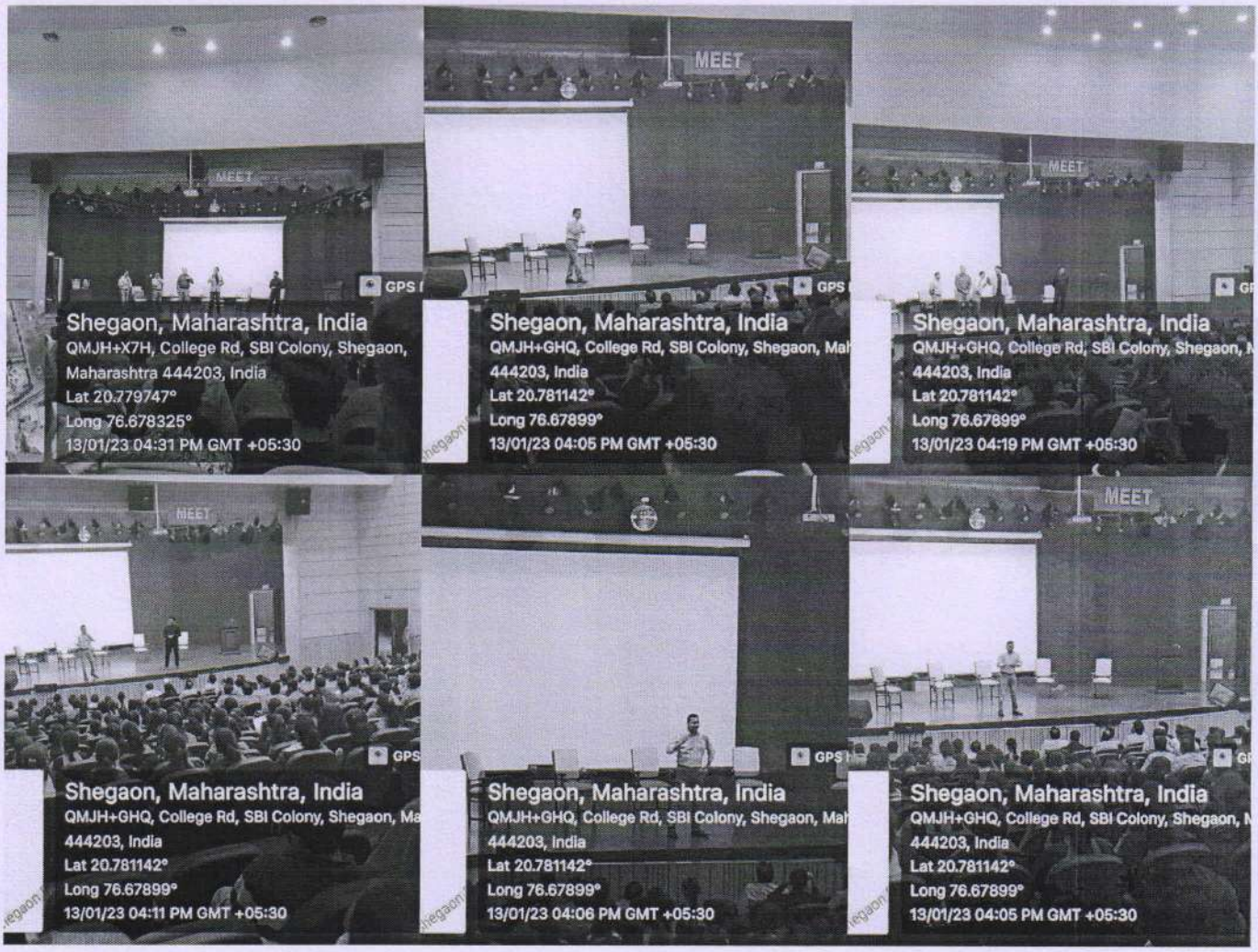
- How to create a successful business model using Babson's Entrepreneurial Thought & Action methodology
- Design thinking
- Strategic positioning and value proposition development
- Financial modelling
- The role of the founder, building effective partnerships, and recruiting team members
- Marketing, personal selling, and customer acquisition
- Harnessing resources and fundraising
- Pitching to investors
- It was an informative and insightful workshop for the budding engineers.

Here are a few benefits of the workshop:

- Students understood the eco-system of entrepreneurship and start-ups.
- Sparked Creativity of the students
- Promoted Effective communication amongst students
- Inculcated Basic Life Skills amongst students
- Students understood the importance Effective Leadership
- It helped students learn the time management
- It prepares students for the outside world
- It would help students in Decision Making
- Students realized the importance of attitude and behaviour at the workplace.

He answered the questions asked by the students with many real-life examples from the industry. He motivated the students to start thinking out of the box and suggested them to identify the problems and to find the solutions to those problems.

## Event Gallery: (Attachments)



## Attendance:

SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON

INSTIUTION'S INNOVATION COUNCIL

Workshop: "Entrepreneurship Skill, Attitude and Behavior Development
Day & Date: Friday, 13th January 2023
Time: 03.45pm
Target Audience: All students and faculty members
Venue: New Auditorium

Attendance Sheet

| S.N. | Name of the Students | Signature |
|---|---|---|
| 1. | Shraddha Gupta | Gupta |
| 2. | Tapassu Bagale. | Bagale |
| 3. | Saloni Magar | S.S Magar |
| 4. | Srushti Dabhade | Dabhade |
| 5 | Sakshi Dadgal | Dadgal |
| 6. | Shwetashwari Niranjan Solanke | Solanke |
| 7. | Shreya. d. Tayade | |
| 8. | Arpita. s. Mahale | Mahale |
| 9. | Samruddhi. Bhakare | |
| 10. | Srushka Vir | |
| 11. | Vidhi Bhasle | Bhasle |
| 12. | Sneha Prashant Kathale | |
| 13 | Vaishnavi C. Deshmukh | |
| 14) | R Omika Choudhary. | Choudhary |
| 15) | Rutuja Balsaraf | |
| 16) | Aditya S. Awachat | Awachat |
| 17) | Akshay L. Pahurkar | Pahurkar |
| 18) | Ayush M. Thote. | |
| 19) | Atharva A. Raut | Raut |
| 20) | Hrishikesh m. Kokate | |
| 21) | Atharva Jitendra Kanthade. | |
| 22) | Aniket R. Ingle | |
| 23) | Chetan R Tidke | |
| 24) | Parish S. Tayde | |
| 25) | Vishal. Sabe | |
| 26) | Radhika Thakare | |
| 27) | Sanket P. Nage | |
| 28) | Sachin J. Khakare | Khakare |
| 29) | Vedant K. Wadode | Wadode |

| | | |
|---|---|---|
| 30) | Vedansha Prafulla Bhute | |
| 31) | Yash Dubey | |
| 32) | kushna Agrawal | |
| 33) | Saurabh K. Gaikwad | |
| 34) | Shivam G. Bhambere | |
| 35) | Pranjal J. Sangle | |
| 36) | Rohan S Rout | |
| 37) | Prasad P Borkar | |
| 38) | Abhinay Avdhut Chapake | |
| 39) | Ruchi Rumesh Payghan | |
| 40) | Unnati A Deshmukh | |
| 41) | Om Ravi Dhoje | |
| 42) | Harsh R. Fulare | |
| 43) | Abhishek Adakane | |
| 44) | Ratik Vinod Tayde | |
| 45) | [illegible] Kadu | |
| 46) | Vishal Kotrau | |
| 47) | Gaurav Singh | |
| 48) | Adinath Gogate | |
| 49) | Laxman Ramnagale | |
| 50) | Devesh M. Pawar | |
| 51) | Rutuja Gadam | |
| 52) | Sanjya N. Sagare | |
| 53) | Dhanashri M. Boarde | |
| 54) | Neha bhut | |
| 55) | Radhika Thakare | |
| 56) | Mansi Bhaskar | |
| 57) | Pranav kumbhare | |
| 58) | Manthan Sanjay Kolte | |
| 59) | Atharva Ingle | |

| S.N. | Name of the Faculty Member | Signature |
|---|---|---|
| 01 | Dr. V.V. Ratnaparkhi | |
| 02 | A.N. Dolas | |
| 03 | Dr P.R. Markhede | 13/1/23 |
| 04 | V.S. Ingole | |
| 05 | S.T. Kadas | |
| 06 | M.B. Shambharkar | |
| 07 | K.D. Gadgil | |
| 08 | C.V. Patil | |
| 09 | A.S. Alone | |
| 10 | M.C. More | |
| 11 | J.G. Khan | |
| 12 | A.B. Solanke | |
| 13 | Dr. D.P. Tulaskar | |
| 14 | K.T. Kaher | |
| 15 | Dr. R.S. Dhekekar | |
| 16 | K.R. Dudhe | |
| 17 | Prof. S.P. Joshi | 13/1/23 |
| 18 | Vishal V Patil | |
| 19 | W.Z. Suliya | |
| 20 | S.M. Mishra | |
| 21 | M.A. Dande | |
| 22 | A.S. Tale | |
| 23 | T.P. Narode | |
| 24 | Dr. R.M. Kharat | |
| 25 | S.B. Pagar | |
| 26 | Dr P.K. Bharne | |
| 27 | S.S. Muddalkar | |
| 28 | S.D. Padiya | |
| 29 | P.S. Bhakare | |

**Dr. R. M. Kharate**
**Coordinator**

13/1/23

**Dr. S. B. Patil**
**President-IIC**

**A Guest Talk on "Need for Values in Global Change"**

A Guest Talk was organized on the topic "Need for Values in Global Change" by Swami Tanmayanandaji, Secretary, Ramkrishna Math, Ambikapur, Chattisgarh for students on 23 August, 2018 in Swadhyay Kaksh. 48 participants were present for the guest talk which was followed by question- answer session and formal vote of thanks.

Mayur A. Dande
Coordinator

International Journal of Research in Engineering, Science and Management
Volume-2, Issue-5, May-2019
www.ijresm.com | ISSN (Online): 2581-5792


# Energy Audit in Oil Mill: Considering Motor Load

Shraddha Deshmukh[1], Akash Badukale[2], Gaurav Patne[3], M. R. Chavan[4]
[1,2,3]*Student, Department of Electrical, Electronics and Power Engineering, Shri Sant Gajanan Maharaj College of Engineering, Shegaon, India*
[4]*Professor, Department of Electrical, Electronics and Power Engineering, Shri Sant Gajanan Maharaj College of Engineering, Shegaon, India*

***Abstract*: Day by day energy demand keeps rising as there is a limited amount of resources that can help us to generate electricity. So that it is essential to reduce energy consumption. The main aim of paper is to perform an in-depth study in industry in order to reduce energy consumption. For finding the scope for conservation of energy the best option is energy audit. Energy audit is a process to determine how and where energy is being used and to identify opportunities to reduce energy usage. This paper is based on energy audit performed for an industry Ganesh oil Mill, specialized in producing oil as a main product and by product as cotton seed cake. Main objective is to evaluate used of energy in above industry for energy conservation in motors and determine opportunities for energy saving with efficient techniques to reduce monthly electricity bill. Calculation of payback period for each recommended action has been made. The result of this activities are documented. Execution of audit in oil mill can develop the plant efficiency.**

***Keywords*: Textile Industry, Energy audit, three phase motor, Efficiency.**

## 1. Introduction

Energy audit is verification, monitoring and analysis of energy use including submission of technical report containing all recommendations with cost benefit analysis and action plan to reduce consumption. The energy audit was conducted at Ganesh Oil Mill of Khamgaon MIDC, Buldhana. The above industry produces cotton seed oil and by product as cotton seed cake whose annual input is 1 lakh 70 thousand quintal in form of cotton seed and annual output is 17 thousand quintal oil and 1 lakh 40 thousand quintal cotton seed cake. It is under the category of HT-1(A) Industry-General having Transformer of 250 KVA, 11Kv/433v, connected load at 433v is 200 Kw and actual load is 197 Kw which comprises of lightning as well as motor load. It has sanctioned maximum demand of 190 Kw. It has many types of equipment and heavy machinery like oil expeller, oil extracting pump, oil neutralizer, dryer etc. As heavy load of industry is motor load therefore paper majorly focused on it.

## 2. Methodology

Methodology includes the discussions with the plant officials to identify the areas for energy conservations. Energy audit team visits the site, and collects data of operations and distribution of load within the plant. This collected data is then analyzed and measures are identified to get best possible energy conservation opportunity. Detailed energy auditing is carried out in three phases:

1. Phase I: Pre Audit
2. Phase II: Audit Phase
3. Phase III: Post Audit

The information to be collected during detailed audit includes energy consumption in various sections and major equipment, energy cost and tariff.

*1) Pre-audit phase*

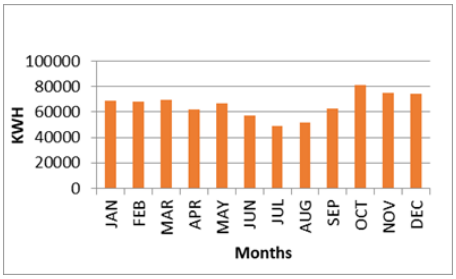



Fig. 1. Monthly Unit Consumption in KWH

Table 1
Sectioned Wise Motor load

| Sr. No. | Sections | No. of Motors & Ratings |
|---|---|---|
| 1 | Storage & Dryer | 3 HP (2 Nos.)<br>2 HP (6 Nos.) |
| 2 | Cleaning | 5 HP (3 Nos.)<br>3 HP (2 Nos.) |
| 3. | Production | 25 HP (8 Nos.)<br>3 HP (2 Nos.)<br>5 HP (1 Nos.) |
| 4 | Oil Section | 3 HP (1 Nos.)<br>5 HP (2 Nos.) |
| Total motor load | | 263 HP<br>(196.19 kW) |

In pre-audit phase includes Informal Interview with Plant Manager, Walk through Audit. Schedule of operation of industry is about 12 hrs. Daily for 20 days of month. By conducting the survey total motor load is calculated as 196.19

kW as shown in Table1. From the analysis of annual energy bill, it was observed, during the month October to February energy consumption is more as compared to other month which is represented in the form of graph as shown in figure1.

*2) Pre-audit phase*

From the collected data it was found that the major power saving regions are replacing old rewound motors with newer energy efficient motor. Energy conservation for motor load is basically perform by major two ways.

1. Replacing existing 25 Hp motor by lower wattage
2. Efficiency Improvement that is replacing existing old motor by newer energy efficient motor with higher efficiency.

As the plant is using 25 Hp motor for expeller while normally expeller for extracting oil work on 30 Hp motor. Considering this statement there is no scope for reducing Hp rating of motor. Hence second option is chosen toward energy conservation in motor. Total motor load of industry is about 196 kW. Major motor load of industry is occupied by Production unit having 3 phase Squirrel Cage Induction Motor of 25 Hp (18.6 kW). In observation it was found that motors are too old and rewound many times hence to know the operating efficiency of motor experimentation is carried out to measure the parameters. In order to find out energy conservation opportunity by replacing the existing motors with energy efficient motor 18.65 kW, 91% efficiency, following procedure is followed.

- Selection of rewound motor.
- Measurement of motor parameter.
- Calculation of motor losses & efficiency.
- Selection of energy efficient motor.
- Analyzing the motor for energy saving.

## 3. Analysis

*1) Calculation of parameters*

The parameters of three phase induction motor are measured by using tong tester and Multi-meter as shown in table 2. These Parameters are used to calculate the power losses of motor and motor efficiency is calculated by using formulas as listed below. Variation in efficiency of 8 motors is between 80% to 82%.

Table 2
Measured Parameters

| | |
|---|---|
| Type of motor | 3 phase squirrel cage induction motor |
| Rating of motor | 25 Hp (18.65 kW), 50 Hz |
| No of pole | 4 pole |
| No load speed | 1449 Rpm |
| Line voltage | 430 V |
| Loading percentage | 75 % |
| No load current | 20.4 A |
| Operating speed | 720 Rpm |
| Current on load | 28 A |

- I/P Power = 1.73 * Vl * I1 * Pf
- Copper Loss = INL2 * R
- Constant loss = I/P Power – Copper Loss
- Output power = (HP Rating) * 746
- Resistance per phase = 1.2*0.9
- Copper loss = IFL2 * R
- Loading condition = 75%
- Power output= (Output Power) * 0.75
- Input power= output power + (copper loss + constant loss)
- Efficiency % = (output/input) * 100
  Efficiency % = 80.28 %

*2) Selection of energy efficient Motor*

As per the market survey and cost benefit analysis, profile of newer energy efficient motor is Kirloskar 25 Hp (18.5 kw), 430 V, 4 pole, 50 Hz, 1500 Rpm, 3 phase foot Mounted Squirrel Cage Induction Motor,91% efficiency, power factor 0.83 of cost Rs 55000. Analysis of replacement of total 8 motor has been done as shown in table 3. And payback period is about 20 months.

Table 3
Analysis of Implementation

| | |
|---|---|
| Difference in efficiency | 10% |
| Energy difference | 19 kWh |
| Total energy consumption of 8 motors | 152 kWh |
| Monthly energy consumption | 3043 kWh |
| Monthly cost saving | Rs 21492.8 |
| Yearly Cost saving | Rs 2,57,913 |

- Prize of Energy Efficient Motor = Rs 55000
- Total Investment = Prize of Motor * Total No of Motor = 55000*8 = Rs 4,40,000
- Payback Period= (Investment/Yearly Cost Saving)*12
  = (440000/257913) *12
  = 20 Month

## 4. Conclusion

In this article, case study depicts that there is a large scope of energy savings in oil mill by replacing the old rewound/ faulty motors by energy efficient motors, there is scope for saving of energy, cost with less payback time of 20 months. The implementation of energy saving measures suggested in this paper is solely dependent on the decision of the industry. Technical Result is as shown in table 4. Energy saving proposals for Oil mil gives approximately saving of Rs. 2.57 Lakhs.

Table 4
Technical result

| S. No | Energy Saving proposal | Annual Saving in Rs/Lakhs | Investment required in Rs/Lakhs | Simple Payback in Month |
|---|---|---|---|---|
| 1 | Replace Re-Winded Motors by Energy Efficient Motor | 2.57 | 4.40 | 20 |

The project has completed with two phases of Audit. Third phase of audit is about implementation of energy saving measures recommended to the Management and monitoring as

well as analyze the progress of the energy conservation measures if it is implemented by the authority of industry.

## References

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[3] Albert Thumann, P. E., C. E. M. William J. Youngers C. E. M, “Hand Book of Energy Audit”.

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ISSN (Online): 2581-5792

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International Journal of Research in Engineering, Science and Management

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SJIF Impact Factor: 4.308

## Certificate

It is here by certified that the manuscript entitled

**Energy Audit in Oil Mill: Considering Motor Load**

by

**Shraddha Deshmukh**

has been published in

Volume-2, Issue-5, May-2019

in

International Journal of Research in Engineering, Science and Management

All the best for your future endeavors

Editor-in-Chief (IJRESM)

A

Report

on

# “What do we value at SSGMCE?”

## Student Orientation and Induction Program

**Academic Year 2022-23**

Shri Sant Gajanan Maharaj College of Engineering,
Khamgaon Road, Shegaon, Dist: Buldhana

| Sr No | Title of Activity | What do we value at SSGMCE?<br>Student Orientation and Induction Program |
|---|---|---|
| 1 | Speaker | Dr. Kalindi Bhat (Mentor, Trainer & Motivational Speaker) |
| 2 | Co-Ordinator | Prof H.S.Patil |
| 3 | Co-Coordinator | Dr.A.S.Tale |
| 4 | Schedule of Activity | Started from 24-11-2022<br>at 11.00am-1.00pm Total **1** Hr. |
| 5 | Time | As per the schedule mentioned in Student Orientation and Induction Training and notice |
| 6 | Objective of Activity | **1.** Clarify and articulate the core values that the institute upholds<br>**2.** Explore the significance of values in shaping the institute's culture and identity.<br>**3.** Encourage participants to reflect on their personal values.<br>**4.** Emphasize the value of respect for diversity and inclusion within the institute. |
| 7 | Venue | **Auditorium** |
| 8 | No. of Beneficiaries | Total- **450** |
| 9 | Syllabus/Topics | What do we value at SSGMCE? |

**About Program**:

The primary aim of this program is to ensure that students feel comfortable, informed, and supported as they embark on their academic journey at the institution.

**Speaker Profile:** Dr. Kalindi Bhat (Mentor, Trainer & Motivational Speaker), Pune

**Topics Covered:** What do we value at SSGMCE?

**Learning Outcomes**:

1. Problem-Solving and Critical Thinking: Students develop problem-solving and critical thinking skills essential for addressing complex challenges encountered in building engineering projects.
2. Adaptability to Technological Advances: Education on skill development keeps students updated with the latest technological advancements and tools relevant to building engineering, ensuring they are adaptable to new technologies.
3. Technical Proficiency: Students gain enhanced technical knowledge and skills specific to building engineering, including architectural design, structural analysis, construction management, and sustainable building practices.
4. Hands-on Experience: Skill development initiatives often incorporate practical training, allowing students to gain hands-on experience with tools, software, and techniques used in the construction industry.
5. Industry-Relevant Skills: Students acquire skills aligned with industry requirements, such as proficiency in Building Information Modeling (BIM), green building practices, regulatory compliance, and knowledge of building codes and standards.
6. Collaboration and Communication: Skill development programs emphasize teamwork, effective communication, and collaboration skills necessary for successful engagement with diverse stakeholders in the construction industry.

**Program Contents:**

Dr. Kalindi Bhat, in her session, discussed the values of SSGMCE, Shegaon. According to her, values play

an important in life. She asked all the students to follow the values of college which will make them better human beings. She focused on nurturing the values: Personal Excellence, Accountability, Trustworthiness, Holistic Development, Creativity & Innovation. These values can be identified as “PATH C”. She explained all these values in detail with a number of examples. She urged students to become brand ambassadors of the college.

She said:

- All of us are born intelligent.
- The goal of student life is to get knowledge and skill.
- Know your passion.
- Don’t compare yourself with others.
- When you break your comfort zone, you can see the difference.
- Focus on “I” factor in any situation and always think what I can do in that particular situation.
- Always keep promises and commitments.
- Maintain yourself physically, socially, mentally and emotionally.
- On time is not on time, 5 minutes later is not on time, before time is on time.
- Spirituality means “Going beyond self.

She also discussed Vision & Mission of the college. It was a wonderful session.

Shri Sant Gajanan Maharaj
College of Engineering
SHEGAON, MAHARASHTRA, INDIA
STUDENT ORIENTATION AND INDUCTION PROGRAMME
for B. E. And M.B.A. First Year (Session 2022-2023)
"WHAT DO WE VALUE AT SSGMCE?"
Day & Date - Thursday, November 24th, 2022
Time - 11:00 am to 01:00 pm
Resource Person
Dr. Kalindi Bhat
Mentor, Trainer & Motivational Speaker, Pune
@ssgmceshegaon
@ssgmceofficialpage
linkedin.com/in/ssgmce
@AlumniSsgmce

Vision / Mission & Values of SSGMCE
24.11.2022

24.11.2022

## SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING,SHEGAON

Student Orientation and Induction Attendance

**Session : 2022-23, Class : 1R,**

| Student Name | | 15-11-2022 | 16-11-2022 | 17-11-2022 | 18-11-2022 | 19-11-2022 | 21-11-2022 | 22-11-2022 | 23-11-2022 | 24-11-2022 | 25-11-2022 | 26-11-2022 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ku. Anagha | Badhe | | | | | | | | | | | |
| Ku. Devashree | Pundlik | P.V.P | D.V.P | D.V.P | D.V.P | D.V.P | D.V.P | D.V.P | D.V.P | D.V.P | D.V.P | D.V.P |
| Ku. Divya | Wadodkar | D.V.Wadodkar | D.V.Wadodkar | D.V.Wadodkar | D.V.Wadodkar | D.V.Wadodkar | D.V.Wadodkar | D.V.Wadodkar | D.V.Wadodkar | D.V.Wadodkar | D.V.Wadodkar | D.V.Wadodkar |
| Ku. Gauri | Patil | G.R.Patil | G.R.Patil | G.R.Patil | G.R.Patil | G.R.Patil | G.R.Patil | G.R.Patil | G.R.Patil | G.R.Patil | G.R.Patil | G.R.Patil |
| Ku. Gauri | Kulkarni | | | | | | | | | | | |
| Ku. Gauri | Gurav | | | | | | | | | | | |
| Ku. Gayatri | Arbat | | | | | | | | | | | |
| Ku. Janhavi | Kolhe | | | | | | | | | | | |
| Ku. Kalyani | Kayande | | | | | | | | | | | |
| Ku. Madhura | Bathe | | | | | | | | | | | |
| Ku. Mayuri | Tomar | | | | | | | | | | | |
| Ku. Nandini | Jambhulkar | | | | | | | | | | | |
| Ku. Priyanka | Tawar | P.B.Tawar | P.B.Tawar | P.B.Tawar | P.B.Tawar | P.B.Tawar | P.B.Tawar | P.B.Tawar | P.B.Tawar | P.B.Tawar | P.B.Tawar | P.B.Tawar |
| Ku. Renuka | Raut | | | | | | | | | | | |
| Ku. Rujuta | Deshmukh | | | | | | | | | | | |
| Ku. Sakshi | Agaldare | S.Agaldare | S.Agaldare | S.Agaldare | S.Agaldare | S.Agaldare | S.Agaldare | S.Agaldare | S.Agaldare | S.Agaldare | S.Agaldare | S.Agaldare |
| Ku. Sanchita | Gahalod | | | | | | | | | | | |
| Ku. Sanika | Jumale | | | | | | | | | | | |
| Ku. Shraddha | Ravankar | | | | | | | | | | | |
| Ku. Shruti | Tarale | | | | | | | | | | | |
| Ku. Shruti | Kolpyakwar | | | | | | | | | | | |

| Student Name | | 15-11-2022 | 16-11 | 17-11 | 18/11 | 19-11 | 21-11 | 22-11 | 23-11 | 24-11 | 25-11 | 26-11 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ku. Shruti | Bedarkar | S.R.Bedarkar | S.R.Bedarkar | S.R.Bedarkar | S.R.Bedarkar | S.R.Bedarkar | S.R.Bedarkar | S.R.Bedarkar | S.R.Bedarkar | S.R.Bedarkar | S.R.Bedarkar | S.R.Bedarkar |
| Ku. Shruti | Chaudhari | Shruti | Shruti | Shruti | Shruti | Shruti | Shruti | Shruti | Shruti | Shruti | Shruti | Shruti |
| Ku. Shruti | Kashikar | S.Kashikar | S.Kashikar | S.Kashikar | S.Kashikar | S.Kashikar | S.Kashikar | S.Kashikar | S.Kashikar | S.Kashikar | S.Kashikar | S.Kashikar |
| Ku. Srushti | Ingale | S.Ingale | S.Ingale | S.Ingale | S.Ingale | S.Ingale | S.Ingale | S.Ingale | S.Ingale | S.Ingale | S.Ingale | S.Ingale |
| Ku. Tanvi | Wasule | T.Wasule | T.Wasule | T.Wasule | T.Wasule | T.Wasule | T.Wasule | T.Wasule | T.Wasule | T.Wasule | T.Wasule | T.Wasule |
| Ku. Tulsi | Totala | Ptotala | Ptotala | Ptotala | Ptotala | Ptotala | Ptotala | Ptotala | Ptotala | Ptotala | Ptotala | Ptotala |
| Ku. Vaishnavi | Lahole | V.Lahole | V.Lahole | V.Lahole | V.Lahole | V.Lahole | V.Lahole | V.Lahole | V.Lahole | V.Lahole | V.Lahole | V.Lahole |
| Ku. Vaishnavi | Mirge | | | | | | | | | | | |
| Ku. Vaishnavi | Ghyar | | | | | | | | | | | |
| Ku. Vishakha | Ganorkar | | | | | | | | | | | |
| Aditya | Kulkarni | Akulkarni | Akulkarni | Akulkarni | Akulkarni | Akulkarni | Akulkarni | Akulkarni | Akulkarni | Akulkarni | Akulkarni | Akulkarni |
| Aditya | Ingle | Angle | Angle | Angle | Angle | Angle | Angle | Angle | Angle | Angle | Angle | Angle |
| Aditya | Siras | | | | | | | | | | | |
| Akhilesh | Khose | Aske | Aske | Aske | Aske | Aske | Aske | Aske | Aske | Aske | Aske | Aske |
| Amit | Kumar | | | | | | | | | | | |
| Ananya | Bodakhe | A.Bodkhe | A.Bodkhe | A.Bodkhe | A.Bodkhe | A.Bodkhe | A.bbodkhe | A.bhadkhe | ABadkhe | A.Bodkhe | A.bodkhe | A.bodkhe |
| Arpit | Raut | Raut | Raut | Raut | Raut | Raut | Raut | Raut | Raut | Raut | Raut | Raut |
| Ashish | Korpe | A.korpe | A.korpe | A.korpe | A.korpe | A.korpe | A.korpe | A.kspe | A.kspe | A.kspe | A.kspe | A.kspe |
| Atharva | Lahase | Nslahase | Nslahase | Nslahase | Nslahase | Nslahase | Nslahase | Nslahase | Nslahase | Nslahase | Nslahase | Nslahase |
| Digvijay | Bhonsle | Bhonsle | Bhonsle | Bhonsle | Bhonsle | Bhonsle | Bhonsle | Bhonsle | Bhonsle | Bhonsle | Bhonsle | Bhonsle |
| Gaurav | Ghatol | Ghatol | Ghatol | Ghatol | Ghatol | Ghatol | Ghatol | Ghatol | Ghatol | Ghatol | Ghatol | Ghatol |
| Gourav | Singh | Gouravsingh | Gouravsingh | Gouravsingh | Gouravsingh | Gouravsingh | Gouravsingh | Gouravsingh | Gouravsingh | Gouravsingh | Gouravsingh | Gouravsingh |
| Himanshu | Kharate | Hkharate | Hkharate | Hkharate | Hkharate | Hkharate | Hkharate | Hkharate | Hkharate | Hkharate | Hkharate | Hkharate |
| Jay | Joshi | | | | | | | | | | | |
| Krushna | Kulthe | Kulthe | Kulthe | Kulthe | Kulthe | Kulthe | Kulthe | Kulthe | Kulthe | Kulthe | Kulthe | Kulthe |
| Mangesh | Lavate | | | | | | | | | | | |
| Mukund | Atram | MAtram | MAtram | MAtram | MAtram | MAtram | MAtram | MAtram | MAtram | MAtram | MAtram | MAtram |
| Nishant | Bayskar | | | | | | | | | | | |
| Om | Kadu | Okad | Okad | Okad | Okad | Okad | Okad | Okad | Okad | Okad | Okad | Okad |
| Om | Sahastrabuddhe | O.Sahastrabuddhe | O.Sahastrabuddhe | O.Sahastrabuddhe | O.Sahastrabuddhe | O.Sahastrabuddhe | O.Sahastrabuddhe | O.Sahastrabuddhe | O.Sahastrabuddhe | O.Sahastrabuddhe | O.Sahastrabuddhe | O.Sahastrabuddhe |

| Name of Student | | 15-11-22 | 16-11-22 | 17-11-22 | 18-11-22 | 19-11-22 | 21-11-22 | 22-11-22 | 23-11-22 | 24-11-22 | 25-11-22 | 26-11-22 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Parth | Uplenchwar | Parth | Parth | Parth | Parth | Parth | Parth | Parth | Parth | Parth | Parth | Parth |
| Piyush | Agroya | Atmaya | Atmaya | Atmaya | Atmaya | Atmaya | Atmaya | Atmaya | Atmaya | Atmaya | Atmaya | Atmaya |
| Prajwal | Kathole | Pekathole | Pekathole | Pekathole | Pekathole | Pekathole | Pekathole | Pekathole | Pekathole | Pekathole | Pekathole | Pekathole |
| Pratik | Patil | P. Patil | P. Patil | P. Patil | P. Patil | P. Patil | P. Patil | P. Patil | P. Patil | P. Patil | P. Patil | P. Patil |
| Prem | Wankhade | P.J. Wankhade | P.J. Wankhade | P.J. Wankhade | P.J. Wankhade | P.J. Wankhade | P.J. Wankhade | P.J. Wankhade | P.J. Wankhade | P.J. Wankhade | P.J. Wankhade | P.J. Wankhade |
| Sachin | Nerkar | S. Nerkar | S. Nerkar | S. Nerkar | S. Nerkar | S. Nerkar | S. Nerkar | S. Nerkar | S. Nerkar | S. Nerkar | S. Nerkar | S. Nerkar |
| Sagar | Palhade | Sag | Sag | Sag | Sag | Sag | Sag | Sag | Sag | Sag | Sag | Sag |
| Sarthak | Deshmukh | S.Deshmukh | S.Deshmukh | S.Deshmukh | S.Deshmukh | S.Deshmukh | S.Deshmukh | S.Deshmukh | S.Deshmukh | S.Deshmukh | S.Deshmukh | S.Deshmukh |
| Shantanu | Dongare | | | | | | | | | | | |
| Shivam | Gahale | Ghale | Ghale | Ghale | Ghale | Ghale | Ghale | Ghale | Ghale | Ghale | Ghale | Ghale |
| Shreyas | Kokate | Kokate | Kokate | Kokate | Kokate | Kokate | Kokate | Kokate | Kokate | Kokate | Kokate | Kokate |
| Shreyash | Tote | Stote | Stote | Stote | Stote | Stote | Stote | Stote | Stote | Stote | Stote | Stote |
| Shreyash | Damodar | S&D | S&D | S&D | S&D | S&D | S&D | S&D | S&D | S&D | S&D | S&D |
| Shubham | Jadhao | S.Jadhao | S.Jadhao | S.Jadhao | S.Jadhao | S.Jadhao | S.Jadhao | S.Jadhao | S.Jadhao | S.Jadhao | S.Jadhao | S.Jadhao |
| Subodh | Munghate | Subodh | Subodh | Subodh | Subodh | Subodh | Subodh | Subodh | Subodh | Subodh | Subodh | Subodh |
| Sujal | Ghodeswar | Sujal.G | Sujal.G | Sujal.G | Sujal.G | Sujal.G | Sujal.G | Sujal.G | Sujal.G | Sujal.G | Sujal.G | Sujal.G |
| Sushant | Fokmare | Sushfokmare | Sushfokmare | Sushfokmare | Sushfokmare | Sushfokmare | Sushfokmare | Sushfokmare | Sushfokmare | Sushfokmare | Sushfokmare | Sushfokmare |
| Vedant | Dhepe | Dhepe | Dhepe | Dhepe | Dhepe | Dhepe | Dhepe | Dhepe | Dhepe | Dhepe | Dhepe | Dhepe |
| Vishal | Kotru | Vishalkotru | Vishalkotru | Vishalkotru | Vishalkotru | Vishalkotru | Vishalkotru | Vishalkotru | Vishalkotru | Vishalkotru | Vishalkotru | Vishalkotru |

Prof. S.R. Patil

Head
Dept.of Applied Sciences & Humanities
SSGMCE, Shegaon-444203

## SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING,SHEGAON

Student Orientation and Induction Program Attendance

Session : 2022-23, Class : 1N,

| | Student Name | | 15-11-2022 | 16-11-2022 | 17-11-2022 | 18-11-2022 | 19-11-2022 | 21-11-2022 | 22-11-2022 | 23-11-2022 | 24-11-2022 | 25-11-2022 | 26-11-2022 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Ku. Akanksha | Kale | | | | | | | | | | | |
| | Ku. Akanksha | Gurav | | | | | | | | | | | |
| | Ku. Apurva | Kulkarni | | | | | | | | | | | |
| | Ku. Aarti | Patil | | | | | | | | | | | |
| | Ku. Bhagyashri | Patil | | | | | | | | | | | |
| | Ku. Darshana | Pagrut | | | | — | | — | | | | — | |
| | Ku. Divya | Dharme | | | | | | | | | | | |
| | Ku. Divya | Manekar | | | | | | | | | | | |
| | Ku. Garima | Agrawal | | | | | | | | | | | |
| | Ku. Gayatri | Balode | | | | | | | | | | | |
| | Ku. Janvi | Wakde | | | | | | | | | | | |
| | Ku. Kalyani | Mandavgade | | | | | | | | | | | |
| | Ku. Kalyani | Gadekar | | | | | | | | | | | |
| | Ku. Kiran | Kharode | | | | | | | | | | | |
| | Ku. Kirti | Dhumane | | | | | | | | | | | |
| | Ku. Mayuri | Pathade | | | | | | | | | | | |
| | Ku. Nidhi | Agrawal | | | | | | | | | | | |
| | Ku. Payal | More | | | | | | | | | | | |
| | Ku. Priya | Kondane | | | | | | | | | | | |
| | Ku. Rutuja | Bansod | | | | | | | | | | | |
| | Ku. Rutuja | Sawai | | | | | | | | | | | |
| | Ku. Sakshi | Wagh | | | | | | | | | — | — | |
| | Ku. Samiksha | Kulkarni | | | | | | | | | | | |

| Student Name | | 15-11-22 | 16-11-22 | 17-11-22 | 18-11-22 | 19-11-22 | 21-11-22 | 22-11-22 | 23-11-22 | 29-11-22 | 25-11-22 | 26-11-22 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ku. Samruddhi | Tathe | Present | Present | Present | Present | Present | Present | Present | Present | Present | Present | Present |
| Ku. Sanika | Bodkhe | P | P | P | P | P | P | P | P | P | P | P |
| Ku. Sarah | Ataurrahman | | | | | | | | | | | |
| Ku. Sejal | Kagdelwar | | | | | | | | | | | |
| Ku. Shatakshi | Kolhe | Present | Present | Present | Present | Present | Present | Present | Present | Present | Present | Present |
| Ku. Shravani | Gulhane | | | | | | | | | | | |
| Ku. Shreya | Ugemuge | | | | | | | | | | | |
| Ku. Suhani | Raut | | | | | | | | | | | |
| Ku. Vaishnavi | Gayakwad | | | | | | | | | | | |
| Ku. Vaishnavi | Ugale | | | | | | | | | | | |
| Ku. Vaishnvi | Thakur | | | | | | | | | | | |
| Ku. Vasundhara | Deshmukh | | | | | | | | | | | |
| Aditya | Rawal | | | | | | | | | | | |
| Aditya | Godmale | | | | | | | | | | | |
| Anup | Sawai | | | | | | | | | | | |
| Apurv | Gore | | | | | | | | | | | |
| Devesh | Pawar | | | | | | | | | | | |
| Dewang | Bhonde | | | | | | | | | | | |
| Dhruv | Gadewar | | | | | | | | | | | |
| Gaurav | Chavan | | | | | | | | | | | |
| Girish | Sonune | | | | | | | | | | | |
| Harshal | Chinchole | | | | | | | | | | | |
| Harshal | Chirde | | | | | | | | | | | |
| Kushal | Koradia | | | | | | | | | | | |
| Kushal | Lambhate | | | | | | | | | | | |
| Mukund | Deshmukh | | | | | | | | | | | |
| Parth | Rathod | | | | | | | | | | | |
| Piyush | Bhujbal | | | | | | | | | | | |

| | Student Name | | 15-11-22 | 16-11-22 | 17-11-22 | 18-11-22 | 19-11-22 | 21-11-22 | 22-11-22 | 23-11-22 | 24-11-22 | 25-11-22 | 26-11-22 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Prajwal | Kunte | | | | | | | | | | | |
| | Pranay | Rapartiwar | | | | | | | | | | | |
| | Pratik | Wankhade | | | | | | | | | | | |
| | Pratik | Birpan | | | | | | | | | | | |
| | Prem | Suryawanshi | | | | | | | | | | | |
| | Ram | Ingle | Ram | Ram | Ram | Ram | Ram | Ram | Ram | Ram | Ram | Ram | Ram |
| | Ranjit | Dhakare | | | | | | | | | | | |
| | Sanket | Agade | | | | | | | | | | | |
| | Shailesh | Sharma | | | | | | | | | | | |
| | Shreyas | Mundhe | | | | | | | | | | | |
| | Shrikant | Kalaskar | | | | | | | | | | | |
| | Soham | Joshi | | | | | | | | | | | |
| | Tejas | Suradkar | | | | | | | | | | | |
| | Vaibhav | Ghiye | | | | | | | | | | | |
| | Vaibhav | Wadekar | | | | | | | | | | | |
| | Vedant | Nagpure | | | | | | | | | | | |
| | Vikas | Gawade | | | | | | | | | | | |
| | Milind | Wankhade | mil | mil | mil | mil | mil | mil | mil | mil | mil | mil | mil |

Prof. S. Rathi

**Head**
Dept.of Applied Sciences & Humanities
SSGMCE, Shegaon-444203

## SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING,SHEGAON

Student Orientation and Induction Attendance

**Session : 2022-23, Class : 1U1,**

| Student Name | | 15-11-2022 | 16-11-2022 | 17-11-2022 | 18-11-2022 | 19-11-2022 | 21-11-2022 | 22-11-2022 | 23-11-2022 | 24-11-2022 | 25-11-2022 | 26-11-2022 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ku. Aditi | Pote | Pote | Pote | Pote | — | Pote | Pote | Pote | Pote | — | Pote | Pote |
| Ku. Asha | Jangid | A.Jangid | A.Jangid | — | — | A.Jangid | A.Jangid | — | A.Jangid | A.Jangid | A.Jangid | — |
| Ku. Bhakti | Deshmukh | Bhakti | Bhakti | Bhakti | Bhakti | Bhakti | | Bhakti | Bhakti | Bhakti | | Bhakti |
| Ku. Gargee | Shekokar | Shekokar | Shekokar | Shekokar | Shekokar | Shekokar | Shekokar | Shekokar | Shekokar | Shekokar | Shekokar | Shekokar |
| Ku. Gargi | Bawner | GB | GB | — | GB | GB | GB | — | GB | — | GB | GB |
| Ku. Gauri | Malekar | G.S.Malekar | G.S.Malekar | G.S.Malekar | G.S.Malekar | G.S.Malekar | G.S.Malekar | G.S.Malekar | G.S.Malekar | — | G.S.Malekar | G.S.Malekar |
| Ku. Kanchan | Khond | K.kond | K.kond | K.kond | K.kond | K.kond | K.kond | — | K.kond | K.kond | K.kond | K.kond |
| Ku. Mrunal | Shejul | MSejul | | | | MSejul | MSejul | MSejul | MSejul | | | MSejul |
| Ku. Neha | Joshi | N.P.Joshi | N.P.Joshi | N.P.Joshi | N.P.Joshi | N.P.Joshi | N.P.Joshi | N.P.Joshi | N.P.Joshi | N.P.Joshi | N.P.Joshi | N.P.Joshi |
| Ku. Nirjala | Dhore | NDhore | NDhore | — | N.Dhore | NDhore | NDhore | NDhore | NDhore | — | NDhore | NDhore |
| Ku. Prajakta | Ingle | PIngle | PIngle | PIngle | PIngle | | PIngle | — | PIngle | PIngle | PIngle | PIngle |
| Ku. Pratikasha | Nachane | Rachane | Rachane | Rachane | Rachane | Rachane | — | Rachane | Rachane | Rachane | Rachane | Rachane |
| Ku. Prerana | Naphade | Prerana | Prerana | Prerana | Prerana | Prerana | Prerana | Prerana | Prerana | Prerana | Prerana | Prerana |
| Ku. Rasika | Kulkarni | RPK | RPK | RPK | RPK | RPK | RPK | RPK | RPK | RPK | RPK | RPK |
| Ku. Renuka | Gorve | RG | RG | RG | RG | RG | — | RG | RG | RG | RG | RG |
| Ku. Rutuja | Dalal | RDalal | RDalal | RDalal | R.Dalal | RDalal | RDalal | RDalal | R.Dalal | RDalal | R.Dalal | R.Dalal |
| Ku. Sakshi | Dadgal | SDadgal | SDadgal | SDadgal | SDadgal | SDadgal | SDadgal | — | — | — | SDadgal | SDadgal |
| Ku. Sakshi | Vaitkar | SNVaitkar | SNVaitkar | SNVaitkar | SNVaitkar | SNVaitkar | SNVaitkar | SNVaitkar | SNVaitkar | SNVaitkar | SNVaitkar | SNVaitkar |
| Ku. Sakshi | Dhole | Kusakshi | Kusakshi | Kusakshi | Kusakshi | Kusakshi | Kusakshi | Kusakshi | Kusakshi | Kusakshi | Kusakshi | Kusakshi |
| Ku. Sakshi | Bhojane | SB | SB | — | SB | SB | SB | SB | SB | — | SB | — |
| Ku. Samiksha | Daberao | Daberao | Daberao | Daberao | Daberao | Daberao | Daberao | | — | Daberao | | — |
| Ku. Sanika | Sakle | — | — | — | — | — | — | S.Sakle | S.Sakle | S.Sakle | S.Sakle | S.Sakle |
| Ku. Saniya | Mulay | | | | | | | | | | | |

| Student Name | | 15-11-22 | 16-11-22 | 17-11-22 | 18-11-22 | 19-11-22 | 21-11-22 | 22-11-22 | 23-11-22 | 24-11-22 | 25-11-22 | 26-11-22 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ku. Shivganga | Dugane | Sdugane | Sdugane | Sdugane | Sdugane | Sdugane | Sdugane | Sdugane | Sdugane | Sdugane | Sdugane | Sdugane |
| Ku. Shraddha | Kaple | Skaple | Skaple | Skaple | Skaple | Skaple | Skaple | — | Skaple | Skaple | Skaple | Skaple |
| Ku. Shreya | Tayde | S.Tayde | S.Tayde | S.Tayde | — | | S.Tayade | S.Tayade | S.Tayade | S.Tayde | S.Tayde | S.Tayade |
| Ku. Siddhi | Borkar | SBOR | SBOR | SBOR | SBOR | SBOR | SBOR | SBOR | SBOR | SBOR | SBOR | SBOR |
| Ku. Sneha | Mahale | Mahale | Mahale | Mahale | Mahale | Mahale | Mahale | Mahale | Mahale | Mahale | Mahale | — |
| Ku. Srushti | Gadakh | SG | SG | SG | SG | SG | SG | SG | SG | SG | — | SG |
| Ku. Tanushree | Mahalle | Mahalle | Mahalle | Mahalle | Mahalle | Mahalle | Mahalle | Mahalle | Mahalle | Mahalle | Mahalle | Mahalle |
| Ku. Tejal | Bahirde | Bahirde | Bahirde | Bahirde | Bahirde | Bahirde | Bahirde | Bahirde | Bahirde | Bahirde | Bahirde | Bahirde |
| Ku. Vaishnavi | Unhale | V. unhale | V. unhale | V. unhale | V. unhale | V. unhale | V. Unhale | V. unhale | V. unhale | V. unhale | V. unhale | V. unhale |
| Abhijeet | Lande | Alande | Alande | Alande | Alande | Alande | Alande | Alande | Alande | Alande | Alande | Alande |
| Advait | Awaghade | Advait | Advait | Advait | Advait | Advait | Advait | Advait | Advait | Advait | Advait | Advait |
| Akshay | Pawar | Pawar | Pawar | Pawar | Pawar | Pawar | Pawar | Pawar | Pawar | Pawar | Pawar | Pawar |
| Aman | Kohale | Akohale | Akohale | Akohale | Akohale | Akohale | Akohale | Akohale | Akohale | Akohale | Akohale | Akohale |
| Aniket | Shahare | Asan | Asan | Asan | Asan | Asan | Asahare | Asahare | Asan | Asan | Asan | Asan |
| Anurag | Fulmali | Afulmali | Afulmali | Afulmali | Afulmali | Afulmali | Afulmali | Afulmali | Afulmali | Afulmali | Afulmali | Afulmali |
| Atharva | Nimishe | Athm | Athm | Athm | Athm | Athm | Athm | Athm | Athm | Athm | Athm | Athm |
| Atharva | Rathod | AR | — | AR | AR | — | AR | — | AR | AR | AR | AR |
| Ayush | Hirwe | Ayh | Ayh | Ayh | Ayh | Ayh | Ayh | Ayh | Ayh | Ayh | Ayh | Ayh |
| Chandan | Karnani | Karn | Karn | Karn | Karn | Karn | Karn | Karn | Karn | Karn | Karn | Karn |
| Chetan | Khanderao | CK | — | CK | CK | CK | CK | CK | CK | CK | CK | CK |
| Gopal | Kela | GK | GK | GK | GK | | GK | GK | GK | GK | GK | GK |
| Harshal | Pal | HPal | HPal | HPal | HPal | HPal | HPal | HPal | HPal | HPal | HPal | HPal |
| Kartik | Yeul | Kartik | Kartik | Kartik | Kartik | Kartik | Kartik | Kartik | Kartik | Kartik | Kartik | Kartik |
| Krushna | Waghmare | KW | — | KW | KW | KW | KW | KW | KW | KW | KW | KW |
| Krushnagopal | Agnihotri | KA | KA | KA | | KA | | KA | KA | KA | KA | KA |
| Manas | Pohnerkar | Manas | Manas | Manas | Manas | Manas | Manas | Manas | Manas | Manas | Manas | Manas |
| Om | Deshmukh | Deshmukh | Deshmukh | Deshmukh | Deshmukh | Deshmukh | Deshmukh | Deshmukh | Deshmukh | Deshmukh | Deshmukh | Deshmukh |
| Pankaj | Ubarhande | PU | PU | PU | PU | PU | PU | | PU | PU | PU | PU |
| Prajwal | Amle | PA | PA | PA | — | PA | PA | PA | PA | | PA | PA |

| Student Name | | 15-11-22 | 16-11-22 | 17-11-22 | 18-11-22 | 19-11-22 | 21-11-22 | 22-11-22 | 23-11-22 | 24-11-22 | 25-11-22 | 26-11-22 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pranav | Kawitkar | Pawitkar | Pawitkar | Pawitkar | Pawitkar | Pawitkar | Pawitkar | Pawitkar | Pawitkar | Pawitkar | Pawitkar | Pawitkar |
| Prashant | Palhade | Palhade | Palhade | Palhade | Palhade | Palhade | Palhade | Palhade | Palhade | Palhade | Palhade | Palhade |
| Pratik | Patil | Patil | Patil | Patil | Patil | Patil | Patil | Patil | Patil | Patil | Patil | Patil |
| Prem | Baraskar | Prem | Prem | Prem | Prem | Prem | Prem | Prem | Prem | Prem | Prem | Prem |
| Raman | Pachkhede | RP | | RP | RP | | RP | RP | RP | RP | RP | RP |
| Rushi | Sharma | RS | RS | RS | RS | RS | RS | RS | RS | RS | RS | RS |
| Sahil | Khandare | SK | | SK | SK | SK | | SK | SK | SK | SK | SK |
| Sanket | Rathod | | | | | | | | | | | |
| Shaikh | Aziz | | | | | | | | | | | |
| Shivcharn | Bodkhe | | | | | | | | | | | |
| Shubham | Suradkar | SB | SB | SB | SB | SB | SB | SB | SB | SB | SB | SB |
| Soham | Nawkar | SNaw | SNaw | SNaw | SNaw | SNaw | SNaw | SNaw | SNaw | SNaw | SNaw | SNaw |
| Trushabh | Hande | Thande | Thande | Thande | Thande | Thande | Thande | Thande | Thande | Thande | Thande | Thande |
| Vedant | Pawar | Pawar | Pawar | Pawar | Pawar | Pawar | Pawar | Pawar | Pawar | Pawar | Pawar | Pawar |
| Vedant | Dongre | VDongre | VDongre | VDongre | VDongre | VDongre | VDongre | VDongre | VDongre | VDongre | VDongre | VDongre |
| Vedant | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh |
| Yash | Raut | YRaut | YRaut | YRaut | YRaut | YRaut | YRaut | YRaut | YRaut | YRaut | YRaut | YRaut |

Patil

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Dept.of Applied Sciences & Humanities
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## SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING,SHEGAON

Student Orientation and Induction Program Attendance

Session : 2022-23, Class : 1U2,

| Student Name | | 15-11-2022 | 16-11-2022 | 17-11-2022 | 18-11-2022 | 19-11-2022 | 21-11-2022 | 22-11-2022 | 23-11-2022 | 24-11-2022 | 25-11-2022 | 26-11-2022 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ku. Arpita | Mahale | Amahale | Amahale | Amahale | Amahale | Amahale | Amahale | Amahale | Amahale | Amahale | Amahale | Amahale |
| Ku. Bhagyashri | Harne | B. Harne | B Herne | B Herne | B. Harn | B Harn | B Herne | B Harn | B. Harn | B Harn | B. Harn | B Harn |
| Ku. Dhanashri | Borde | DBorde | DBorde | DBorde | DBorde | DBorde | D. Borde | DBorde | D Borde | D Borde | DBorde | D Bord |
| Ku. Gargi | Banarase | Gargi | Gargi | Gargi | Gargi | Gargi | Gargi | — | Gargi | Gargi | Gargi | Gargi |
| Ku. Gauri | Mankar | Gmanker | Gmanke | Gmanka | Gmank | — | Gmanke | Gmanker | Gmanke | Gmanka | Gmank | Gmanker |
| Ku. Janhvi | Kokwar | JK | JK | JK | JK | JK | JK | JK | JK | JK | JK | JK. |
| Ku. Mansi | Paraskar | MPark | MPark | MPark | MPar | MPark | MPark | MPark | MPark | MPar | — | MPar |
| Ku. Neha | Mhaske | Neha | Neha | Neha | Neha | | Neha | Neha | Neha | Neha | — | Neha |
| Ku. Neha | Bhut | | | | | | | | | | | |
| Ku. Omika | Chaudhary | Chaudhar | Chaudh | Chaudh | Chaudh | Chaudh | Chaudh | Chaudh | Chaudh | Chaudh | Chaudh | Chaudh |
| Ku. Pranjali | Damdhar | Pdamdh | Pdamdh | Pdamdh | Pdamdh | Pdamdh | Pdamdh | Pdamdh | Pdamdh | Pdamdh | Pdamdh | Pdamdh |
| Ku. Pratiksha | Dushetwar | prathisha | prathisha | prathisha | prathisha | prathisha | prathisha | prathisha | prathisha | prathisha | prathisha | prathisha |
| Ku. Radhika | Thakare | R | R | R | R | R | R | R | R | R | R | R |
| Ku. Renu | Bagdiya | R. | R. | R. | R. | R. | R. | R. | R. | R. | R. | R. |
| Ku. Rutuja | Balsaraf | Rbalsaf | Rbalsaf | Rbalsaf | Rbalsaf | Rbalsaf | Rbalsaf | Rbalsaf | Rbalsaf | Rbalsaf | Rbalsaf | Rbalsaf |
| Ku. Rutuja | Gadam | RGadam | RGadam | RGadam | RGadam | RGadam | RGadam | RGadam | RGadam | RGadam | RGadam | RGadam |
| Ku. Sakshi | Kalamb | Skalamb | Skalamb | Skalamb | Skalamb | Skalamb | Skalamb | Skalamb | Skalamb | Skalamb | Skalamb | Skalamb |
| Ku. Sakshi | Dadgal | SDadgal | SDadgal | SDadgal | SDadgal | SDadgal | SDadgal | SDadgal | SDadgal | SDadgal | SDadgal | SDadgal |
| Ku. Sakshi | Satao | S.S. Satao | S.S. Satao | S.S. Satao | S.S. Satao | S.S. Satao | S.S. Satao | S.S. Satao | S.S. Satao | S.S. Satao | S.S. Satao | S.S. Satao |
| Ku. Saloni | Magar | Smagar | Smagar | Smagar | Smagar | Smagar | Smagar | Smagar | Smagar | Smagar | Smagar | Smagar |
| Ku. Samruddhi | Bhakare | SBhak | SBhak | SBhak | SBhak | SBhak | SBhak | SBhak | SBhak | SBhak | SBhak | SBhak |
| Ku. Saniya | Sagane | SSagane | SSagane | SSagane | SSagane | SSagane | SSagane | SSagane | SSagane | SSagane | SSagane | SSagane |
| Ku. Shivani | Thorat | Shwant | Shwant | Shwant | Shwant | Shwant | Shwant | Shwant | Shwant | Shwant | Shwant | Shwant |

| Student Name | | 15-11-22 | 16-11-22 | 17-11-22 | 18-11-22 | 19-11-22 | 21-11-22 | 22-11-22 | 23-11-22 | 24-11-22 | 25-11-22 | 26-11-22 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ku. Shraddha | Gupta | Sgupta | Sgupta | Sgupta | Sgupta | Sgupta | Sgupta | Sgupta | Sgupta | Sgupta | Sgupta | Sgupta |
| Ku. Shreya | Tayade | | | | | | | | | | | |
| Ku. Shweteshwari | Solanke | | | | | | | | | | | |
| Ku. Srushti | Dabhade | | | | | | | | | | | |
| Ku. Srutika | Vir | Shir | Shir | Shir | Shir | Shir | Shir | Shir | Shir | Shir | Shir | Shir |
| Ku. Tapassu | Bagde | T.B | T.B | T.B | T.B | T.B | T.B | T.B | T.B | T.B | T.B | T.B |
| Ku. Vaishnavi | Deshmukh | | | | | | | | | | | |
| Ku. Vidhi | Bhade | Vidhi | Vidhi | Vidhi | Vidhi | Vidhi | Vidhi | Vidhi | Vidhi | Vidhi | Vidhi | Vidhi |
| Aditya | Awchar | | | | | | | | | | | |
| Akshay | Pahurkar | Apahur | Apahur | Apahur | Apahur | Apahur | Apahur | Apahur | Apahur | Apahur | Apahur | Apahur |
| Aman | Kodwani | | | | | | | | | | | |
| Amey | Joshi | Joshi | Joshi | Joshi | Joshi | Joshi | Joshi | Joshi | Joshi | Joshi | Joshi | Joshi |
| Aniket | Ingle | A | A | A | A | A | A | A | A | A | A | A |
| Atharva | Raut | | | | | | | | | | | |
| Atharva | Wankhade | Atharwal | Atharwal | Atharwal | Athar | Atharwal | Atharwal | Atharwal | Atharwal | Atharwal | Atharwa | Atharwa |
| Ayush | Thute | AThte | AThte | AThte | AThte | AThte | AThte | AThte | AThte | AThte | AThte | AThte |
| Ayush | Ardak | | | | | | | | | | | |
| Chetan | Tidake | Chetan | Chetan | Chetan | Chetan | Chetan | Chetan | Chetan | Chetan | Chetan | Chetan | Chetan |
| Devanshu | Mankar | Dmank | Dmank | Dmank | Dmank | Dmank | Dmank | Dmank | Dmank | Dmank | Dmank | Dmank |
| Hariom | Pundkar | | | | | | | | | | | |
| Hrishikesh | Kakade | HK | HK | HK | HK | HK | HK | HK | HK | HK | HK | HK |
| Kartik | Rane | | | | | | | | | | | |
| Krushna | Agrawal | Kagrawal | Kagrawal | Kagrawal | Kagra | Kagrawal | Kagrawal | Kagrawal | Kagrawal | Kagrawal | Kagrawal | Kagrawal |
| Laxman | Gadhe | Laxman | Laxman | Laxman | Laxma | Laxman | Laxman | Laxma | Laxman | Laxman | Laxman | Laxman |
| Nikhil | Junare | | | | | | | | | | | |
| Om | Raut | Omraut | Omraut | Omraut | Omraut | Omraut | Omraut | Omraut | Omraut | Omraut | Omraut | Omraut |
| Prajwal | Sangle | | | | | | | | | | | |
| Pranav | Kumbhare | pranK | pranK | pranK | pranK | pranK | pranK | pranK | pranK | pranK | pranK | pranK |
| Prasad | Borkar | Borkar | Borkar | Borkar | Borka | Borkar | Borkar | Borkar | Borkar | Borkar | Borkar | Borkar |
| Prathmesh | Patade | PPatade | PPatade | PPatade | PPatade | PPatade | PPatade | PPatade | PPatade | PPatade | PPatade | PPatade |

| Name of Student | | 15-11-22 | 16-11-22 | 17-11-22 | 18-11-22 | 19-11-22 | 21-11-22 | 22-11-22 | 23-11-22 | 24-11-22 | 25-11-22 | 26-11-22 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pratik | Tayde | Pratik | Pratik | pratik | pratik | pratik | Pratik | pratik | Pratik | Pratik | Pratik | Pratik |
| Prsheel | Singh | | | | | | | | | | | |
| Rohan | Raut | Rohan | Rohan | Rohan | Rohan | Rohan | Rohan | Rohan | Rohan | Rohan | Rohan | Rohan |
| Sachin | Khandare | | | | | | | | | | | |
| Sanket | Nage | | | | | | | | | | | |
| Saurabh | Gaikwad | | | | | | | | | | | |
| Shivam | Bhambere | Shivam | Shivam | Shivam | Shivam | Shivam | Shivam | Shivam | Shivam | Shivam | Shivam | Shivam |
| Shripad | Ingle | | | | | | | | | | | |
| Soham | Bhole | | | | | | | | | | | |
| Subodh | Chide | | | | | | | | | | | |
| Vedanshu | Bhole | | | | | | | | | | | |
| Vedant | Mahalle | | | | | | | | | | | |
| Vedant | Wadode | | | | | | | | | | | |
| Vishal | Sabe | | | | | | | | | | | |
| Yash | Dubey | | | | | | | | | | | |

Head
Dept.of Applied Sciences & Humanities
SSGMCE, Shegaon-444203

## SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING,SHEGAON

Student Orientation and Induction Program Attendance

**Session : 2022-23, Class : 1 Mechanical**

| Student Name | | 15-11-2022 | 16-11-2022 | 17-11-2022 | 18-11-2022 | 19-11-2022 | 21-11-2022 | 22-11-2022 | 23-11-2022 | 24-11-2022 | 25-11-2022 | 26-11-2022 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ku. Anushka | Unhale | | | | | | | | | | | |
| Ku. Ashwini | Harsule | | | | | | | | | | | |
| Ku. Divya | Chandle | | | | | | | | | | | |
| Ku. Gayatri | Bhore | | | | | | | | | | | |
| Ku. Kshitija | Deshmukh | | | | | | | | | | | |
| Ku. Neha | Mesare | | | | | | | | | | | |
| Ku. Prachi | Gawali | | | | | | | | | | | |
| Ku. Pragati | Sonone | | | | | | | | | | | |
| Ku. Sakshi | Bhosle | | | | | | | | | | | |
| Ku. Samiksha | Chendalane | | | | | | | | | | | |
| Ku. Samiksha | Dhoke | | | | | | | | | | | |
| Ku. Sanika | Deshmukh | | | | | | | | | | | |
| Ku. Sejal | Pahurkar | | | | | | | | | | | |
| Ku. Sharvari | Deshmukh | | | | | | | | | | | |
| Ku. Shravani | Joshi | | | | | | | | | | | |
| Ku. Shweta | Nalkande | | | | | | | | | | | |
| Ku. Sneha | Gite | | | | | | | | | | | |
| Ku. Sonal | Dongre | | | | | | | | | | | |
| Ku. Sonu | Rekhate | | | | | | | | | | | |
| Ku. Tanushree | Nemade | | | | | | | | | | | |
| Ku. Tejshvini | Sangole | | | | | | | | | | | |
| Ku. Unnati | Deshmukh | | | | | | | | | | | |
| Ku. Vaishnavi | Deshmukh | | | | | | | | | | | |

| | Student Name | | 15-11-22 | 16-11-22 | 17-11-22 | 18-11-22 | 19-11-22 | 21-11-22 | 22-11-22 | 23-11-22 | 24-11-22 | 25-11-22 | 26-11-22 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Ku. Vaishnavi | Umak | Umak | Umak | Umak | Umak | Umak | Umak | Umak | Umak | Umak | Umak | Umak |
| | Ku. Vaishnvi | Mirge | Mirge | Mirge | Mirge | Mirge | Mirge | Mirge | Mirge | Mirge | Mirge | Mirge | Mirge |
| | Abhijeet | Nanotkar | | | | | | | | | | | |
| | Abhishek | Khodre | Abhi | Abhi | Abhi | Abhi | Abhi | Abhi | Abhi | Abhi | Abhi | Abhi | Abhi |
| | Abhishek | Nimbalkar | | | | | | | | | | | |
| | Abhishek | Shelke | ABS | ABS | ABS | ABS | ABS | ABS | ABS | ABS | ABS | ABS | ABS |
| | Adinath | Gogate | Adinat | Adinat | Adinat | Adinat | Adinat | Adinat | Adinat | Adinat | Adinat | Adinat | Adinat |
| | Adinath | Udgirikar | Adinat | Adinat | Adinat | Adinat | Adinat | Adinat | Adinat | Adinat | Adinat | Adinat | Adinat |
| | Akash | Suralkar | A.G.Suralkar | A.G.Suralkar | A.G.Suralkar | A.G.Suralkar | A.G.Suralkar | A.G.Suralkar | A.G.Suralkar | A.G.Suralkar | A.G.Suralkar | A.G.Suralkar | A.G.Suralkar |
| | Aman | Ramagade | Ramagade | Ramagade | Ramagade | Ramagade | Ramagade | Ramagade | Ramagade | Ramagade | Ramagade | Ramagade | Ramagade |
| | Amit | Wankhade | Wankhade | Wankhade | Wankhade | Wankhade | Wankhade | Wankhade | Wankhade | Wankhade | Wankhade | Wankhade | Wankhade |
| | Anandrao | Damodar | ADD | ADD | ADD | ADD | ADD | ADD | ADD | ADD | ADD | ADD | ADD |
| | Atharv | Nage | ANage | ANage | ANage | ANage | ANage | ANage | ANage | ANage | ANage | ANage | ANage |
| | Atharva | Joshi | Joshi | Joshi | Joshi | Joshi | Joshi | Joshi | Joshi | Joshi | Joshi | Joshi | Joshi |
| | Devashish | Sadavarte | | | | | | | | | | | |
| | Devendra | Sawdekar | | | | | | | | | | | |
| | Gopal | Kolkar | Gopal | Gopal | Gopal | Gopal | Gopal | Gopal | Gopal | Gopal | Gopal | Gopal | Gopal |
| | Gunjan | Dhage | | | | | | | | | | | |
| | Harshal | Malik | Hmalik | Hmalik | Hmalik | Hmalik | Hmalik | Hmalik | Hmalik | Hmalik | Hmalik | Hmalik | Hmalik |
| | Hrutik | Kushwaha | H.S.Kushwaha | H.S.Kushwaha | H.S.Kushwaha | H.S.Kushwaha | H.S.Kushwaha | H.S.Kushwaha | H.S.Kushwaha | H.S.Kushwaha | H.S.Kushwaha | H.S.Kushwaha | H.S.Kushwaha |
| | Om | Dhage | Omdhage | Omdhage | Omdhage | Omdhage | Omdhage | Omdhage | Omdhage | Omdhage | Omdhage | Omdhage | Omdhage |
| | Prashant | Dhamode | Chandra | Chandra | Chandra | Chandra | Chandra | Chandra | Chandra | Chandra | Chandra | Chandra | Chandra |
| | Pratik | Kalskar | | | | | | | | | | | |
| | Rohit | Dautpure | | | | | | | | | | | |
| | Roshan | Sonone | | | | | | | | | | | |
| | Samarth | Paraskar | Paraskar | Paraskar | Paraskar | Paraskar | Paraskar | Paraskar | Paraskar | Paraskar | Paraskar | Paraskar | Paraskar |
| | Shivam | Mehenge | | | | | | | | | | | |
| | Shivshankar | Jadhav | Jadhav | Jadhav | Jadhav | Jadhav | Jadhav | Jadhav | Jadhav | Jadhav | Jadhav | Jadhav | Jadhav |
| | Soham | Pethe | SPethe | SPethe | SPethe | SPethe | SPethe | SPethe | SPethe | SPethe | SPethe | SPethe | SPethe |
| | Suyash | Pimple | | | | | | | | | | | |

| | Student Name | | 15-11-22 | 16-11-22 | 17-11-22 | 18-11-22 | 19-11-22 | 20-11-22 | 22-11-22 | 23-11-22 | 24-11-22 | 25-11-22 | 26-11-22 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Swayamchandra | Khadse | | | | | | | | | | | |
| | Vansh | Hedau | | | | | | | | | | | |
| | Vedant | Mate | | | | | | | | | | | |
| | Vijay | Sonune | | | | | | | | | | | |
| | Vikarm | Patil | | | | | | | | | | | |
| | Vinayak | Warade | | | | | | | | | | | |
| | Vishal | Sarkate | | | | | | | | | | | |
| | Vivek | Sawant | | | | | | | | | | | |
| | Yash | Tayade | | | | | | | | | | | |

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**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING,SHEGAON**

Student Orientation and Induction Program Attendance

**Session : 2022-23, Class : 1S**

| Student Name | | 15-11-2022 | 16-11-2022 | 17-11-2022 | 18-11-2022 | 19-11-2022 | 21-11-2022 | 22-11-2022 | 23-11-2022 | 24-11-2022 | 25-11-2022 | 26-11-2022 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ku. Aachal | Masne | Present | Present | Present | Present | Present | Present | Present | Present | Present | Present | Present |
| Ku. Apekash | Sarode | AS | AS | AS | AS | AS | AS | AS | AS | AS | AS | AS |
| Ku. Arpita | Daberao | Present | Present | Present | Present | Present | Present | Present | Present | Present | Present | Present |
| Ku. Ayushi | Ghulaxe | AG | AG | AG | AG | AG | AG | AG | AG | AG | AG | AG |
| Ku. Divya | Chandak | Present | Present | Present | Present | Present | Present | Present | Present | Present | Present | Present |
| Ku. Dnyaneshwari | Gawande | DG | DG | DG | DG | DG | DG | DG | DG | DG | DG | DG |
| Ku. Gauri | Nile | G.N | G.N | G.N | G.N | G.N | G.N | G.N | G.N | G.N | G.N | G.N |
| Ku. Gayatri | Deshmukh | GD | GD | GD | GD | GD | GD | GD | GD | GD | GD | GD |
| Ku. Janhavi | Wankhade | Present | Present | Present | Present | Present | Present | Present | Present | Present | Present | Present |
| Ku. Lavanya | Gawade | L.G | L.G | L.G | L.G | L.G | L.G | L.G | L.G | L.G | L.G | L.G |
| Ku. Mrunali | Tale | M.T | M.T | M.T | M.T | M.T | M.T | M.T | M.T | M.T | M.T | M.T |
| Ku. Neha | Tayade | Neha-T | Neha-T | Neha-T | Neha-T | Neha-T | Neha-T | Neha-T | Neha-T | Neha-T | Neha-T | Neha-T |
| Ku. Nisarga | Solanke | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| Ku. Pranali | Wankhade | P.W | P.W | P.W | P.W | P.W | P.W | P.W | P.W | P.W | P.W | P.W |
| Ku. Prerna | Patil | P.P | P.P | P.P | P.P | P.P | P.P | P.P | P.P | P.P | PP | PP |
| Ku. Purva | Nagapure | RW | RW | RW | RW | RW | RW | RW | RW | RW | RW | RW |
| Ku. Ruchita | Ghate | Present | Present | Present | Present | Present | Present | Present | Present | Present | Present | Present |
| Ku. Sakshi | Raut | SR | SR | SR | SR | SR | SR | SR | SR | SR | SR | SR |
| Ku. Sakshi | Palaskar | SP | SP | SP | SP | SP | SP | SP | SP | SP | SP | SP |
| Ku. Sakshi | Awkale | Present | Present | Present | Present | Present | Present | Present | Present | Present | Present | Present |
| Ku. Sakshi | Vanve | SV | SV | SV | SV | SV | SV | SV | SV | SV | SV | SV |
| Ku. Samiksha | Shinde | SS | SS | SS | SS | SS | SS | SS | SS | SS | SS | SS |
| Ku. Sanika | Wadhokar | Present | Present | Present | Present | Present | Present | Present | Present | Present | Present | Present |

| | Student Name | | 15-11-22 | 16-11-22 | 17-11-22 | 18-11-22 | 19-11-22 | 21-11-22 | 22-11-22 | 23-11-22 | 24-11-22 | 25-11-22 | 26-11-22 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Ku. Sharayu | Shelke | Vkshelke | Vkshelke | Vkshelke | Vkshelke | Vkshelke | Vkshelke | Vkshelke | Vkshelke | Vkshelke | Vkshelke | Vkshelke |
| | Ku. Shruti | Yeul | Sryeul | Sryeul | Sryeul | Sryeul | Sryeul | Sryeul | Sryeul | Sryeul | Sryeul | Sryeul | Sryeul |
| | Ku. Simrankaur | Chavan | SC | SC | SC | SC | SC | SC | SC | SC | SC | SC | SC |
| | Ku. Sonal | Bhople | SB | SB | SB | SB | SB | SB | SB | SB | SB | SB | SB |
| | Ku. Vaishnavi | Raut | VRaut | VRaut | VRaut | VRaut | VRaut | VRaut | VRaut | VRaut | VRaut | VRaut | VRaut |
| | Ku. Vaishnavi | Dadgal | V.S. Dadgal | V.S. Dadgal | V.S. Dadgal | V.S. Dadgal | V.S. Dadgal | V.S. Dadgal | V.S. Dadgal | V.S. Dadgal | V.S. Dadgal | V.S. Dadgal | V.S. Dadgal |
| | Ku. Vaishnavi | Karale | Vkarale | Vkarale | Vkarale | Vkarale | Vkarale | Vkarale | Vkarale | Vkarale | Vkarale | Vkarale | Vkarale |
| | Ku. Vijaya | Shegokar | VSh | VSh | VSh | VSh | VSh | VSh | VSh | VSh | VSh | VSh | VSh |
| | Abhinay | Chapake | Amc | Amc | Amc | Amc | Amc | Amc | Amc | Amc | Amc | Amc | Amc |
| | Abhishek | Dhamode | Adhamode | Adhamode | Adhamode | Adhamode | Adhamode | Adhamode | Adhamode | Adhamode | Adhamode | Adhamode | Adhamode |
| | Abhishek | Adakane | AAdakane | AAdakane | AAdakane | AAdakane | AAdakane | AAdakane | AAdakane | AAdakane | AAdakane | AAdakane | AAdakane |
| | Aniruddha | Palaskar | APalaskar | APalaskar | APalaskar | APalaskar | APalaskar | APalaskar | APalaskar | APalaskar | APalaskar | APalaskar | APalaskar |
| | Arjun | Pachpor | APpor | APpor | APpor | APpor | APpor | APpor | APpor | APpor | APpor | APpor | APpor |
| | Atharv | Ingle | AIngle | AIngle | AIngle | AIngle | AIngle | AIngle | AIngle | AIngle | AIngle | AIngle | AIngle |
| | Ayush | Harne | AHarne | AHarne | AHarne | AHarne | AHarne | AHarne | AHarne | AHarne | AHarne | AHarne | AHarne |
| | Chetan | Raut | CR | CR | CR | CR | CR | CR | CR | CR | CR | CR | CR |
| | Darshan | Raut | DRaut | DRaut | DRaut | DRaut | DRaut | DRaut | DRaut | DRaut | DRaut | DRaut | DRaut |
| | Dhiraj | Nandan | DNandan | DNandan | DNandan | DNandan | DNandan | DNandan | DNandan | DNandan | DNandan | DNandan | DNandan |
| | Gaurav | Zade | GZade | GZade | GZade | GZade | GZade | GZade | GZade | GZade | GZade | GZade | GZade |
| | Harsh | Fulare | HFulare | HFulare | HFulare | HFulare | HFulare | HFulare | HFulare | HFulare | HFulare | HFulare | HFulare |
| | Harshal | Dutonde | HDutonde | HDutonde | HDutonde | HDutonde | HDutonde | HDutonde | HDutonde | HDutonde | HDutonde | HDutonde | HDutonde |
| | Himanshu | Karale | HKarale | HKarale | HKarale | HKarale | HKarale | HKarale | HKarale | HKarale | HKarale | HKarale | HKarale |
| | Hrushikesh | Shekharwar | HShekharwar | HShekharwar | HShekharwar | HShekharwar | HShekharwar | HShekharwar | HShekharwar | HShekharwar | HShekharwar | HShekharwar | HShekharwar |
| | Kalpak | Waghmare | KWaghmare | KWaghmare | KWaghmare | KWaghmare | KWaghmare | KWaghmare | KWaghmare | KWaghmare | KWaghmare | KWaghmare | KWaghmare |
| | Kunal | Pisudde | KPisudde | KPisudde | KPisudde | KPisudde | KPisudde | KPisudde | KPisudde | KPisudde | KPisudde | KPisudde | KPisudde |
| | Manthan | Kolte | M.S.Kolte | M.S.Kolte | M.S.Kolte | M.S.Kolte | M.S.Kolte | M.S.Kolte | M.S.Kolte | M.S.Kolte | M.S.Kolte | M.S.Kolte | M.S.Kolte |
| | Mohammad amaan | Aarif | Mmaan | Mmaan | Mmaan | Mmaan | Mmaan | Mmaan | Mmaan | Mmaan | Mmaan | Mmaan | Mmaan |
| | Nitin | Bhingare | NBhingare | NBhingare | NBhingare | NBhingare | NBhingare | NBhingare | NBhingare | NBhingare | NBhingare | NBhingare | NBhingare |
| | Om | Bhedurkar | OBhedurkar | OBhedurkar | OBhedurkar | OBhedurkar | OBhedurkar | OBhedurkar | OBhedurkar | OBhedurkar | OBhedurkar | OBhedurkar | OBhedurkar |

| | Student Name | | 15-11-22 | 16-11-22 | 17-11-22 | 18-11-22 | 19-11-22 | 21-11-22 | 22-11-22 | 23-11-22 | 24-11-22 | 25-11-22 | 26-11-22 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Ombramhatma | Dhumale | | | | | | | | | | | |
| | Palash | Belsare | | | | | | | | | | | |
| | Pranav | Harne | | | | | | | | | | | |
| | Pratik | Tayde | | | | | | | | | | | |
| | Rohan | Sarjekar | | | | | | | | | | | |
| | Rushikesh | Payghan | | | | | | | | | | | |
| | Sanket | Pandhare | | | | | | | | | | | |
| | Sarthak | Paraskar | | | | | | | | | | | |
| | Shambhu | Chavan | | | | | | | | | | | |
| | Shriyash | Bharade | | | | | | | | | | | |
| | Siddhesh | Tambekar | | | | | | | | | | | |
| | Sumit | Jumde | | | | | | | | | | | |
| | Tushar | Kharate | | | | | | | | | | | |
| | Vedant | Hiwale | | | | | | | | | | | |
| | Yash | Nemade | | | | | | | | | | | |
| | Yash | Kalyankar | | | | | | | | | | | |

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Dept.of Applied Sciences & Humanities
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A

Report

on

# “How to Overcome Challenges in the Students through Effective Mentorship ”

## Student Orientation and Induction Program

**Academic Year 2022-23**

Shri Sant Gajanan Maharaj College of Engineering,

| Sr No | Title of Activity | How to Overcome Challenges in the Students through Effective Mentorship?<br>Student Orientation and Induction Program |
|---|---|---|
| 1 | Speaker | Dr. Pradeep Awachar, An Activist & Senior Counsellor/Mentor |
| 2 | Co-Ordinator | Prof H.S.Patil |
| 3 | Co-Coordinator | Dr.A.S.Tale |
| 4 | Schedule of Activity | Started from 22-11-2022<br>at 12.15pm-2.30pmTotal **1** Hr. |
| 5 | Time | As per the schedule mentioned in Student Orientation and Induction Training and notice |
| 6 | Objective of Activity | **1.** Define the concept of mentorship and its significance in student development.<br>**2.** Identify and analyze common challenges faced by students in academic, personal, and professional spheres.<br>**3.** Provide insights on how effective communication can build trust and rapport between mentors and students.<br>**4.** Introduce the concept of a growth mindset and its relevance in overcoming challenges. |
| 7 | Venue | **Auditorium** |
| 8 | No. of Beneficiaries | Total- **450** |
| 9 | Syllabus/Topics | How to Overcome Challenges in the Students through Effective Mentorship? |

**About Program**:

The primary aim of this program is to equip attendees with practical insights and strategies to effectively mentor students, enabling them to overcome challenges and achieve their academic and personal goals.

**Speaker Profile:** Dr. Pradeep Awachar, An Activist & Senior Counsellor/Mentor.

**Topics Covered:** How to Overcome Challenges in the Students through Effective Mentorship?

**Learning Outcomes**:

1. **Enhanced Problem-Solving Skills:** Students develop improved problem-solving abilities by receiving guidance and support from mentors in navigating challenges they face academically or personally.
2. **Increased Self-Confidence:** Through mentorship, students gain confidence in their abilities to tackle obstacles. As mentors provide encouragement and guidance, students feel more capable of overcoming challenges.
3. **Improved Resilience:** Mentorship helps students build resilience and a positive mindset when encountering setbacks. They learn to bounce back from failures and adapt to change more effectively.
4. **Personal Growth and Development:** Students experience personal growth as mentors assist in identifying strengths, weaknesses, and areas for improvement. This helps in developing a growth mindset and continual self-improvement.
5. **Academic Support and Success:** Mentorship can significantly impact academic performance by providing strategies for studying, time management, and addressing specific academic difficulties.
6. **Expanded Network and Resources:** Through mentorship, students gain access to broader networks, resources, and opportunities that aid in overcoming challenges, such as access to professionals, internships, or learning materials.

**Program Contents:**

Dr. Pradeep Awachar interacted with students on “How to Overcome Challenges of the Students through Effective Mentorship?”

During his session, he engaged a few activities to highlight the importance of being a good listener, team-work, coordination, management, learning from each other and so on.

He also advised to be empathetic rather than sympathetic. “Always win is not a point, but giving our best is”, he said.

He suggested students to follow the following:

- Always learn new.
- Be a good learner.
- Be supportive towards each other.
- Be the best, do the best and you all will be the best.

Students enjoyed his session a lot.

Shri Sant Gajanan Maharaj
College of Engineering
SHEGAON, MAHARASHTRA, INDIA
STUDENT ORIENTATION AND INDUCTION PROGRAMME
for B. E. And M.B.A. First Year (Session 2022-2023)
"HOW TO OVERCOME CHALLENGES OF THE STUDENTS THROUGH EFFECTIVE MENTORSHIP?"
Day & Date - Tuesday, November 22nd, 2022
Time - 12:15 pm to 2:30 pm
Resource Person
Dr. Pradeep Awachar
An Activist & Senior Counsellor/Mentor
@ssgmceshegaon
@ssgmceofficialpage
linkedin.com/in/ssgmce
@AlumniSsgmce

22.11.2022

## SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING,SHEGAON

Student Orientation and Induction Attendance

**Session : 2022-23, Class : 1R,**

| Student Name | | 15-11-2022 | 16-11-2022 | 17-11-2022 | 18-11-2022 | 19-11-2022 | 21-11-2022 | 22-11-2022 | 23-11-2022 | 24-11-2022 | 25-11-2022 | 26-11-2022 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ku. Anagha | Badhe | | | | | | | | | | | |
| Ku. Devashree | Pundlik | P.V.P | D.V.P | D.V.P | D.V.P | D.V.P | D.V.P | D.V.P | D.V.P | D.V.P | D.V.P | D.V.P |
| Ku. Divya | Wadodkar | D.V.Wadodkar | D.V.Wadodkar | D.V.Wadodkar | D.V.Wadodkar | D.V.Wadodkar | D.V.Wadodkar | D.V.Wadodkar | D.V.Wadodkar | D.V.Wadodkar | D.V.Wadodkar | D.V.Wadodkar |
| Ku. Gauri | Patil | G.R.Patil | G.R.Patil | G.R.Patil | G.R.Patil | G.R.Patil | G.R.Patil | G.R.Patil | G.R.Patil | G.R.Patil | G.R.Patil | G.R.Patil |
| Ku. Gauri | Kulkarni | | | | | | | | | | | |
| Ku. Gauri | Gurav | | | | | | | | | | | |
| Ku. Gayatri | Arbat | | | | | | | | | | | |
| Ku. Janhavi | Kolhe | | | | | | | | | | | |
| Ku. Kalyani | Kayande | | | | | | | | | | | |
| Ku. Madhura | Bathe | | | | | | | | | | | |
| Ku. Mayuri | Tomar | | | | | | | | | | | |
| Ku. Nandini | Jambhulkar | | | | | | | | | | | |
| Ku. Priyanka | Tawar | P.B.Tawar | P.B.Tawar | P.B.Tawar | P.B.Tawar | P.B.Tawar | P.B.Tawar | P.B.Tawar | P.B.Tawar | P.B.Tawar | P.B.Tawar | P.B.Tawar |
| Ku. Renuka | Raut | | | | | | | | | | | |
| Ku. Rujuta | Deshmukh | | | | | | | | | | | |
| Ku. Sakshi | Agaldare | S.Agaldare | S.Agaldare | S.Agaldare | S.Agaldare | S.Agaldare | S.Agaldare | S.Agaldare | S.Agaldare | S.Agaldare | S.Agaldare | S.Agaldare |
| Ku. Sanchita | Gahalod | | | | | | | | | | | |
| Ku. Sanika | Jumale | | | | | | | | | | | |
| Ku. Shraddha | Ravankar | | | | | | | | | | | |
| Ku. Shruti | Tarale | | | | | | | | | | | |
| Ku. Shruti | Kolpyakwar | | | | | | | | | | | |

| Student Name | | 15-11-2022 | 16-11 | 17-11 | 18/11 | 19-11 | 21-11 | 22-11 | 23-11 | 24-11 | 25-11 | 26-11 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ku. Shruti | Bedarkar | S.R.Bedarkar | S.R.Bedarkar | S.R.Bedarkar | S.R.Bedarkar | S.R.Bedarkar | S.R.Bedarkar | S.R.Bedarkar | S.R.Bedarkar | S.R.Bedarkar | S.R.Bedarkar | S.R.Bedarkar |
| Ku. Shruti | Chaudhari | Shruti | Shruti | Shruti | Shruti | Shruti | Shruti | Shruti | Shruti | Shruti | Shruti | Shruti |
| Ku. Shruti | Kashikar | S.Kashikar | S.Kashikar | S.Kashikar | S.Kashikar | S.Kashikar | S.Kashikar | S.Kashikar | S.Kashikar | S.Kashikar | S.Kashikar | S.Kashikar |
| Ku. Srushti | Ingale | S.Ingale | S.Ingale | S.Ingale | S.Ingale | S.Ingale | S.Ingale | S.Ingale | S.Ingale | S.Ingale | S.Ingale | S.Ingale |
| Ku. Tanvi | Wasule | T.Wasule | T.Wasule | T.Wasule | T.Wasule | T.Wasule | T.Wasule | T.Wasule | T.Wasule | T.Wasule | T.Wasule | T.Wasule |
| Ku. Tulsi | Totala | Ptotala | Ptotala | Ptotala | Ptotala | Ptotala | Ptotala | Ptotala | Ptotala | Ptotala | Ptotala | Ptotala |
| Ku. Vaishnavi | Lahole | V.Lahole | V.Lahole | V.Lahole | V.Lahole | V.Lahole | V.Lahole | V.Lahole | V.Lahole | V.Lahole | V.Lahole | V.Lahole |
| Ku. Vaishnavi | Mirge | | | | | | | | | | | |
| Ku. Vaishnavi | Ghyar | | | | | | | | | | | |
| Ku. Vishakha | Ganorkar | | | | | | | | | | | |
| Aditya | Kulkarni | Akulkarni | Akulkarni | Akulkarni | Akulkarni | Akulkarni | Akulkarni | Akulkarni | Akulkarni | Akulkarni | Akulkarni | Akulkarni |
| Aditya | Ingle | Angle | Angle | Angle | Angle | Angle | Angle | Angle | Angle | Angle | Angle | Angle |
| Aditya | Siras | | | | | | | | | | | |
| Akhilesh | Khose | Aske | Aske | Aske | Aske | Aske | Aske | Aske | Aske | Aske | Aske | Aske |
| Amit | Kumar | | | | | | | | | | | |
| Ananya | Bodakhe | A.Bodkhe | A.Bodkhe | A.Bodkhe | A.Bodkhe | A.Bodkhe | A.bbodkhe | A.bhadkhe | ABadkhe | A.Bodkhe | A.bodkhe | A.bodkhe |
| Arpit | Raut | Raut | Raut | Raut | Raut | Raut | Raut | Raut | Raut | Raut | Raut | Raut |
| Ashish | Korpe | A.korpe | A.korpe | A.korpe | A.korpe | A.korpe | A.korpe | A.kspe | A.kspe | A.kspe | A.kspe | A.kspe |
| Atharva | Lahase | Nslahase | Nslahase | Nslahase | Nslahase | Nslahase | Nslahase | Nslahase | Nslahase | Nslahase | Nslahase | Nslahase |
| Digvijay | Bhonsle | Bhonsle | Bhonsle | Bhonsle | Bhonsle | Bhonsle | Bhonsle | Bhonsle | Bhonsle | Bhonsle | Bhonsle | Bhonsle |
| Gaurav | Ghatol | Ghatol | Ghatol | Ghatol | Ghatol | Ghatol | Ghatol | Ghatol | Ghatol | Ghatol | Ghatol | Ghatol |
| Gourav | Singh | Gouravsingh | Gouravsingh | Gouravsingh | Gouravsingh | Gouravsingh | Gouravsingh | Gouravsingh | Gouravsingh | Gouravsingh | Gouravsingh | Gouravsingh |
| Himanshu | Kharate | Hkharate | Hkharate | Hkharate | Hkharate | Hkharate | Hkharate | Hkharate | Hkharate | Hkharate | Hkharate | Hkharate |
| Jay | Joshi | | | | | | | | | | | |
| Krushna | Kulthe | Kulthe | Kulthe | Kulthe | Kulthe | Kulthe | Kulthe | Kulthe | Kulthe | Kulthe | Kulthe | Kulthe |
| Mangesh | Lavate | | | | | | | | | | | |
| Mukund | Atram | MAtram | MAtram | MAtram | MAtram | MAtram | MAtram | MAtram | MAtram | MAtram | MAtram | MAtram |
| Nishant | Bayskar | | | | | | | | | | | |
| Om | Kadu | Okad | Okad | Okad | Okad | Okad | Okad | Okad | Okad | Okad | Okad | Okad |
| Om | Sahastrabuddhe | O.Sahastrabuddhe | O.Sahastrabuddhe | O.Sahastrabuddhe | O.Sahastrabuddhe | O.Sahastrabuddhe | O.Sahastrabuddhe | O.Sahastrabuddhe | O.Sahastrabuddhe | O.Sahastrabuddhe | O.Sahastrabuddhe | O.Sahastrabuddhe |

| Name of Student | | 15-11-22 | 16-11-22 | 17-11-22 | 18-11-22 | 19-11-22 | 21-11-22 | 22-11-22 | 23-11-22 | 24-11-22 | 25-11-22 | 26-11-22 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Parth | Uplenchwar | Parth | Parth | Parth | Parth | Parth | Parth | Parth | Parth | Parth | Parth | Parth |
| Piyush | Agroya | Atmaya | Atmaya | Atmaya | Atmaya | Atmaya | Atmaya | Atmaya | Atmaya | Atmaya | Atmaya | Atmaya |
| Prajwal | Kathole | Pekathole | Pekathole | Pekathole | Pekathole | Pekathole | Pekathole | Pekathole | Pekathole | Pekathole | Pekathole | Pekathole |
| Pratik | Patil | P. Patil | P. Patil | P. Patil | P. Patil | P. Patil | P. Patil | P. Patil | P. Patil | P. Patil | P. Patil | P. Patil |
| Prem | Wankhade | P.J. Wankhade | P.J. Wankhade | P.J. Wankhade | P.J. Wankhade | P.J. Wankhade | P.J. Wankhade | P.J. Wankhade | P.J. Wankhade | P.J. Wankhade | P.J. Wankhade | P.J. Wankhade |
| Sachin | Nerkar | S. Nerkar | S. Nerkar | S. Nerkar | S. Nerkar | S. Nerkar | S. Nerkar | S. Nerkar | S. Nerkar | S. Nerkar | S. Nerkar | S. Nerkar |
| Sagar | Palhade | Sag | Sag | Sag | Sag | Sag | Sag | Sag | Sag | Sag | Sag | Sag |
| Sarthak | Deshmukh | S.Deshmukh | S.Deshmukh | S.Deshmukh | S.Deshmukh | S.Deshmukh | S.Deshmukh | S.Deshmukh | S.Deshmukh | S.Deshmukh | S.Deshmukh | S.Deshmukh |
| Shantanu | Dongare | | | | | | | | | | | |
| Shivam | Gahale | Ghale | Ghale | Ghale | Ghale | Ghale | Ghale | Ghale | Ghale | Ghale | Ghale | Ghale |
| Shreyas | Kokate | Kokate | Kokate | Kokate | Kokate | Kokate | Kokate | Kokate | Kokate | Kokate | Kokate | Kokate |
| Shreyash | Tote | Stote | Stote | Stote | Stote | Stote | Stote | Stote | Stote | Stote | Stote | Stote |
| Shreyash | Damodar | S&D | S&D | S&D | S&D | S&D | S&D | S&D | S&D | S&D | S&D | S&D |
| Shubham | Jadhao | S.Jadhao | S.Jadhao | S.Jadhao | S.Jadhao | S.Jadhao | S.Jadhao | S.Jadhao | S.Jadhao | S.Jadhao | S.Jadhao | S.Jadhao |
| Subodh | Munghate | Subodh | Subodh | Subodh | Subodh | Subodh | Subodh | Subodh | Subodh | Subodh | Subodh | Subodh |
| Sujal | Ghodeswar | Sujal.G | Sujal.G | Sujal.G | Sujal.G | Sujal.G | Sujal.G | Sujal.G | Sujal.G | Sujal.G | Sujal.G | Sujal.G |
| Sushant | Fokmare | Sushfokmare | Sushfokmare | Sushfokmare | Sushfokmare | Sushfokmare | Sushfokmare | Sushfokmare | Sushfokmare | Sushfokmare | Sushfokmare | Sushfokmare |
| Vedant | Dhepe | Dhepe | Dhepe | Dhepe | Dhepe | Dhepe | Dhepe | Dhepe | Dhepe | Dhepe | Dhepe | Dhepe |
| Vishal | Kotru | Vishalkotru | Vishalkotru | Vishalkotru | Vishalkotru | Vishalkotru | Vishalkotru | Vishalkotru | Vishalkotru | Vishalkotru | Vishalkotru | Vishalkotru |

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Head
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## SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING,SHEGAON

Student Orientation and Induction Program Attendance

Session : 2022-23, Class : 1N,

| | Student Name | | 15-11-2022 | 16-11-2022 | 17-11-2022 | 18-11-2022 | 19-11-2022 | 21-11-2022 | 22-11-2022 | 23-11-2022 | 24-11-2022 | 25-11-2022 | 26-11-2022 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Ku. Akanksha | Kale | | | | | | | | | | | |
| | Ku. Akanksha | Gurav | | | | | | | | | | | |
| | Ku. Apurva | Kulkarni | | | | | | | | | | | |
| | Ku. Aarti | Patil | | | | | | | | | | | |
| | Ku. Bhagyashri | Patil | | | | | | | | | | | |
| | Ku. Darshana | Pagrut | | | | — | | — | | | | — | |
| | Ku. Divya | Dharme | | | | | | | | | | | |
| | Ku. Divya | Manekar | | | | | | | | | | | |
| | Ku. Garima | Agrawal | | | | | | | | | | | |
| | Ku. Gayatri | Balode | | | | | | | | | | | |
| | Ku. Janvi | Wakde | | | | | | | | | | | |
| | Ku. Kalyani | Mandavgade | | | | | | | | | | | |
| | Ku. Kalyani | Gadekar | | | | | | | | | | | |
| | Ku. Kiran | Kharode | | | | | | | | | | | |
| | Ku. Kirti | Dhumane | | | | | | | | | | | |
| | Ku. Mayuri | Pathade | | | | | | | | | | | |
| | Ku. Nidhi | Agrawal | | | | | | | | | | | |
| | Ku. Payal | More | | | | | | | | | | | |
| | Ku. Priya | Kondane | | | | | | | | | | | |
| | Ku. Rutuja | Bansod | | | | | | | | | | | |
| | Ku. Rutuja | Sawai | | | | | | | | | | | |
| | Ku. Sakshi | Wagh | | | | | | | | | — | — | |
| | Ku. Samiksha | Kulkarni | | | | | | | | | | | |

| Student Name | | 15-11-22 | 16-11-22 | 17-11-22 | 18-11-22 | 19-11-22 | 21-11-22 | 22-11-22 | 23-11-22 | 29-11-22 | 25-11-22 | 26-11-22 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ku. Samruddhi | Tathe | Present | Present | Present | Present | Present | Present | Present | Present | Present | Present | Present |
| Ku. Sanika | Bodkhe | P | P | P | P | P | P | P | P | P | P | P |
| Ku. Sarah | Ataurrahman | | | | | | | | | | | |
| Ku. Sejal | Kagdelwar | | | | | | | | | | | |
| Ku. Shatakshi | Kolhe | Present | Present | Present | Present | Present | Present | Present | Present | Present | Present | Present |
| Ku. Shravani | Gulhane | | | | | | | | | | | |
| Ku. Shreya | Ugemuge | | | | | | | | | | | |
| Ku. Suhani | Raut | | | | | | | | | | | |
| Ku. Vaishnavi | Gayakwad | | | | | | | | | | | |
| Ku. Vaishnavi | Ugale | | | | | | | | | | | |
| Ku. Vaishnvi | Thakur | | | | | | | | | | | |
| Ku. Vasundhara | Deshmukh | | | | | | | | | | | |
| Aditya | Rawal | | | | | | | | | | | |
| Aditya | Godmale | | | | | | | | | | | |
| Anup | Sawai | | | | | | | | | | | |
| Apurv | Gore | | | | | | | | | | | |
| Devesh | Pawar | | | | | | | | | | | |
| Dewang | Bhonde | | | | | | | | | | | |
| Dhruv | Gadewar | | | | | | | | | | | |
| Gaurav | Chavan | | | | | | | | | | | |
| Girish | Sonune | | | | | | | | | | | |
| Harshal | Chinchole | | | | | | | | | | | |
| Harshal | Chirde | | | | | | | | | | | |
| Kushal | Koradia | | | | | | | | | | | |
| Kushal | Lambhate | | | | | | | | | | | |
| Mukund | Deshmukh | | | | | | | | | | | |
| Parth | Rathod | | | | | | | | | | | |
| Piyush | Bhujbal | | | | | | | | | | | |

| | Student Name | | 15-11-22 | 16-11-22 | 17-11-22 | 18-11-22 | 19-11-22 | 21-11-22 | 22-11-22 | 23-11-22 | 24-11-22 | 25-11-22 | 26-11-22 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Prajwal | Kunte | | | | | | | | | | | |
| | Pranay | Rapartiwar | | | | | | | | | | | |
| | Pratik | Wankhade | | | | | | | | | | | |
| | Pratik | Birpan | | | | | | | | | | | |
| | Prem | Suryawanshi | | | | | | | | | | | |
| | Ram | Ingle | Ram | Ram | Ram | Ram | Ram | Ram | Ram | Ram | Ram | Ram | Ram |
| | Ranjit | Dhakare | | | | | | | | | | | |
| | Sanket | Agade | | | | | | | | | | | |
| | Shailesh | Sharma | | | | | | | | | | | |
| | Shreyas | Mundhe | | | | | | | | | | | |
| | Shrikant | Kalaskar | | | | | | | | | | | |
| | Soham | Joshi | | | | | | | | | | | |
| | Tejas | Suradkar | | | | | | | | | | | |
| | Vaibhav | Ghiye | | | | | | | | | | | |
| | Vaibhav | Wadekar | | | | | | | | | | | |
| | Vedant | Nagpure | | | | | | | | | | | |
| | Vikas | Gawade | | | | | | | | | | | |
| | Milind | Wankhade | mil | mil | mil | mil | mil | mil | mil | mil | mil | mil | mil |

Prof. S. Rathi

**Head**
Dept.of Applied Sciences & Humanities
SSGMCE, Shegaon-444203

## SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING,SHEGAON

Student Orientation and Induction Attendance

**Session : 2022-23, Class : 1U1,**

| Student Name | | 15-11-2022 | 16-11-2022 | 17-11-2022 | 18-11-2022 | 19-11-2022 | 21-11-2022 | 22-11-2022 | 23-11-2022 | 24-11-2022 | 25-11-2022 | 26-11-2022 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ku. Aditi | Pote | Pote | Pote | Pote | — | Pote | Pote | Pote | Pote | — | Pote | Pote |
| Ku. Asha | Jangid | A.Jangid | A.Jangid | — | — | A.Jangid | A.Jangid | — | A.Jangid | A.Jangid | A.Jangid | — |
| Ku. Bhakti | Deshmukh | Bhakti | Bhakti | Bhakti | Bhakti | Bhakti | | Bhakti | Bhakti | Bhakti | | Bhakti |
| Ku. Gargee | Shekokar | Shekokar | Shekokar | Shekokar | Shekokar | Shekokar | Shekokar | Shekokar | Shekokar | Shekokar | Shekokar | Shekokar |
| Ku. Gargi | Bawner | GB | GB | — | GB | GB | GB | — | GB | — | GB | GB |
| Ku. Gauri | Malekar | G.S.Malekar | G.S.Malekar | G.S.Malekar | G.S.Malekar | G.S.Malekar | G.S.Malekar | G.S.Malekar | G.S.Malekar | — | G.S.Malekar | G.S.Malekar |
| Ku. Kanchan | Khond | K.kond | K.kond | K.kond | K.kond | K.kond | K.kond | — | K.kond | K.kond | K.kond | K.kond |
| Ku. Mrunal | Shejul | MSejul | | | | MSejul | MSejul | MSejul | MSejul | | | MSejul |
| Ku. Neha | Joshi | N.P.Joshi | N.P.Joshi | N.P.Joshi | N.P.Joshi | N.P.Joshi | N.P.Joshi | N.P.Joshi | N.P.Joshi | N.P.Joshi | N.P.Joshi | N.P.Joshi |
| Ku. Nirjala | Dhore | NDhore | NDhore | — | N.Dhore | NDhore | NDhore | NDhore | NDhore | — | NDhore | NDhore |
| Ku. Prajakta | Ingle | PIngle | PIngle | PIngle | PIngle | | PIngle | — | PIngle | PIngle | PIngle | PIngle |
| Ku. Pratikasha | Nachane | Rachane | Rachane | Rachane | Rachane | Rachane | — | Rachane | Rachane | Rachane | Rachane | Rachane |
| Ku. Prerana | Naphade | Prerana | Prerana | Prerana | Prerana | Prerana | Prerana | Prerana | Prerana | Prerana | Prerana | Prerana |
| Ku. Rasika | Kulkarni | RPK | RPK | RPK | RPK | RPK | RPK | RPK | RPK | RPK | RPK | RPK |
| Ku. Renuka | Gorve | RG | RG | RG | RG | RG | — | RG | RG | RG | RG | RG |
| Ku. Rutuja | Dalal | RDalal | RDalal | RDalal | R.Dalal | RDalal | RDalal | RDalal | R.Dalal | RDalal | R.Dalal | R.Dalal |
| Ku. Sakshi | Dadgal | SDadgal | SDadgal | SDadgal | SDadgal | SDadgal | SDadgal | — | — | — | SDadgal | SDadgal |
| Ku. Sakshi | Vaitkar | SNVaitkar | SNVaitkar | SNVaitkar | SNVaitkar | SNVaitkar | SNVaitkar | SNVaitkar | SNVaitkar | SNVaitkar | SNVaitkar | SNVaitkar |
| Ku. Sakshi | Dhole | Kusakshi | Kusakshi | Kusakshi | Kusakshi | Kusakshi | Kusakshi | Kusakshi | Kusakshi | Kusakshi | Kusakshi | Kusakshi |
| Ku. Sakshi | Bhojane | SB | SB | — | SB | SB | SB | SB | SB | — | SB | — |
| Ku. Samiksha | Daberao | Daberao | Daberao | Daberao | Daberao | Daberao | Daberao | | — | Daberao | | — |
| Ku. Sanika | Sakle | — | — | — | — | — | — | S.Sakle | S.Sakle | S.Sakle | S.Sakle | S.Sakle |
| Ku. Saniya | Mulay | | | | | | | | | | | |

| Student Name | | 15-11-22 | 16-11-22 | 17-11-22 | 18-11-22 | 19-11-22 | 21-11-22 | 22-11-22 | 23-11-22 | 24-11-22 | 25-11-22 | 26-11-22 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ku. Shivganga | Dugane | Sdugane | Sdugane | Sdugane | Sdugane | Sdugane | Sdugane | Sdugane | Sdugane | Sdugane | Sdugane | Sdugane |
| Ku. Shraddha | Kaple | Skaple | Skaple | Skaple | Skaple | Skaple | Skaple | — | Skaple | Skaple | Skaple | Skaple |
| Ku. Shreya | Tayde | S.Tayde | S.Tayde | S.Tayde | — | | S.Tayade | S.Tayade | S.Tayade | S.Tayde | S.Tayde | S.Tayade |
| Ku. Siddhi | Borkar | SBOR | SBOR | SBOR | SBOR | SBOR | SBOR | SBOR | SBOR | SBOR | SBOR | SBOR |
| Ku. Sneha | Mahale | Mahale | Mahale | Mahale | Mahale | Mahale | Mahale | Mahale | Mahale | Mahale | Mahale | — |
| Ku. Srushti | Gadakh | SG | SG | SG | SG | SG | SG | SG | SG | SG | — | SG |
| Ku. Tanushree | Mahalle | Mahalle | Mahalle | Mahalle | Mahalle | Mahalle | Mahalle | Mahalle | Mahalle | Mahalle | Mahalle | Mahalle |
| Ku. Tejal | Bahirde | Bahirde | Bahirde | Bahirde | Bahirde | Bahirde | Bahirde | Bahirde | Bahirde | Bahirde | Bahirde | Bahirde |
| Ku. Vaishnavi | Unhale | V. unhale | V. unhale | V. unhale | V. unhale | V. unhale | V. Unhale | V. unhale | V. unhale | V. unhale | V. unhale | V. unhale |
| Abhijeet | Lande | Alande | Alande | Alande | Alande | Alande | Alande | Alande | Alande | Alande | Alande | Alande |
| Advait | Awaghade | Advait | Advait | Advait | Advait | Advait | Advait | Advait | Advait | Advait | Advait | Advait |
| Akshay | Pawar | Pawar | Pawar | Pawar | Pawar | Pawar | Pawar | Pawar | Pawar | Pawar | Pawar | Pawar |
| Aman | Kohale | Akohale | Akohale | Akohale | Akohale | Akohale | Akohale | Akohale | Akohale | Akohale | Akohale | Akohale |
| Aniket | Shahare | Asan | Asan | Asan | Asan | Asan | Asahare | Asahare | Asan | Asan | Asan | Asan |
| Anurag | Fulmali | Afulmali | Afulmali | Afulmali | Afulmali | Afulmali | Afulmali | Afulmali | Afulmali | Afulmali | Afulmali | Afulmali |
| Atharva | Nimishe | Athm | Athm | Athm | Athm | Athm | Athm | Athm | Athm | Athm | Athm | Athm |
| Atharva | Rathod | AR | — | AR | AR | — | AR | — | AR | AR | AR | AR |
| Ayush | Hirwe | Ayh | Ayh | Ayh | Ayh | Ayh | Ayh | Ayh | Ayh | Ayh | Ayh | Ayh |
| Chandan | Karnani | Karn | Karn | Karn | Karn | Karn | Karn | Karn | Karn | Karn | Karn | Karn |
| Chetan | Khanderao | CK | — | CK | CK | CK | CK | CK | CK | CK | CK | CK |
| Gopal | Kela | GK | GK | GK | GK | | GK | GK | GK | GK | GK | GK |
| Harshal | Pal | HPal | HPal | HPal | HPal | HPal | HPal | HPal | HPal | HPal | HPal | HPal |
| Kartik | Yeul | Kartik | Kartik | Kartik | Kartik | Kartik | Kartik | Kartik | Kartik | Kartik | Kartik | Kartik |
| Krushna | Waghmare | KW | — | KW | KW | KW | KW | KW | KW | KW | KW | KW |
| Krushnagopal | Agnihotri | KA | KA | KA | | KA | | KA | KA | KA | KA | KA |
| Manas | Pohnerkar | Manas | Manas | Manas | Manas | Manas | Manas | Manas | Manas | Manas | Manas | Manas |
| Om | Deshmukh | Deshmukh | Deshmukh | Deshmukh | Deshmukh | Deshmukh | Deshmukh | Deshmukh | Deshmukh | Deshmukh | Deshmukh | Deshmukh |
| Pankaj | Ubarhande | PU | PU | PU | PU | PU | PU | | PU | PU | PU | PU |
| Prajwal | Amle | PA | PA | PA | — | PA | PA | PA | PA | | PA | PA |

| Student Name | | 15-11-22 | 16-11-22 | 17-11-22 | 18-11-22 | 19-11-22 | 21-11-22 | 22-11-22 | 23-11-22 | 24-11-22 | 25-11-22 | 26-11-22 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pranav | Kawitkar | Pawitkar | Pawitkar | Pawitkar | Pawitkar | Pawitkar | Pawitkar | Pawitkar | Pawitkar | Pawitkar | Pawitkar | Pawitkar |
| Prashant | Palhade | Palhade | Palhade | Palhade | Palhade | Palhade | Palhade | Palhade | Palhade | Palhade | Palhade | Palhade |
| Pratik | Patil | Patil | Patil | Patil | Patil | Patil | Patil | Patil | Patil | Patil | Patil | Patil |
| Prem | Baraskar | Prem | Prem | Prem | Prem | Prem | Prem | Prem | Prem | Prem | Prem | Prem |
| Raman | Pachkhede | RP | | RP | RP | | RP | RP | RP | RP | RP | RP |
| Rushi | Sharma | RS | RS | RS | RS | RS | RS | RS | RS | RS | RS | RS |
| Sahil | Khandare | SK | | SK | SK | SK | | SK | SK | SK | SK | SK |
| Sanket | Rathod | | | | | | | | | | | |
| Shaikh | Aziz | | | | | | | | | | | |
| Shivcharn | Bodkhe | | | | | | | | | | | |
| Shubham | Suradkar | SB | SB | SB | SB | SB | SB | SB | SB | SB | SB | SB |
| Soham | Nawkar | SNaw | SNaw | SNaw | SNaw | SNaw | SNaw | SNaw | SNaw | SNaw | SNaw | SNaw |
| Trushabh | Hande | Thande | Thande | Thande | Thande | Thande | Thande | Thande | Thande | Thande | Thande | Thande |
| Vedant | Pawar | Pawar | Pawar | Pawar | Pawar | Pawar | Pawar | Pawar | Pawar | Pawar | Pawar | Pawar |
| Vedant | Dongre | VDongre | VDongre | VDongre | VDongre | VDongre | VDongre | VDongre | VDongre | VDongre | VDongre | VDongre |
| Vedant | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh | Ganesh |
| Yash | Raut | YRaut | YRaut | YRaut | YRaut | YRaut | YRaut | YRaut | YRaut | YRaut | YRaut | YRaut |

Patil

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## SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING,SHEGAON

Student Orientation and Induction Program Attendance

Session : 2022-23, Class : 1U2,

| Student Name | | 15-11-2022 | 16-11-2022 | 17-11-2022 | 18-11-2022 | 19-11-2022 | 21-11-2022 | 22-11-2022 | 23-11-2022 | 24-11-2022 | 25-11-2022 | 26-11-2022 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ku. Arpita | Mahale | Amahale | Amahale | Amahale | Amahale | Amahale | Amahale | Amahale | Amahale | Amahale | Amahale | Amahale |
| Ku. Bhagyashri | Harne | B. Harne | B Herne | B Herne | B. Harn | B Harn | B Herne | B Harn | B. Harn | B Harn | B. Harn | B Harn |
| Ku. Dhanashri | Borde | DBorde | DBorde | DBorde | DBorde | DBorde | D. Borde | DBorde | D Borde | D Borde | DBorde | D Bord |
| Ku. Gargi | Banarase | Gargi | Gargi | Gargi | Gargi | Gargi | Gargi | — | Gargi | Gargi | Gargi | Gargi |
| Ku. Gauri | Mankar | Gmanker | Gmanke | Gmanka | Gmank | — | Gmanke | Gmanker | Gmanke | Gmanka | Gmank | Gmanker |
| Ku. Janhvi | Kokwar | JK | JK | JK | JK | JK | JK | JK | JK | JK | JK | JK. |
| Ku. Mansi | Paraskar | MPark | MPark | MPark | MPar | MPark | MPark | MPark | MPark | MPar | — | MPar |
| Ku. Neha | Mhaske | Neha | Neha | Neha | Neha | | Neha | Neha | Neha | Neha | — | Neha |
| Ku. Neha | Bhut | | | | | | | | | | | |
| Ku. Omika | Chaudhary | Chaudhar | Chaudh | Chaudh | Chaudh | Chaudh | Chaudh | Chaudh | Chaudh | Chaudh | Chaudh | Chaudh |
| Ku. Pranjali | Damdhar | Pdamdh | Pdamdh | Pdamdh | Pdamdh | Pdamdh | Pdamdh | Pdamdh | Pdamdh | Pdamdh | Pdamdh | Pdamdh |
| Ku. Pratiksha | Dushetwar | prathisha | prathisha | prathisha | prathisha | prathisha | prathisha | prathisha | prathisha | prathisha | prathisha | prathisha |
| Ku. Radhika | Thakare | R | R | R | R | R | R | R | R | R | R | R |
| Ku. Renu | Bagdiya | R. | R. | R. | R. | R. | R. | R. | R. | R. | R. | R. |
| Ku. Rutuja | Balsaraf | Rbalsaf | Rbalsaf | Rbalsaf | Rbalsaf | Rbalsaf | Rbalsaf | Rbalsaf | Rbalsaf | Rbalsaf | Rbalsaf | Rbalsaf |
| Ku. Rutuja | Gadam | RGadam | RGadam | RGadam | RGadam | RGadam | RGadam | RGadam | RGadam | RGadam | RGadam | RGadam |
| Ku. Sakshi | Kalamb | Skalamb | Skalamb | Skalamb | Skalamb | Skalamb | Skalamb | Skalamb | Skalamb | Skalamb | Skalamb | Skalamb |
| Ku. Sakshi | Dadgal | SDadgal | SDadgal | SDadgal | SDadgal | SDadgal | SDadgal | SDadgal | SDadgal | SDadgal | SDadgal | SDadgal |
| Ku. Sakshi | Satao | S.S. Satao | S.S. Satao | S.S. Satao | S.S. Satao | S.S. Satao | S.S. Satao | S.S. Satao | S.S. Satao | S.S. Satao | S.S. Satao | S.S. Satao |
| Ku. Saloni | Magar | Smagar | Smagar | Smagar | Smagar | Smagar | Smagar | Smagar | Smagar | Smagar | Smagar | Smagar |
| Ku. Samruddhi | Bhakare | SBhak | SBhak | SBhak | SBhak | SBhak | SBhak | SBhak | SBhak | SBhak | SBhak | SBhak |
| Ku. Saniya | Sagane | SSagane | SSagane | SSagane | SSagane | SSagane | SSagane | SSagane | SSagane | SSagane | SSagane | SSagane |
| Ku. Shivani | Thorat | Shwant | Shwant | Shwant | Shwant | Shwant | Shwant | Shwant | Shwant | Shwant | Shwant | Shwant |

| Student Name | | 15-11-22 | 16-11-22 | 17-11-22 | 18-11-22 | 19-11-22 | 21-11-22 | 22-11-22 | 23-11-22 | 24-11-22 | 25-11-22 | 26-11-22 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ku. Shraddha | Gupta | Sgupta | Sgupta | Sgupta | Sgupta | Sgupta | Sgupta | Sgupta | Sgupta | Sgupta | Sgupta | Sgupta |
| Ku. Shreya | Tayade | | | | | | | | | | | |
| Ku. Shweteshwari | Solanke | | | | | | | | | | | |
| Ku. Srushti | Dabhade | | | | | | | | | | | |
| Ku. Srutika | Vir | Shir | Shir | Shir | Shir | Shir | Shir | Shir | Shir | Shir | Shir | Shir |
| Ku. Tapassu | Bagde | T.B | T.B | T.B | T.B | T.B | T.B | T.B | T.B | T.B | T.B | T.B |
| Ku. Vaishnavi | Deshmukh | | | | | | | | | | | |
| Ku. Vidhi | Bhade | Vidhi | Vidhi | Vidhi | Vidhi | Vidhi | Vidhi | Vidhi | Vidhi | Vidhi | Vidhi | Vidhi |
| Aditya | Awchar | | | | | | | | | | | |
| Akshay | Pahurkar | Apahur | Apahur | Apahur | Apahur | Apahur | Apahur | Apahur | Apahur | Apahur | Apahur | Apahur |
| Aman | Kodwani | | | | | | | | | | | |
| Amey | Joshi | Joshi | Joshi | Joshi | Joshi | Joshi | Joshi | Joshi | Joshi | Joshi | Joshi | Joshi |
| Aniket | Ingle | A | A | A | A | A | A | A | A | A | A | A |
| Atharva | Raut | | | | | | | | | | | |
| Atharva | Wankhade | Atharwal | Atharwal | Atharwal | Athar | Atharwal | Atharwal | Atharwal | Atharwal | Atharwal | Atharwa | Atharwa |
| Ayush | Thute | AThte | AThte | AThte | AThte | AThte | AThte | AThte | AThte | AThte | AThte | AThte |
| Ayush | Ardak | | | | | | | | | | | |
| Chetan | Tidake | Chetan | Chetan | Chetan | Chetan | Chetan | Chetan | Chetan | Chetan | Chetan | Chetan | Chetan |
| Devanshu | Mankar | Dmank | Dmank | Dmank | Dmank | Dmank | Dmank | Dmank | Dmank | Dmank | Dmank | Dmank |
| Hariom | Pundkar | | | | | | | | | | | |
| Hrishikesh | Kakade | HK | HK | HK | HK | HK | HK | HK | HK | HK | HK | HK |
| Kartik | Rane | | | | | | | | | | | |
| Krushna | Agrawal | Kagrawal | Kagrawal | Kagrawal | Kagra | Kagrawal | Kagrawal | Kagrawal | Kagrawal | Kagrawal | Kagrawal | Kagrawal |
| Laxman | Gadhe | Laxman | Laxman | Laxman | Laxma | Laxman | Laxman | Laxma | Laxman | Laxman | Laxman | Laxman |
| Nikhil | Junare | | | | | | | | | | | |
| Om | Raut | Omraut | Omraut | Omraut | Omraut | Omraut | Omraut | Omraut | Omraut | Omraut | Omraut | Omraut |
| Prajwal | Sangle | | | | | | | | | | | |
| Pranav | Kumbhare | pranK | pranK | pranK | pranK | pranK | pranK | pranK | pranK | pranK | pranK | pranK |
| Prasad | Borkar | Borkar | Borkar | Borkar | Borka | Borkar | Borkar | Borkar | Borkar | Borkar | Borkar | Borkar |
| Prathmesh | Patade | PPatade | PPatade | PPatade | PPatade | PPatade | PPatade | PPatade | PPatade | PPatade | PPatade | PPatade |

| Name of Student | | 15-11-22 | 16-11-22 | 17-11-22 | 18-11-22 | 19-11-22 | 21-11-22 | 22-11-22 | 23-11-22 | 24-11-22 | 25-11-22 | 26-11-22 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pratik | Tayde | Pratik | Pratik | pratik | pratik | pratik | Pratik | pratik | Pratik | Pratik | Pratik | Pratik |
| Prsheel | Singh | | | | | | | | | | | |
| Rohan | Raut | Rohan | Rohan | Rohan | Rohan | Rohan | Rohan | Rohan | Rohan | Rohan | Rohan | Rohan |
| Sachin | Khandare | | | | | | | | | | | |
| Sanket | Nage | | | | | | | | | | | |
| Saurabh | Gaikwad | | | | | | | | | | | |
| Shivam | Bhambere | Shivam | Shivam | Shivam | Shivam | Shivam | Shivam | Shivam | Shivam | Shivam | Shivam | Shivam |
| Shripad | Ingle | | | | | | | | | | | |
| Soham | Bhole | | | | | | | | | | | |
| Subodh | Chide | | | | | | | | | | | |
| Vedanshu | Bhole | | | | | | | | | | | |
| Vedant | Mahalle | | | | | | | | | | | |
| Vedant | Wadode | | | | | | | | | | | |
| Vishal | Sabe | | | | | | | | | | | |
| Yash | Dubey | | | | | | | | | | | |

Head
Dept.of Applied Sciences & Humanities
SSGMCE, Shegaon-444203

## SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING,SHEGAON

Student Orientation and Induction Program Attendance

**Session : 2022-23, Class : 1 Mechanical**

| Student Name | | 15-11-2022 | 16-11-2022 | 17-11-2022 | 18-11-2022 | 19-11-2022 | 21-11-2022 | 22-11-2022 | 23-11-2022 | 24-11-2022 | 25-11-2022 | 26-11-2022 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ku. Anushka | Unhale | | | | | | | | | | | |
| Ku. Ashwini | Harsule | | | | | | | | | | | |
| Ku. Divya | Chandle | | | | | | | | | | | |
| Ku. Gayatri | Bhore | | | | | | | | | | | |
| Ku. Kshitija | Deshmukh | | | | | | | | | | | |
| Ku. Neha | Mesare | | | | | | | | | | | |
| Ku. Prachi | Gawali | | | | | | | | | | | |
| Ku. Pragati | Sonone | | | | | | | | | | | |
| Ku. Sakshi | Bhosle | | | | | | | | | | | |
| Ku. Samiksha | Chendalane | | | | | | | | | | | |
| Ku. Samiksha | Dhoke | | | | | | | | | | | |
| Ku. Sanika | Deshmukh | | | | | | | | | | | |
| Ku. Sejal | Pahurkar | | | | | | | | | | | |
| Ku. Sharvari | Deshmukh | | | | | | | | | | | |
| Ku. Shravani | Joshi | | | | | | | | | | | |
| Ku. Shweta | Nalkande | | | | | | | | | | | |
| Ku. Sneha | Gite | | | | | | | | | | | |
| Ku. Sonal | Dongre | | | | | | | | | | | |
| Ku. Sonu | Rekhate | | | | | | | | | | | |
| Ku. Tanushree | Nemade | | | | | | | | | | | |
| Ku. Tejshvini | Sangole | | | | | | | | | | | |
| Ku. Unnati | Deshmukh | | | | | | | | | | | |
| Ku. Vaishnavi | Deshmukh | | | | | | | | | | | |

| | Student Name | | 15-11-22 | 16-11-22 | 17-11-22 | 18-11-22 | 19-11-22 | 21-11-22 | 22-11-22 | 23-11-22 | 24-11-22 | 25-11-22 | 26-11-22 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Ku. Vaishnavi | Umak | Umak | Umak | Umak | Umak | Umak | Umak | Umak | Umak | Umak | Umak | Umak |
| | Ku. Vaishnvi | Mirge | Mirge | Mirge | Mirge | Mirge | Mirge | Mirge | Mirge | Mirge | Mirge | Mirge | Mirge |
| | Abhijeet | Nanotkar | | | | | | | | | | | |
| | Abhishek | Khodre | Abhi | Abhi | Abhi | Abhi | Abhi | Abhi | Abhi | Abhi | Abhi | Abhi | Abhi |
| | Abhishek | Nimbalkar | | | | | | | | | | | |
| | Abhishek | Shelke | ABS | ABS | ABS | ABS | ABS | ABS | ABS | ABS | ABS | ABS | ABS |
| | Adinath | Gogate | Adinat | Adinat | Adinat | Adinat | Adinat | Adinat | Adinat | Adinat | Adinat | Adinat | Adinat |
| | Adinath | Udgirikar | Adinat | Adinat | Adinat | Adinat | Adinat | Adinat | Adinat | Adinat | Adinat | Adinat | Adinat |
| | Akash | Suralkar | A.G.Suralkar | A.G.Suralkar | A.G.Suralkar | A.G.Suralkar | A.G.Suralkar | A.G.Suralkar | A.G.Suralkar | A.G.Suralkar | A.G.Suralkar | A.G.Suralkar | A.G.Suralkar |
| | Aman | Ramagade | Ramagade | Ramagade | Ramagade | Ramagade | Ramagade | Ramagade | Ramagade | Ramagade | Ramagade | Ramagade | Ramagade |
| | Amit | Wankhade | Wankhade | Wankhade | Wankhade | Wankhade | Wankhade | Wankhade | Wankhade | Wankhade | Wankhade | Wankhade | Wankhade |
| | Anandrao | Damodar | ADD | ADD | ADD | ADD | ADD | ADD | ADD | ADD | ADD | ADD | ADD |
| | Atharv | Nage | ANage | ANage | ANage | ANage | ANage | ANage | ANage | ANage | ANage | ANage | ANage |
| | Atharva | Joshi | Joshi | Joshi | Joshi | Joshi | Joshi | Joshi | Joshi | Joshi | Joshi | Joshi | Joshi |
| | Devashish | Sadavarte | | | | | | | | | | | |
| | Devendra | Sawdekar | | | | | | | | | | | |
| | Gopal | Kolkar | Gopal | Gopal | Gopal | Gopal | Gopal | Gopal | Gopal | Gopal | Gopal | Gopal | Gopal |
| | Gunjan | Dhage | | | | | | | | | | | |
| | Harshal | Malik | Hmalik | Hmalik | Hmalik | Hmalik | Hmalik | Hmalik | Hmalik | Hmalik | Hmalik | Hmalik | Hmalik |
| | Hrutik | Kushwaha | H.S.Kushwaha | H.S.Kushwaha | H.S.Kushwaha | H.S.Kushwaha | H.S.Kushwaha | H.S.Kushwaha | H.S.Kushwaha | H.S.Kushwaha | H.S.Kushwaha | H.S.Kushwaha | H.S.Kushwaha |
| | Om | Dhage | Omdhage | Omdhage | Omdhage | Omdhage | Omdhage | Omdhage | Omdhage | Omdhage | Omdhage | Omdhage | Omdhage |
| | Prashant | Dhamode | Chandra | Chandra | Chandra | Chandra | Chandra | Chandra | Chandra | Chandra | Chandra | Chandra | Chandra |
| | Pratik | Kalskar | | | | | | | | | | | |
| | Rohit | Dautpure | | | | | | | | | | | |
| | Roshan | Sonone | | | | | | | | | | | |
| | Samarth | Paraskar | Paraskar | Paraskar | Paraskar | Paraskar | Paraskar | Paraskar | Paraskar | Paraskar | Paraskar | Paraskar | Paraskar |
| | Shivam | Mehenge | | | | | | | | | | | |
| | Shivshankar | Jadhav | Jadhav | Jadhav | Jadhav | Jadhav | Jadhav | Jadhav | Jadhav | Jadhav | Jadhav | Jadhav | Jadhav |
| | Soham | Pethe | SPethe | SPethe | SPethe | SPethe | SPethe | SPethe | SPethe | SPethe | SPethe | SPethe | SPethe |
| | Suyash | Pimple | | | | | | | | | | | |

| | Student Name | | 15-11-22 | 16-11-22 | 17-11-22 | 18-11-22 | 19-11-22 | 20-11-22 | 22-11-22 | 23-11-22 | 24-11-22 | 25-11-22 | 26-11-22 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Swayamchandra | Khadse | | | | | | | | | | | |
| | Vansh | Hedau | | | | | | | | | | | |
| | Vedant | Mate | | | | | | | | | | | |
| | Vijay | Sonune | | | | | | | | | | | |
| | Vikarm | Patil | | | | | | | | | | | |
| | Vinayak | Warade | | | | | | | | | | | |
| | Vishal | Sarkate | | | | | | | | | | | |
| | Vivek | Sawant | | | | | | | | | | | |
| | Yash | Tayade | | | | | | | | | | | |

Prof U Patil

Head
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## SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING,SHEGAON

Student Orientation and Induction Program Attendance

**Session : 2022-23, Class : 1S**

| Student Name | | 15-11-2022 | 16-11-2022 | 17-11-2022 | 18-11-2022 | 19-11-2022 | 21-11-2022 | 22-11-2022 | 23-11-2022 | 24-11-2022 | 25-11-2022 | 26-11-2022 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ku. Aachal | Masne | Present | Present | Present | Present | Present | Present | Present | Present | Present | Present | Present |
| Ku. Apekash | Sarode | AS | AS | AS | AS | AS | AS | AS | AS | AS | AS | AS |
| Ku. Arpita | Daberao | Arpita | Arpita | Arpita | Arpita | Arpita | Arpita | Arpita | Arpita | Arpita | Arpita | Arpita |
| Ku. Ayushi | Ghulaxe | AG | AG | AG | AG | AG | AG | AG | AG | AG | AG | AG |
| Ku. Divya | Chandak | Divya | Divya | Divya | Divya | Divya | Divya | Divya | Divya | Divya | Divya | Divya |
| Ku. Dnyaneshwari | Gawande | DG | DG | DG | DG | DG | DG | DG | DG | DG | DG | DG |
| Ku. Gauri | Nile | G.N | G.N | G.N | G.N | G.N | G.N | G.N | G.N | G.N | G.N | G.N |
| Ku. Gayatri | Deshmukh | | | | | | | | | | | |
| Ku. Janhavi | Wankhade | Janhavi | Janhavi | Janhavi | Janhavi | Janhavi | Janhavi | Janhavi | Janhavi | Janhavi | Janhavi | Janhavi |
| Ku. Lavanya | Gawade | L.G | L.G | L.G | L.G | L.G | L.G | L.G | L.G | L.G | L.G | L.G |
| Ku. Mrunali | Tale | M.T | M.T | M.T | M.T | M.T | M.T | M.T | M.T | M.T | M.T | M.T |
| Ku. Neha | Tayade | Neha-T | Neha-T | Neha-T | Neha-T | Neha-T | Neha-T | Neha-T | Neha-T | Neha-T | Neha-T | Neha-T |
| Ku. Nisarga | Solanke | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS |
| Ku. Pranali | Wankhade | P.W | P.W | P.W | P.W | P.W | P.W | P.W | P.W | P.W | P.W | P.W |
| Ku. Prerna | Patil | P.P | P.P | P.P | P.P | P.P | P.P | P.P | P.P | P.P | PP | PP |
| Ku. Purva | Nagapure | PN | PN | PN | PN | PN | PN | PN | PN | PN | PN | PN |
| Ku. Ruchita | Ghate | Rhuta | Rhuta | Rhuta | Rhuta | Rhuta | Rhuta | Rhuta | Rhuta | Rhuta | Rhuta | Rhuta |
| Ku. Sakshi | Raut | SR | SR | SR | SR | SR | SR | SR | SR | SR | SR | SR |
| Ku. Sakshi | Palaskar | SP | SP | SP | SP | SP | SP | SP | SP | SP | SP | SP |
| Ku. Sakshi | Awkale | | | | | | | | | | | |
| Ku. Sakshi | Vanve | SV | SV | SV | SV | SV | SV | SV | SV | SV | SV | SV |
| Ku. Samiksha | Shinde | SS | SS | SS | SS | SS | SS | SS | SS | SS | SS | SS |
| Ku. Sanika | Wadhokar | Sonali | Sonali | Sonali | Sonali | Sonali | Sonali | Sonali | Sonali | Sonali | Sonali | Sonali |

| | Student Name | | 15-11-22 | 16-11-22 | 17-11-22 | 18-11-22 | 19-11-22 | 21-11-22 | 22-11-22 | 23-11-22 | 24-11-22 | 25-11-22 | 26-11-22 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Ku. Sharayu | Shelke | Vkshelke | Vkshelke | Vkshelke | Vkshelke | Vkshelke | Vkshelke | Vkshelke | Vkshelke | Vkshelke | Vkshelke | Vkshelke |
| | Ku. Shruti | Yeul | Sryeul | Sryeul | Sryeul | Sryeul | Sryeul | Sryeul | Sryeul | Sryeul | Sryeul | Sryeul | Sryeul |
| | Ku. Simrankaur | Chavan | SC | SC | SC | SC | SC | SC | SC | SC | SC | SC | SC |
| | Ku. Sonal | Bhople | SB | SB | SB | SB | SB | SB | SB | SB | SB | SB | SB |
| | Ku. Vaishnavi | Raut | VRaut | VRaut | VRaut | VRaut | VRaut | VRaut | VRaut | VRaut | VRaut | VRaut | VRaut |
| | Ku. Vaishnavi | Dadgal | V.S. Dadgal | V.S. Dadgal | V.S. Dadgal | V.S. Dadgal | V.S. Dadgal | V.S. Dadgal | V.S. Dadgal | V.S. Dadgal | V.S. Dadgal | V.S. Dadgal | V.S. Dadgal |
| | Ku. Vaishnavi | Karale | Vkarale | Vkarale | Vkarale | Vkarale | Vkarale | Vkarale | Vkarale | Vkarale | Vkarale | Vkarale | Vkarale |
| | Ku. Vijaya | Shegokar | VSh | VSh | VSh | VSh | VSh | VSh | VSh | VSh | VSh | VSh | VSh |
| | Abhinay | Chapake | Amc | Amc | Amc | Amc | Amc | Amc | Amc | Amc | Amc | Amc | Amc |
| | Abhishek | Dhamode | Adhamode | Adhamode | Adhamode | Adhamode | Adhamode | Adhamode | Adhamode | Adhamode | Adhamode | Adhamode | Adhamode |
| | Abhishek | Adakane | AAdakane | AAdakane | AAdakane | AAdakane | AAdakane | AAdakane | AAdakane | AAdakane | AAdakane | AAdakane | AAdakane |
| | Aniruddha | Palaskar | APalaskar | APalaskar | APalaskar | APalaskar | APalaskar | APalaskar | APalaskar | APalaskar | APalaskar | APalaskar | APalaskar |
| | Arjun | Pachpor | APpor | APpor | APpor | APpor | APpor | APpor | APpor | APpor | APpor | APpor | APpor |
| | Atharv | Ingle | AIngle | AIngle | AIngle | AIngle | AIngle | AIngle | AIngle | AIngle | AIngle | AIngle | AIngle |
| | Ayush | Harne | AHarne | AHarne | AHarne | AHarne | AHarne | AHarne | AHarne | AHarne | AHarne | AHarne | AHarne |
| | Chetan | Raut | CR | CR | CR | CR | CR | CR | CR | CR | CR | CR | CR |
| | Darshan | Raut | DRaut | DRaut | DRaut | DRaut | DRaut | DRaut | DRaut | DRaut | DRaut | DRaut | DRaut |
| | Dhiraj | Nandan | DNandan | DNandan | DNandan | DNandan | DNandan | DNandan | DNandan | DNandan | DNandan | DNandan | DNandan |
| | Gaurav | Zade | GZade | GZade | GZade | GZade | GZade | GZade | GZade | GZade | GZade | GZade | GZade |
| | Harsh | Fulare | HFulare | HFulare | HFulare | HFulare | HFulare | HFulare | HFulare | HFulare | HFulare | HFulare | HFulare |
| | Harshal | Dutonde | HDutonde | HDutonde | HDutonde | HDutonde | HDutonde | HDutonde | HDutonde | HDutonde | HDutonde | HDutonde | HDutonde |
| | Himanshu | Karale | HKarale | HKarale | HKarale | HKarale | HKarale | HKarale | HKarale | HKarale | HKarale | HKarale | HKarale |
| | Hrushikesh | Shekharwar | HShekharwar | HShekharwar | HShekharwar | HShekharwar | HShekharwar | HShekharwar | HShekharwar | HShekharwar | HShekharwar | HShekharwar | HShekharwar |
| | Kalpak | Waghmare | KWaghmare | KWaghmare | KWaghmare | KWaghmare | KWaghmare | KWaghmare | KWaghmare | KWaghmare | KWaghmare | KWaghmare | KWaghmare |
| | Kunal | Pisudde | KPisudde | KPisudde | KPisudde | KPisudde | KPisudde | KPisudde | KPisudde | KPisudde | KPisudde | KPisudde | KPisudde |
| | Manthan | Kolte | M.S.Kolte | M.S.Kolte | M.S.Kolte | M.S.Kolte | M.S.Kolte | M.S.Kolte | M.S.Kolte | M.S.Kolte | M.S.Kolte | M.S.Kolte | M.S.Kolte |
| | Mohammad amaan | Aarif | Mmaan | Mmaan | Mmaan | Mmaan | Mmaan | Mmaan | Mmaan | Mmaan | Mmaan | Mmaan | Mmaan |
| | Nitin | Bhingare | NBhingare | NBhingare | NBhingare | NBhingare | NBhingare | NBhingare | NBhingare | NBhingare | NBhingare | NBhingare | NBhingare |
| | Om | Bhedurkar | OBhedurkar | OBhedurkar | OBhedurkar | OBhedurkar | OBhedurkar | OBhedurkar | OBhedurkar | OBhedurkar | OBhedurkar | OBhedurkar | OBhedurkar |

| | Student Name | | 15-11-22 | 16-11-22 | 17-11-22 | 18-11-22 | 19-11-22 | 21-11-22 | 22-11-22 | 23-11-22 | 24-11-22 | 25-11-22 | 26-11-22 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Ombramhatma | Dhumale | | | | | | | | | | | |
| | Palash | Belsare | | | | | | | | | | | |
| | Pranav | Harne | | | | | | | | | | | |
| | Pratik | Tayde | | | | | | | | | | | |
| | Rohan | Sarjekar | | | | | | | | | | | |
| | Rushikesh | Payghan | | | | | | | | | | | |
| | Sanket | Pandhare | | | | | | | | | | | |
| | Sarthak | Paraskar | | | | | | | | | | | |
| | Shambhu | Chavan | | | | | | | | | | | |
| | Shriyash | Bharade | | | | | | | | | | | |
| | Siddhesh | Tambekar | | | | | | | | | | | |
| | Sumit | Jumde | | | | | | | | | | | |
| | Tushar | Kharate | | | | | | | | | | | |
| | Vedant | Hiwale | | | | | | | | | | | |
| | Yash | Nemade | | | | | | | | | | | |
| | Yash | Kalyankar | | | | | | | | | | | |

Rajuspatil

Patil

Head
Dept.of Applied Sciences & Humanities
SSGMCE, Shegaon-444203

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON**

**Women Development Cell**

**Notice**

A women's cancer awareness and detection campaign have been organized for the female staff and students of, SSGMCE Shegaon.

Dr. Amitkumar Bagdia will guide the attendees and address their queries related to cancer.

All ladies staff and students are requested to attend the program.

Date: March 31, 2022

Time: 11:00 a.m. to 1:00 p.m.

Venue : Old Auditorium, SSGMCE Campus

Dr. A. U. Jawadekar

Member Secretary, WDC

Copy To: Hon Principal for information

All the Heads of the Department for information and NA

Members (WDC) for NA

SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON

# Women Development Cell

## Report on Cancer Awareness Program

Name of the Event: Cancer Awareness

Date: 31st March 2022

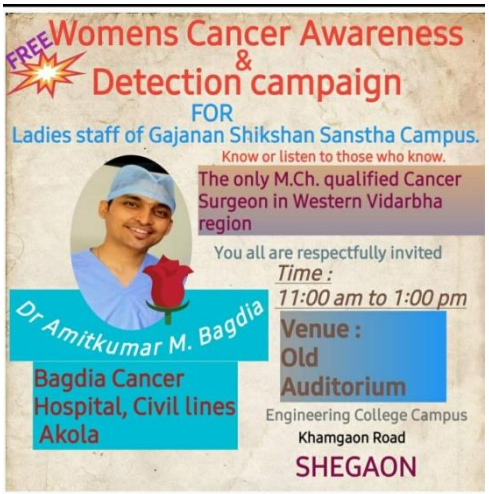
Time: 11:00 a.m. to 1:00 p.m.

Venue: Old Auditorium, SSGMCE Campus

Total Participants: 128

Introduction:

The Cancer Awareness Program at SSGMCE, held on 31st March 2022, aimed to disseminate crucial information about cancer to both staff and students. The program, organized by the Women's Development Cell (WDC) SSGMCE in collaboration with SSGM English School, was designed to emphasize the importance of early detection, preventive measures, and overall cancer awareness.



Guest Speaker

Renowned oncologist and healthcare professional, Dr. Amitkumar Bagdia, was invited to deliver informative sessions on various cancer-related topics, including prevention, early detection, and available treatments.

Program Objectives

The primary objectives of the Cancer Awareness Program were as follows:

Educate About Various Types of Cancer:

The program aimed to enhance awareness among staff and students regarding the diverse types of cancer, fostering a better understanding of the disease.

Highlight the Significance of Early Detection and Regular Screenings:

Emphasizing the critical role of early detection and regular screenings, the program encouraged proactive healthcare practices.

Promote a Healthy Lifestyle and Preventive Measures Against Cancer:

The initiative sought to promote a healthy lifestyle, advocating for preventive measures that contribute to minimizing the risk of cancer.

Address Common Misconceptions and Myths about Cancer:

Recognizing the prevalence of misconceptions and myths surrounding cancer, the program aimed to dispel such misinformation, fostering a more accurate understanding of the disease.

Interactive Session

Dr. Bagdia addressed the doubts of the participants, making the session highly interactive and ensuring its resounding success. The positive feedback received from participants indicates the potential for future health-related initiatives within the college community.

Conclusion

The Cancer Awareness Program at SSGMCE was a significant step in educating and raising awareness about cancer. Dr. Amitkumar Bagdia's insights and the interactive nature of the session contributed to its success. This program marks the beginning of an on-going commitment to health education and awareness at SSGMCE.

Dr. A. U. Jawadekar

Member Secretary, WDC

A

Report

on

# “Discovery of Inner World Through Himalayan Meditation “

## Student Orientation and Induction Program

**Academic Year 2022-23**

Shri Sant Gajanan Maharaj College of Engineering,
Khamgaon Road, Shegaon, Dist: Buldhana

| Sr No | Title of Activity | Discovery of Inner World Through Himalayan Meditation<br>Student Orientation and Induction Program |
|---|---|---|
| 1 | Speaker | Shri. Ashish Kalawar, Ex Pramukh Aacharya |
| 2 | Co-Ordinator | Prof H.S.Patil |
| 3 | Co-Coordinator | Dr.A.S.Tale |
| 4 | Schedule of Activity | Started from 26-11-2022<br>at 9:00 am -10:00 am Total **1** Hr. |
| 5 | Time | As per the schedule mentioned in Student Orientation and Induction Training and notice |
| 6 | Objective of Activity | **1.** Provide a comprehensive introduction to the concept and principles of Himalayan Meditation.<br>**2.** Explore the historical and cultural significance of meditation practices in the Himalayan region.<br>**3.** Define the concept of the inner world and its relevance to personal well-being.<br>**4.** Introduce various Himalayan meditation techniques, such as mindfulness, breath awareness, and mantra meditation. |
| 7 | Venue | **Auditorium** |
| 8 | No. of Beneficiaries | Total- **450** |
| 9 | Syllabus/Topics | Discovery of Inner World Through Himalayan Meditation |

**About Program**:

The primary aim of this program is to ensure that students feel comfortable, informed, and supported as they embark on their academic journey at the institution.

**Speaker Profile:** Shri. Ashish Kalawar, Ex Pramukh Aacharya

**Topics Covered:** "Discovery of Inner World Through Himalayan Meditation"

**Learning Outcomes**:

1. **Stress Reduction:** Learning about meditation techniques empowers students to manage stress effectively, promoting mental well-being and emotional balance amidst academic pressures.
2. **Improved Concentration and Focus:** Regular meditation practice enhances students' ability to concentrate, focus, and sustain attention, leading to improved academic performance and productivity.
3. **Enhanced Emotional Regulation:** Meditation helps students develop emotional resilience, allowing them to better regulate emotions, handle conflicts, and maintain a positive mindset.
4. **Better Sleep Patterns:** Practicing meditation techniques can improve sleep quality by reducing insomnia, enhancing relaxation, and promoting better sleep habits.
5. **Mindfulness and Awareness:** Students learn mindfulness through meditation, enhancing their present-moment awareness, observation skills, and ability to stay grounded amidst distractions.
6. **Strengthened Mental Health:** Introduction to meditation fosters mental resilience, reduces anxiety, and helps in managing symptoms of depression, contributing to overall mental health.
7. **Increased Self-Awareness:** Meditation encourages self-reflection, aiding students in understanding their thoughts, emotions, and behaviors, leading to greater self-awareness.

**Program Contents:**
Shri. Ashish Kalawar talked about the 8 steps of "Ashtanga Yoga" and asked everyone whether they do yoga or not. He started by explaining an example which results in "If you are consistently positive, you can achieve your goals". Meditation is living in a "Present Moment".

He suggested doing "Sky Gazing" before studying for the removal of disturbing thoughts, having to do one thing at a time. He engaged few activities on the statement "Your mind is a magnet".
He lastly took meditation for 5 min and the session ended with questions & answers. Students did meditation as suggested by him and experienced the impact of meditation. It was a wonderful session on Yoga and Meditation.

Shri Sant Gajanan Maharaj College of Engineering
SHEGAON
444 203

PRINCIPAL
Shri Sant Gajanan Maharaj
College of Engineering,Shegaon.

# Shri Sant Gajanan Maharaj College of Engineering, Shegaon

## Department of Electrical Engineering

**The Institution of Engineers (India)**
**Department of Electrical Engineering Students' Chapter**
**Academic Year 2022-23**

**NOTICE**

Date: 12-09-2022

All the B.E. Third and Final Year Electrical Engineering students are hereby informed that IEI - Department of Electrical Engineering Students' Chapter has organizedan online Expert Talk on **"Affordable and Clean Energy – The New Paradigm of Sustainable Development & Role of Electrical Engineers"** byDr.D.P.Kothari (Former Director, IIT Delhi, Ph.d., FNAE, FNASc, Fellow-IEEE, LMISTE, Hon Fellow-ISTE)

**Date of webinar:** 15th September2022
**Time:** 12.00 PM to 01.00 PM
**Organized by:** IEI – Department of Electrical Engineering Students' Chapter, SSGMCE Shegaon
**Platform:**Microsoft Teams
**Online Link:** https://teams.microsoft.com/l/meetup-join/19%3aa23dd467e54d489fbc22c0bc9647c97a%40thread.tacv2/1663139349807?context=%7b%22Tid%22%3a%22148ce7d9-1ede-4db1-ae87-f7d4195012ea%22%2c%22Oid%22%3a%22ff0083fb-8842-46f1-9f7d-c0aff9e7714e%22%7d

| | | |
|---|---|---|
| Mr. P. R. Dhabe<br>Faculty Advisor | Mr. P. R. Bharambe<br>Faculty Advisor | Head,<br>ELPO Dept. |

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON**

**Institution of Engineers, India**

**Department of Electrical Engineering Students' Chapter**

**Expert Talk on**

**Affordable and Clean Energy - The New Paradigm of Sustainable Development & Role of Electrical Engineers**

**Date - 15th September 2022** **Time - 12:00 PM Onwards**

**Speaker - Dr. D. P. Kothari**

**(Former Director, IIT Delhi)**

| Roll No. | Student Name | Sign |
|---|---|---|
| 1 | Ku. Aishwarya Bhagwat Tayade | |
| 2 | Ku. Aishwarya Madhav Kathole | |
| 3 | Ku. Akanksha Raman Nardange | |
| 4 | Ku. Ankita Ajay Madiwale | |
| 5 | Ku. Apurva Ashok Dabhade | |
| 6 | Ku. Deepali Vijay Kharate | |
| 7 | Ku. Gauri Gunvant Masne | |
| 8 | Ku. Gayatri Govinda Masne | |
| 9 | Ku. Gayatri Mangesh Eadaskar | |
| 10 | Ku. Harsha Dnyaneshwar Lande | |
| 11 | Ku. Homeshwari Chandrakant Deotale | |
| 12 | Ku. Majushri Shyam Narwade | |
| 13 | Ku. Mayuri Rajesh Kharpate | |
| 14 | Ku. Neha Prashant Akhade | |
| 15 | Ku. Prachi Keshao Chafale | |
| 16 | Ku. Pranali Vijay Kharate | |
| 17 | Ku. Revati Keshav Borde | |
| 18 | Ku. Rutuja Ravindrakumar Hirade | |
| 19 | Ku. Sakshi Anilpant Aware | |
| 20 | Ku. Sejal Premkumar Hattel | |
| 21 | Ku. Shreya Shirish Dambe | |
| 22 | Ku. Tanuja Nilesh Wankhade | |
| 23 | Ku. Tejal Chandrashekhar Thakare | |
| 24 | Ku. Tejaswini Sanjay Masne | |
| 25 | Ku. Vaishnavi Gopal Maharkhede | |
| 26 | Ku. Vaishnavi Ramchandra Urkude | |
| 27 | Ku. Vaishnavi Subhash Bhalerao | |
| 28 | Ku. Vrushalee Uttam Garve | |
| 29 | Abhijeet Vinayak Solanke | |
| 30 | Abhishek Arunrao Deshmukh | |
| 31 | Abhishek Vinod Bathe | |
| 32 | Aditya Shivshankar Dhoran | |
| 33 | Akshay Gajanan Bathe | |
| 34 | Amit Suresh Bahekar | |
| 35 | Aniket Gajanan Patekar | |
| 36 | Anuroop Sunil Jadhav | |
| 37 | Bhushan Dipak Gandhi | |
| 38 | Chinmay Rambhau Patil | |

| Roll No. | Student Name | Sign |
|---|---|---|
| 39 | Faizankhan Shahidkhan Pathan | |
| 40 | Fakira Azhar Ismail | |
| 41 | Gaurav Gajanan Khedkar | |
| 42 | Gaurav Ramkrushna Ghenge | |
| 43 | Gaurav Ravindra Kedar | |
| 44 | Harish Ashok Thokane | |
| 45 | Harshal Chakradhar Shegokar | |
| 46 | Harshal Sunil Shelke | |
| 47 | Hitesh Deochand Chandewar | |
| 48 | Jayesh Sukhadeo Bansod | |
| 49 | Jayesh Valmik Pingale | |
| 50 | Kaushal Dave | |
| 51 | Krushna Sanjay Deore | |
| 52 | Kunal Bhaskarrao Badhe | |
| 53 | Kunal Sunil Gunjal | |
| 54 | Nishant Keshavrao Matode | |
| 55 | Parth Dineshrao Gawande | |
| 56 | Prajwal Devendra Thakare | |
| 57 | Prajwal Shivrao Deshmukh | |
| 58 | Prasanna Sachin Jadhav | |
| 59 | Prathamesh Ravi Kalpande | |
| 60 | Pratik Bhagwan Maghade | |
| 61 | Pratik Sunil Hiralkar | |
| 62 | Rahul Dilip Deshmukh | |
| 63 | Rahul Ratan Katore | |
| 64 | Rohan Ajay Paralikar | |
| 65 | Sanket Narendra Wankhade | |
| 66 | Saqulain Nazir Bhat | |
| 67 | Saurabh Nandkishor Satao | |
| 68 | Saurav Namdev Umale | |
| 69 | Shriprasad Ravindra Gawande | |
| 70 | Shrunkhal Sudhir Bambode | |
| 71 | Suraj Babarao Wagh | |
| 72 | Tejas Nagorao Bhoinwad | |
| 73 | Uday Prabhakar Deshmukh | |
| 74 | Vaibhav Bharat Wankhade | |
| 75 | Vishvajeetsing Majbutsing Solanke | |
| 76 | Yashkumar Dinesh Rathod | |
| 77 | Yashwant Gopal Dahibhat | |

Faculty Advisor (IEI)

SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON 35

Institution of Engineers, India

Department of Electrical Engineering Students' Chapter

**Expert Talk on -**

**Affordable and Clean Energy - The New Paradigm of Sustainable Development & Role of Electrical Engineers**

**Date - 15th September 2022** **Time - 12:00 PM Onwards**

**Speaker - Dr. D. P. Kothari**

**(Former Director, IIT Delhi)**

| Roll No. | Student Name | Sign |
|---|---|---|
| 1 | Ku. Avanti Sudesh Nachankar | |
| 2 | Ku. Bhargavi Sanjay Hirulkar | |
| 3 | Ku. Gauri Santosh Murkar | |
| 4 | Ku. Gauri Satishkumar Jayale | |
| 5 | Ku. Janvi Dipaksingh Rajput | |
| 6 | Ku. Kalyani Dilip Raut | |
| 7 | Ku. Khushi Anand Ingle | |
| 8 | Ku. Mrudula Gajanan Belsare | |
| 9 | Ku. Nandini Tejrao Ranit | |
| 10 | Ku. Neha Dhansing Jadhao | |
| 11 | Ku. Nikita Digambar Jadhav | |
| 12 | Ku. Nikita Vinod Kalore | |
| 13 | Ku. Pallavi Sanjay Karale | |
| 14 | Ku. Poonam Arun Take | |
| 15 | Ku. Pranali Vijay Patil | |
| 16 | Ku. Prerna Shyamkumar Surjuse | |
| 17 | Ku. Radhika Pramod Deshmukh | |
| 18 | Ku. Rupali Narendra Ingle | |
| 19 | Ku. Sakshi Ganesh Awchar | |
| 20 | Ku. Sakshi Prakash Jungade | |
| 21 | Ku. Sakshi Raju Sondkar | |
| 22 | Ku. Sejal Dnyaneshwar Jadhav | |
| 23 | Ku. Shreya Mohanrao Nemade | |
| 24 | Ku. Shreya Prashant Dipke | |
| 25 | Ku. Shruti Sanjay Thakare | |
| 26 | Ku. Vaishali Gajanan Tayade | |
| 27 | Ku. Vaishnavi Ambadas Sushir | |
| 28 | Ku. Vaishnavi Suresh Khedkar | |
| 29 | Abhishek Sanjay Kalyankar | |
| 30 | Aditya Gopalrao Kalanke | |
| 31 | Amogh Mukunda Jaronde | |
| 32 | Balaji Namdev Limbalkar | |
| 33 | Charul Mohan Palkar | |
| 34 | Chetan Ashokrao Ambalkar | |
| 35 | Deep Shirish Dhumane | |
| 36 | Devashish Diwakar Kadukar | |
| 37 | Dnyaneshwar Gajanan Jadhav | |
| 38 | Harsh Shalikrao Sontakke | |

| Roll No. | Student Name | Sign |
|---|---|---|
| 39 | Harshal Ganesh Sawale | |
| 40 | Jatin Mahadeo Ghage | |
| 41 | Junedkhan Jamsheed Khan | |
| 42 | Kundan Ramesh Nimbokar | |
| 43 | Lokesh Sanjay Raut | |
| 44 | Mrunal Bharat Zine | |
| 45 | Naveen Laxmikant Tiwari | |
| 46 | Om Gajanan Shelke | |
| 47 | Om Gunwant Bayaskar | |
| 48 | Parth Narayan Shahagadkar | |
| 49 | Pawan Shivlal Nemane | |
| 50 | Prajwal Diliprao Bidkar | |
| 51 | Prajwal Prakash Donge | |
| 52 | Prajwal Shrikrushna Pise | |
| 53 | Prasad Laxman Wadodkar | |
| 54 | Prasad Santosh Deo | |
| 55 | Pratham Santosh Rathod | |
| 56 | Prathamesh Anil Potdar | |
| 57 | Pratik Anil Asolkar | |
| 58 | Pratik Ravindra Gawai | |
| 59 | Pulkit Ashokrao Gaikee | |
| 60 | Rohan Avinash Pawar | |
| 61 | Rohan Homraj Kamdi | |
| 62 | Sahil Pramod Shahane | |
| 63 | Saiyyed Riyaz Saiyyedaziz | |
| 64 | Shivam Himmatrao Masotkar | |
| 65 | Shreyas Gajanan Patil | |
| 66 | Shreyas Rajendra Tayade | |
| 67 | Shreyash Vishvasrao Ghuge | |
| 68 | Shripad Deepak Gawande | |
| 69 | Shubham Dwarkadas Changal | |
| 70 | Sopan Punjaji Wankhade | |
| 71 | Swapnil Ambadas Sanap | |
| * 72 | Swetal Harendra Andraskar | |
| 73 | Vinit Chandragupta Jagtap | |
| 74 | Vishal Sudhakar Munde | |
| 75 | Vivek Ashokrao Bende | |
| 76 | Yash Devanand Ingale | |
| 77 | Yash Laxman Gajbhiye | |
| 78 | Yash Shyamkumar Sharma | |

Faculty Advisor (IEI)

# Shri Sant Gajanan Maharaj College of Engineering, Shegaon

## Department of Electrical Engineering

**The Institution of Engineers (India)**
**Department of Electrical Engineering Students' Chapter**
**Academic Year 2022-23**

**EVENT REPORT**

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Online Expert Talk on **"Affordable and Clean Energy – The New Paradigm of Sustainable Development & Role of Electrical Engineers"**

**Name of Speaker:** Dr.D.P.Kothari (Former Director, IIT Delhi, Ph.d., FNAE, FNASc, Fellow-IEEE, LMISTE, Hon Fellow-ISTE)
**Target Group:** Third &Final Year B.E. Electrical Engineering Students
**Date of webinar:** 15-09-2022
**Time:** 12:00 PM to 01:00 PM
**Platform:** Microsoft Teams
**Organized by**: IEI – Department of Electrical Engineering Students' Chapter, SSGMCE Shegaon
**Number of Beneficiaries:** 120
**Program outcomes Addressed:** PO1,PO6, PO7, PO8, PO10, PO12

| | | |
|---|---|---|
| Mr. P. R. Dhabe<br>Faculty Advisor | Mr. P. R. Bharambe<br>Faculty Advisor | Head,<br>ELPO Dept. |

# Shri Sant Gajanan Maharaj College of Engineering, Shegaon

## Department of Electrical Engineering

**The Institution of Engineers (India)**
**Department of Electrical Engineering Students' Chapter**
**Academic Year 2022-23**

## EVENT REPORT

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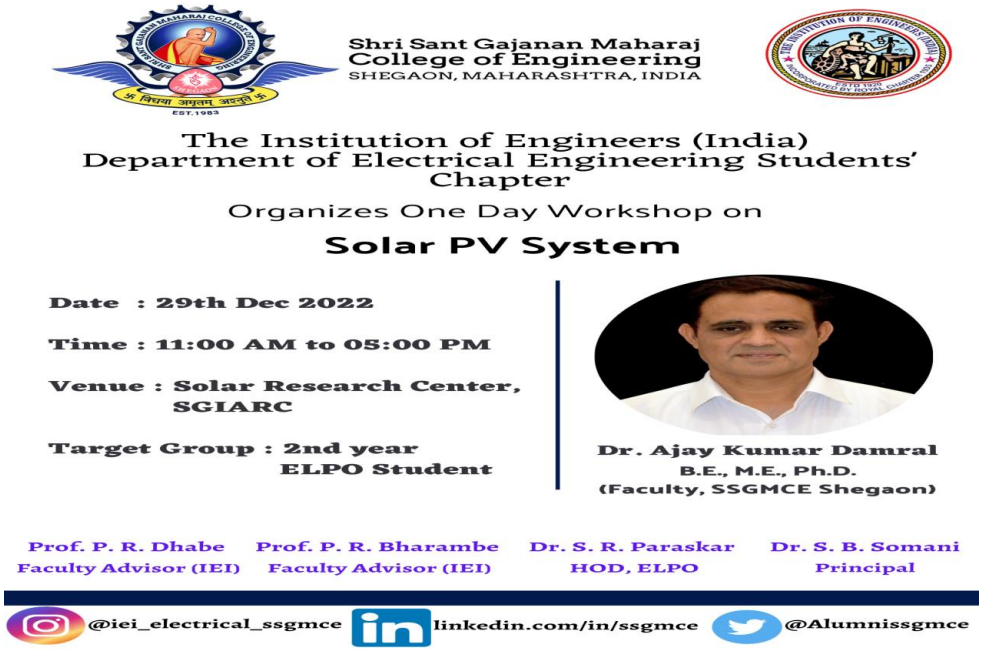
One-Day Workshop**"Solar PV System"**




**Name of Resource Person:** Dr. Ajaykumar Damral (B.E., M.E., Ph.D., Faculty SSGMCE).
**Target Group:** Second Year B.E. Electrical Engineering Students
**Duration of Workshop:** 29th December 2022
**Time:** 11:00 AM to 05:00 PM
**Venue:** Solar Research Centre, SGIARC, SSGMCE Shegaon
**Organized by**: IEI – Department of Electrical Engineering Students' Chapter, SSGMCE Shegaon
**Number of Beneficiaries:** 50
**Program outcomes Addressed:** PO1,PO2, PO3, PO4, PO5, PO9, PO10, PO12

| | | |
|---|---|---|
| Mr. P. R. Dhabe<br>Faculty Advisor | Mr. P. R. Bharambe<br>Faculty Advisor | Head,<br>ELPO Dept. |

**IEEE- WIE Affinity Group Bombay Section and IEEE WIE Student Branch Affinity Group SSGMCE Shegaon**

**REPORT ON**

**Panel Discussion on Women Empowerment: Work, Health and Society**

The event "**Women empowerment: work, health and society"** was conducted on March 8 ,2021 on the special occasion of international Women's day in the afternoon at 3 pm ,via online platform "Cisco Webex" . The event was held under the presence of Dr**. Varsha Turkar,** Chair IEEE WIE AG Bombay section and **Dr. S. B. Somani,** Principal SSGMCE Shegaon**.** It was led and executed by the **IEEE WIE AG Bombay Section and IEEE WIE SBAG SSGMCE Shegaon** team under the Guidance of Conveners Dr.Varsha **Turkar (**chair IEEE WIE AG Bombay Section**)** and **Komal Vyas (Thanvi) (**Faculty Adviser IEEE WIE SBAG SSGMCE Shegaon**)**. The Moderator for the event was **Dr. Sangita Chaudhari (**Vice-Chair IEEE WIE AG Bombay Section**)**.

The Resource person and attraction of the event were **Dr. Mrs. R. Srivaramangai**, HOD IT Dept., University of Mumbai, **Zarin Gupta,** Founder Trustee and Chairperson Salaam Baalak Trust, Mumbai , **Sharayu Sagar**, Life and Happiness Coach, A Life Sparker, **Purushottam Pendsey,** senior Technocrat and one of the Founder of Computer Hardware Education in Vidarbha region. The main focus of the event was why "Women Empowerment" is needed? It is needed so that Women can get active involvement in every sphere of life. Audience took great interest in the event.

The event started with a Welcome Note by **Dr. Varsha Turkar** and Opening remarks by **Mr. S. B. Somani sir** , Later introduction to panelists was done by **Prof. Komal Vyas (Thanvi). Miss. Amruta bobade,** student member IEEE WIE SBAG SSGMCE Shegaon was the anchor for the entire event.

Then the panel discussion was started with the words of **Dr. R. Shrivaramangai. S**he shared her views on 'challenges faced by the girls in higher education', How societies low mind set affect on girls education. Most important that was highlighted was that women have made great gains in higher education and now earning more Degrees than men. She lauded the modern women as they are prospering equally well along with men and competing with men in all fields.

The panelist was **Zarin Gupta.** She shared her views on 'Reproductive health and Empowerment of Women'. She told Women empowerment is to motivate and develop women by promoting their participation in all areas and sectors, to build stronger economies, improve their quality of life and bring gender equality with an equal amount of opportunities. Also she highlighted women's health challenges, including deaths due to pregnancy and childbirth, unwanted pregnancy, abortion etc. She also briefed how Women's Empowerment and their participation have significant positive effects on health and quality of life in the community and Family.

Third panelist was **Sharayu Sagar** and she shared her views on 'Happiness by design'. She told about are examples of women who inspired her a lot. She guided us about how woman can achieve her dreams if she worked for it. She also highlighted about how women should step out of their comfort zones to achieve more, for their own benefit and other women's benefit.

Fourth panelist was **Mr.Purushottam Pendsey Sir** and. He guided about 'Fundamental rights and development schemes towards women empowerment'. He told about Beti Bachao Beti Padhao and Stand up India where women entrepreneurs and entrepreneurs from marginalized community are given loans for start ups.

Later Event moderator Dr. Snagita Chaudhari conducted question answer session. Audience had posted their queries in the chat window throughout the session which were asked by Dr. Sangita to panelists.

Lastly **Miss. Mansi More** delivered the vote of Thanks and the event was concluded successfully.

Prof. Komal Vyas (Thanvi)

**IEEE WIE AG Bombay Section and**
**IEEE WIE SBAG SSGMCE Shegaon**
**Presents**

Panel Discussion on

# Women Empowerment : Work , Health and Society

March 8 , 2021.
3pm to 5pm

**Register for Free :**

Register Now https://tinyurl.com/WIE-Woman-Empowerment

**E-certificates will be provided after successful particiption**

## Moderators

**Dr. Sangita Chaudhari**
Vice-Chair,
IEEE WIE AG Bombay Section

**Dr. Amoli Belsare**
Secretary,
IEEE WIE AG Bombay Section

## Conveners

**Dr. Varsha Turkar**
Chair,
IEEE WIE Bombay Section

**Prof. Komal Vyas**
Faculty Adviser,
IEEE WIE SBAG SSGMCE Shegaon

## Panelists

**Dr. (Mrs) R. Srivaramangai**
HOD IT Dept. , University of Mumbai
Advisory Member to
Cyber Crime Cell of Maharashtra Police

**Zarin Gupta**
Founder Trustee and Chairperson,
Salaam Baalak Trust, Mumbai.

**Sharayu Sagar**
Life and Happiness Coach
A Life Sparker

**N. M. Joshi**
Retired Journalist
Member of BOS in Journalism and
Public administration, Amravati University

**Student Coordinators**
**Payal Rathi : 9359917614**
**Shreya Gaikwad : 9511762159**

# SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON

## Report On

## Guest lecture on "Women and Law"

**Name of the event: Guest lecture (Topic: Women and Law)**

**Date of the event:** 2th March 2023

**Location of the event:** Swadhyay Kaksha

**Number of people attending:** 100 girls

**Sponsoring organization:** IEEE WIE Students' Branch

Team IEEE WIE Student Branch of SSGMCE organised an event. Adv. Rajani Bawaskar ma'am gave a guest lecture on "Women and Law".

Under the direction of Dr. A. U. Jawdekar, ma'am (Head Co-ordinator of Women Development Cell), Dr. P. R. Wankhede, (IEEE Branch Counsellor), K. S. Vyas, ma'am (Faculty Advisor of WIE-IEEE) and academic personnel, the event was launched. Adv. Rajani Bawaskar ma'am was welcomed and honoured before the programme got underway at 6:00 p.m.

After that, Adv. Rajani Bawaskar ma'am addressed the group with some insightful remarks and life lessons. Ma'am went over a number of laws protecting women from rape, sexual assault, and other such crimes. She gave us advice on how to protect ourselves and the women around us from such harassment. She gave us examples of numerous incidents, including rape, dowry, sexual assaults, and the law that governs such assaults. The discussion was extremely instructive and motivating. After then, Miss Nikita Jadhav gave a thank-you speech to wrap up the programme. Around 7:30 pm, the event was over.

In end of the guest lecture refreshments were also provided.

The event was concluded by a valedictory program at 8:00 pm.

**Faculty advisor: Prof. Komal Vyas (IEEE-WIE SBAG)**

**Dr. A U Jawadekar (Coordinator WDC)**

**Guest Lecture by :**
**Adv. Rajani**

Assistant Govt Pleader
Addl Public Prosecutor
Sessions Court Khamgaon

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON**

**Women Development Cell**

**Notice**

The Women's Development Cell (WDC) at SSGMCE, Shegaon, is pleased to announce an insightful talk by Women Rights Activist Nargis Taraki, the iWoman Global Awardee of 2020. The talk is scheduled for December 24th, 2021, and will be conducted in online mode via the Microsoft Teams platform.

Nargis Taraki, hailing from a deprived community in Afghanistan, has overcome significant challenges to establish herself as a proponent of equal rights and a visionary for a brighter future. Her life experiences, marked by hardship, struggles, and challenges, have fueled her commitment to positive change, particularly in the realms of equal rights and gender equality. She has been a vocal advocate for women's education, health, and empowerment. Despite facing numerous obstacles, enduring pain, suffering, and the loss of loved ones, she has remained resilient, emerging as a prominent force.

Do not miss the opportunity to hear her heart-touching story.

To register for the event, please click on the following link: https://bit.ly/ssgmcoe

*The link to join the talk will be sent to you via email.

Dr. A. U. Jawadekar Member

Secretary, WDC

Copy To: Hon Principal for information

All the Heads of the Department for information and

NA Members (WDC) for NA

SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON

# Women Development Cell

## Report on Talk by Women Rights Activist Nargis Taraki

Date of the event: 24th December 2021

Organized by: Women's Development Cell, SSGMCE

Topic: Light After Darkness

The Women's Development Cell at SGMCE, Shegaon, organized an online talk featuring Women Rights Activist Nargis Taraki (iWoman Global Awardee 2020) on December 24th, 2021, exclusively for the students of SSGMCE. The lecture was hosted on the Microsoft Teams platform.

Initially, Prof. Komal Vyas gave a brief introduction to the guest. Dr. SB Somani, Principal of SSGMCE, delivered a warm welcome address, extending heartfelt greetings to Nargis Taraki for the session.

Nargis Taraki, who hails from a deprived community in Afghanistan, shared her journey of overcoming adversities to establish herself as a champion for equal rights and a visionary for a brighter future. She recounted her hardships, struggles, and life challenges, which fuelled her determination for positive change in the realms of equal rights and gender equality. Advocating for women's education, health, and empowerment, she emphasized that despite life's numerous challenges, sorrows, and the loss of loved ones, she never lost hope. Her resilience allowed her to overcome everything meant to destroy her, emerging as a prominent force.

The students were deeply moved and overwhelmed by her touching story. The talk concluded with an interactive session, providing students with an opportunity to engage directly with the speaker.

At the end, Prof. Kalyani Sable proposed the vote of thanks.

Welcome speech by Dr S.B.Somani

Nargis Taraki Delivering a talk

Dr. A. U. Jawadekar

Member Secretary, WDC

# Information Report
# Of
# NATIONAL CADET CORPS (NCC)
# Year-2022-2023
# SSGMCE SHEGAON

**Aims of NCC**

- To develop character, comradeship, discipline, leadership, secular outlook, spirit of adventure and the ideals of selfless service amongst the youth of the country.
- To create a human resource of organized, trained and motivated youth, to provide leadership in all walks of life and always available for the service of the nation.
- To provide a suitable environment to motivate the youth to take up a career in the Armed Forces.

In year 1993 NCC unit was started in our college which is attached to 3MAH. SIGNAL COMPONY AMRAVATI with Enrolled Strength of 54 cadets.

**ACTIVITIES OF THE YEAR 2022-2023**

| Sr. no | Activity | Date of Activity | Participation Strength |
|---|---|---|---|
| 1. | Inter-National Yoga Day | 21 June 2022 | 36 |
| 2. | Re-Enrollment | 23 Aug 2022 | 18 |
| 3. | Motivation Campaign To BE II Yrs Boys | 24 Aug 2022 | 50 |
| 4. | New Enrollment and Registration | 26 Aug 2022 | 18 |
| 5. | Commencement of Training Parade | 26 Aug 2022 | 36 |
| 6. | Training Parade | WED,THURSDAY | 36 |
| 7. | Annual Training Camp CATC-I Amravati | Sept 2022 | 18 |
| 8. | Independent Day Parade | 15 Aug 2022 | 18 |
| 9. | Annual Training Camp CATC-II | Oct 2022 | 18 |

| | | | |
|---|---|---|---|
| | Cleanliness Drive<br>Digital Awareness Campaign | 2 OCT 2022 | 36 |
| 11. | Trekking Camp | Dec 2022 | 04 |
| 12. | NCC Day Celebration | 25 Nov 2022 | Shegaon Town Level |
| 13. | Youth Day Celebration | 12 Jan 2023 | 36 |
| 14. | Republic Day Celebration | 26 Jan 2023 | 36 |
| 15. | Certificate Examination Cadre | Feb 2023 | 26 |
| 16. | B Certificate Examination | Feb 2023 | 18 |
| 17. | C Certificate Examination | Feb 2023 | 18 |

**Achievements : -Examination Result:-**

| Examination | 2021-22 | 2022-23 |
|---|---|---|
| B-CERT | 07 | 07 |
| C-CERT | 00 | 03 |

**Participation of NCC Cadets in College and Community Service Activity:**

1) Youth Day & Youth Week Celebration
2) College Cultural festival CULFEST & Ganapati Festival
3) Pulse Polio Program of Maharashtra Health department
4) Digital Banking awareness programme
5) Swachha Bharat Abhiyan
6) Road Saftey Programme
7) Various Rallies & Program Conducted at SHEGAON TOWN
8) Discipline committee volunteer service

**Capt.D.L.Bhombe**

Capt. D. L. BHOMBE
NCC / 45122
Company Commander
3 MAH SIG COY NCC
AMRAVATI.

SSGM COLLEGE OF ENGINEERING,
SHEGAON
NCC
राष्ट्रीय छात्र सेना
3 MAH SIG COY NCC AMRAVATI

Dr. D.P.Tulaskar
NSS Programme Officer

Principal
Shri Sant Gajanan Maharaj
College of Engineering, Shegaon.

Congratulations & Thanks!
For Contributing to
National Voluntary
Blood Donation
"Donating blood is
an act of Solidarity.
Join the efforts
and save lives"
रक्तपेढी
शासकीय वैद्यकीय महाविद्यालय व सर्वोपचार रुग्णालय, अकोला

Tree Plantation Drive on 15-03-2023 (50 Tree)

Shri Sant Gajanan Maharaj College of Engineering
SHEGAON
444 203

PRINCIPAL
Shri Sant Gajanan Maharaj
College of Engineering,Shegaon.

# ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

**NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI**

## *Certificate of Participation*

This is to certify that Mr. Anand Shriram Tale from Shri Sant Gajanan Maharaj College of Engineering Shegaon, Shegaon has participated and successfully completed the 5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education(AICTE) from 20th September, 2021 to 24th September, 2021.

Dr. Rajneesh Arora
Chairman
National Coordination Committee for Induction Program

Prof. Rajive Kumar
Member Secretary, AICTE

F.No AICTE/FDP-SI/OnlineWorkshop/217/105268

# ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI

21-22

## *Certificate of Participation*

This is to certify that Ms. Rutika Gajanan Raut from Shri Sant Gajanan Maharaj College of Engineering, Shegaon has participated and successfully completed the 5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education(AICTE) from 29th November, 2021 to 3rd December, 2021.

Dr. Rajneesh Arora
Chairman
National Coordination Committee for Induction Program

Prof. Rajive Kumar
Member Secretary, AICTE

Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDHANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

# TECH Talk

Speaker: Raju Kendre Founder and CEO, Eklavya India

Date: 08-04-2023

Venue: New Seminar Hall

Raju Kendre, Founder and CEO of Eklavya India, delivered a compelling tech talk that illuminated the innovative intersection of technology and education in empowering first-generation learners. Drawing from his personal background as a Chevening Scholar and being recognized in Forbes 30 Under 30, Kendre shared his motivation behind establishing Eklavya India, an organization dedicated to promoting higher education among the Nomadic Tribe community in the Vidarbha region of Central India. He delved into the unique challenges faced by first-generation learners and highlighted the barriers hindering their access to higher education opportunities.

The core of Kendre's talk focused on Eklavya India's approach to addressing these challenges through technology-driven solutions. He showcased the organization's initiatives and programs, emphasizing the role of technology in bridging educational gaps and fostering grassroots leadership. Real-life success stories illuminated the impact of Eklavya India's interventions, showcasing how technology can be a catalyst for positive change in education and community development.

Moreover, Kendre provided insights into his experience as a Chevening Scholar, underscoring the role it played in shaping his vision for Eklavya India. The talk also explored the significance of being recognized by Forbes 30 Under 30 and how this recognition contributed to the visibility and impact of Eklavya India.

Looking towards the future, Kendre outlined Eklavya India's roadmap, detailing plans and strategies for expanding reach and impact. The event concluded with an engaging Q&A session, allowing the audience to pose questions and fostering dynamic discussions on technology, education, and community development.

In summary, Raju Kendre's tech talk not only provided a comprehensive overview of the challenges faced by first-generation learners but also showcased the transformative potential of technology in addressing these challenges. Attendees gained valuable insights into the impact of Eklavya India and were inspired to contribute to social change through innovative solutions in the realm of education and community development.

Tech-Talk

Speaker

# Shri Raju Kendre

Founder, CEO - Eklavya India

Forbes & HT 30 Under 30

Chevening Scholar, FCDO UK

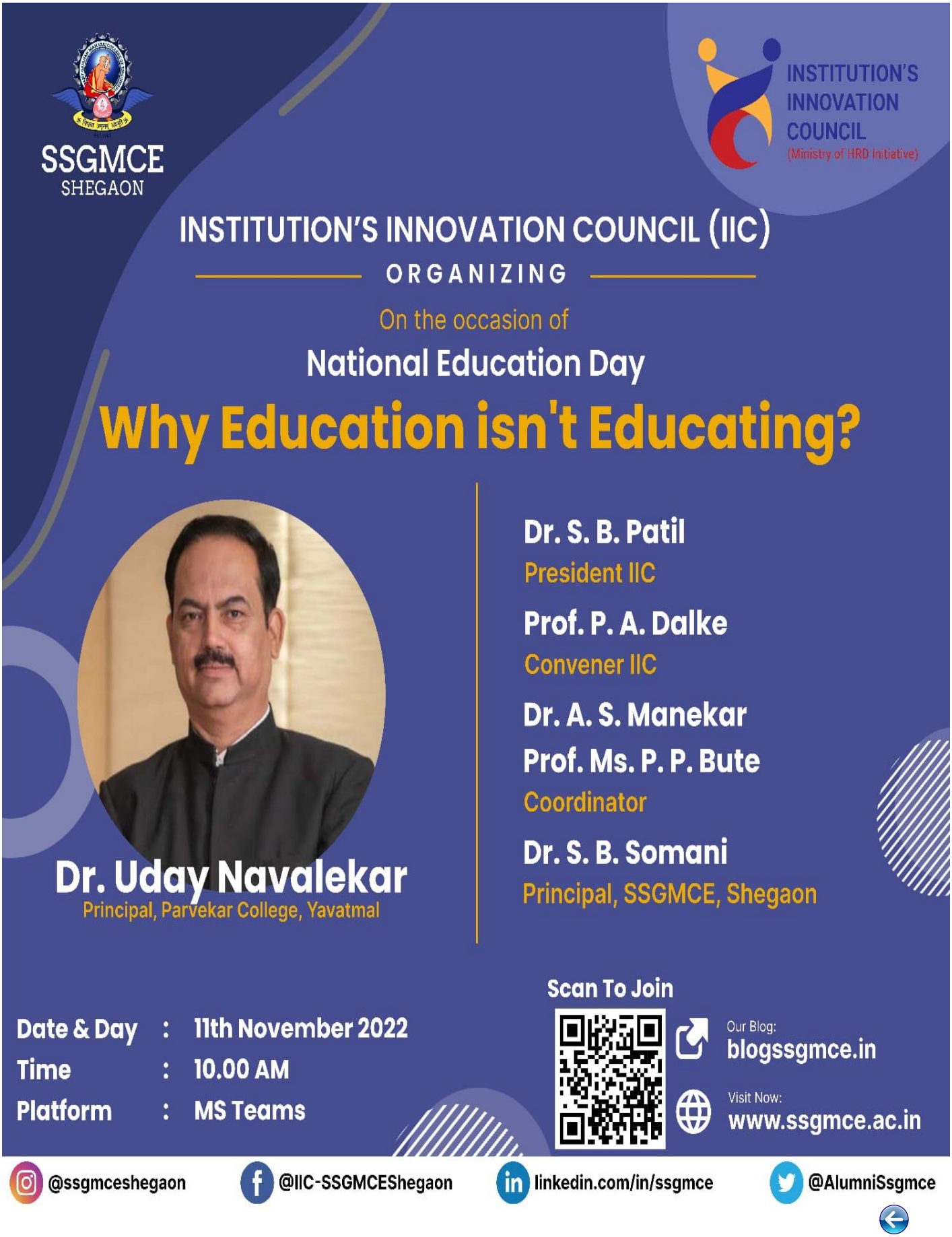
Prof. S. P. Badar
Workshop Coordinator

# Shri Sant Gajanan Maharaj College of Engineering, Shegaon (Maharashtra)

| | |
|---|---|
| **Name of the event** | Expert talk on "Why Education isn't Educating? " |
| **Resource Person** | Dr.Uday Navalekar, Principal Parvekar College Yavatmal ,Maharashtra |
| **Academic year** | 2022-2023 |
| **Program Theme** | Design Thinking |
| **Start date & End Date** | 11th Nov 2022 |
| **Duration of the activit** | 1:00 Hr ( 10.00 AM to 11:00 AM) |
| **No. Participants** | Student 69 & faculty 27 |
| **Mode of session (online / offline)** | Online |
| **Program driven by (IIC Calendar activities/Self activities/MIC Activities/Celebration activity)** | Celebration Activity |
| **Session recording link / Offline venue**<br><br>**All Social Media Link (Promotion)** | http://shorturl.at/rzBXZ (Microsoft Teams Link)<br><br>https://www.instagram.com/p/CkxRvGct_LE/?utm_source=ig_web_copy_link<br><br>https://twitter.com/AlumniSsgmce<br><br>https://www.linkedin.com/feed/update/urn:li:activity:6996353532450770944<br><br>https://www.facebook.com/ssgmceofficialpage |
| **Event Coordinator Faculty Name / Department / Designation** | Prof. Ms.P P Bute<br><br>Assistant Professor Information Technology Department. |
| **Target Participants** | All Students & faculties of SSGMCE Shegaon |

| | |
|---|---|
| ➢ **Objective**<br><br>➢ **Benefit in term of learning/skill/knowledge obtained** | **Objective of the Event are following**<br>• Celebrating birth anniversary of Maulana Abul Kalam Azard & his contribution for Indian education.<br>• Is to strengthening India's educational institutions.<br>• To understand the importance's of education in overall development.<br><br>**Outcome of this event are following**<br>After competition of this session participant are able to<br>• To understand Importance of education in India's growth.<br>• To raise the quality of education & overall development.<br>• To evaluate the country's current performance in the field. It is also seen as an opportunity to improve the current situation of education in India.<br>• To enhance the awareness of the participant about National Education Policy 2020. |

**Poster:**


SSGMCE
SHEGAON
INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)
INSTITUTION'S INNOVATION COUNCIL (IIC)
ORGANIZING
On the occasion of
National Education Day
Why Education isn't Educating?
Dr. Uday Navalekar
Principal, Parvekar College, Yavatmal
Dr. S. B. Patil
President IIC
Prof. P. A. Dalke
Convener IIC
Dr. A. S. Manekar
Prof. Ms. P. P. Bute
Coordinator
Dr. S. B. Somani
Principal, SSGMCE, Shegaon
Date & Day : 11th November 2022
Time : 10.00 AM
Platform : MS Teams
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**Overview of the Program:**

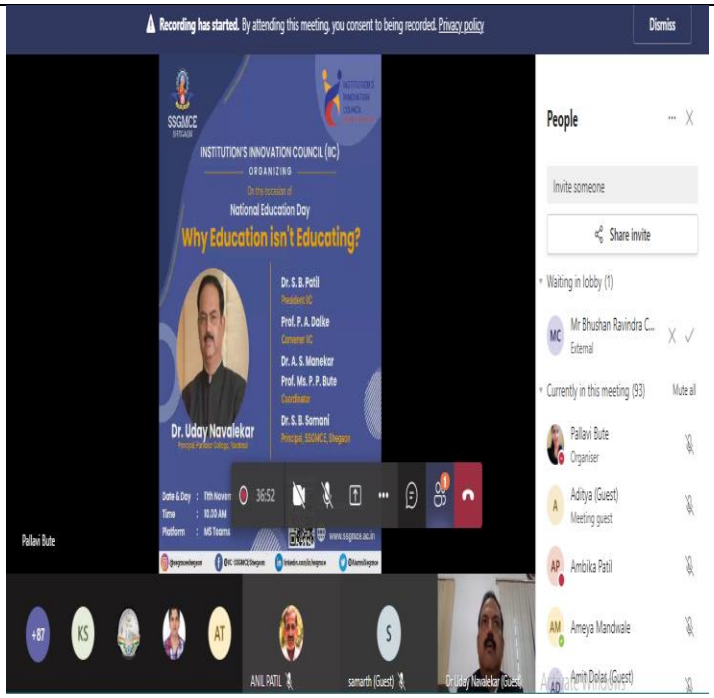
Under Institution Innovation Council Quarter I Activity, on the occasion of National Education Day, Shri Sant Gajanan Maharaj College of Engineering, Shegaon, has organized an expert talk "Why Education isn't educating" by Dr.Uday Navalekar Principal Parvekar College Yavatmal Maharashtra coordinated by Prof. Ms.P.P Bute from Information Technology Department SSGMCE, Shegaon. The online event was started on 11$^{th}$Nov2022 at 10.00 AM with a warm welcome to Guest Dr.Uday Navalekar & all the participants. 11Nov 2022 is celebrated as National education day to commemorate the birth anniversary of Maulana Abul Kalam Azad. He was independent India's first education minister & contributed significantly to laying the foundation of India's Education System. Speaker address the importance of education in India's growth as well as overall development. Speaker pointed out that along with education some spiritual & physical activities should be provided in schools & colleges so that after graduation holistic development of students will be done. They focus on the value of education & also highlighted New Education Policy 2020. As the NEP aims to nurture the growth of India's knowledge base with a holistic approach.

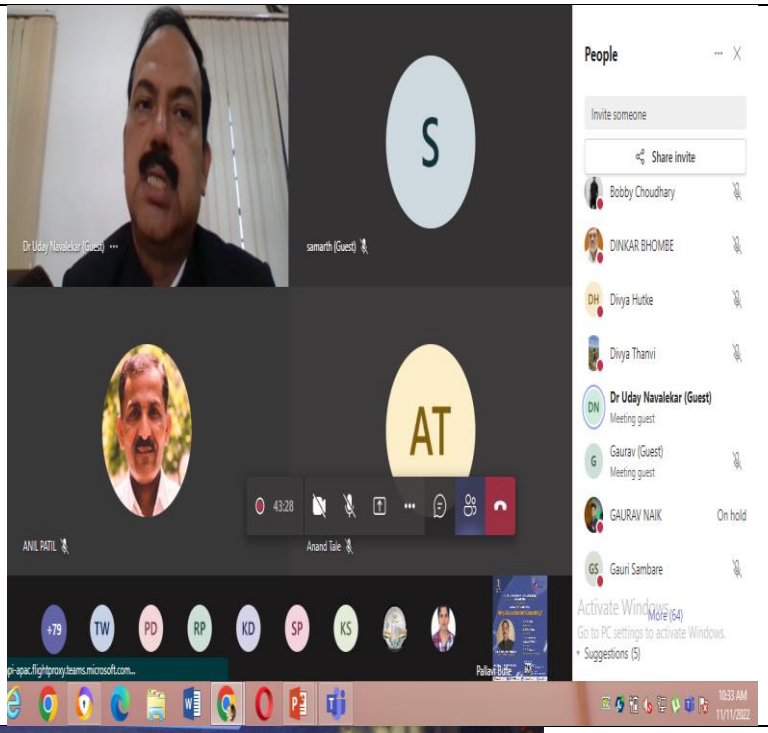
The speaker addresses participant queries at the end of the session.

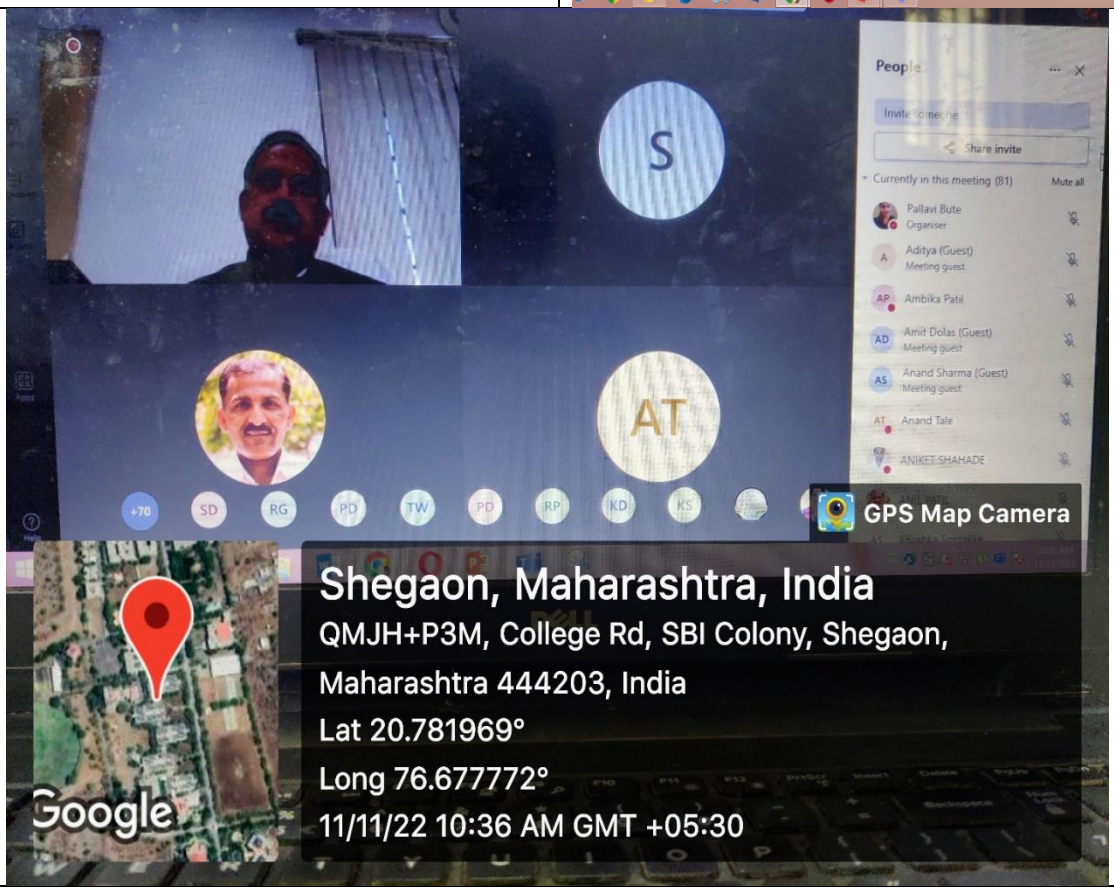
In this session total of 96 + participants benefited.

Prof.Ms.P.P Bute delivered the vote of thanks in the last phase and the program was ended. Feedback link will be shared with participants at the end of the program.

**Event Gallery:**



**List of Participants ( Bold names are the name of staff members)**

| S.No | Name of Attende | College |
|---|---|---|
| 1 | **Pallavi Bute** | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 2 | Ku.JUEE GORE | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 3 | **PAVAN KUCHAR** | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 4 | **PANKAJ DHOKANE** | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 5 | **P A DALKE** | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 6 | Snehal Kubade | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 7 | Ayush Kahar | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 8 | Ku. Nikita Tikar | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 9 | **Anand Sharma** | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 10 | Gauri Sambare | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 11 | Parth Hanvate | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 12 | Onkar Dalal | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 13 | Tejas Wankhade | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 14 | Aditya | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 15 | Snehal Holey | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 16 | Ku.SHUBHANGI NIMBOLKAR | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 17 | Anushka Sontakke | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 18 | Palak Jasani | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 19 | Sakshi Huse | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 20 | Shreya Farkunde | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 21 | **MAYUR DANDE** | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 22 | Gaurav | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 23 | Ku. Rutuja Ingole | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 24 | Rutuja Pawar | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 25 | Atharva Kasar | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 26 | Pritesh Pawar | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 27 | Prathamesh Thakare | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 28 | Shreya Tiwari | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 29 | Ishwar Sharma | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 30 | Pavan Thakur | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 31 | Bobby Choudhary | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 32 | samarth | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 33 | **AMITKUMAR MANEKAR** | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 34 | Tushar Fuse | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 35 | Priya Agrawal | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 36 | Ku.Akanksha Timande | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 37 | **PURUSHOTTAM BHARAMBE** | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 38 | Divya Thanvi | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 39 | Tushar Nimbolkar | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 40 | Sarthak Bhoyar | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 41 | **SAGAR PADIYA** | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 42 | Nitish Vaidya | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 43 | Vaishnavi Kaware | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 44 | **Sumit Muddalkar** | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |

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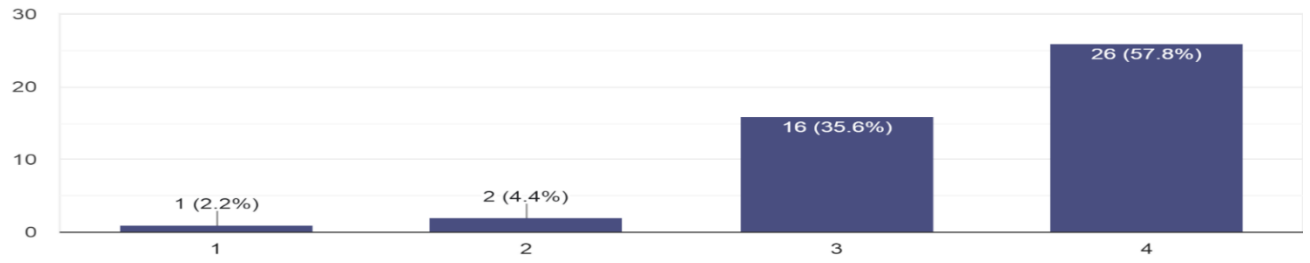
|---|---|---|
| 45 | Ku.Gauri Jayale | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 46 | Ameya Mandwale | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 47 | SANKET KHADGE | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 48 | **MUKESH CHAVAN** | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 49 | **Ritika Raut** | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 50 | Ku.Nikita Mansute | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 51 | Rutvik Kharche | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 52 | SANKET GODE | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 53 | **RAVINDRA MANKAR** | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 54 | krishna | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 55 | **Suraj Pawar** | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 56 | Ku.Pranjal Patil | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 57 | **SATYA MISHRA** | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 58 | Prasad Khadse | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 59 | **PIYUSH DALKE** | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 60 | **Amit Dolas** | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 61 | **PRITI KALE** | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 62 | Ku.Shreya Darodkar | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 63 | Bhakti Jasani | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 64 | Suhas Karanjkar | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 65 | **DINKAR BHOMBE** | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 66 | Atharva Kathole | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 67 | Rohini Makode | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 68 | Jay Thakare | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 69 | Ku.KHUSHBU PAREEK | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 70 | Ku.KHUSHBU PAREEK | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 71 | Divya Somvanshi | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 72 | Divya Somvanshi | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 73 | **Dr Uday Navalekar** | Parvekar College Yavatmal |
| 74 | **Sham Maruti Ghodki (Guest)** | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 75 | Sham Maruti Ghodki (Guest) | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 76 | Sham Maruti Ghodki (Guest) | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 77 | Prathamesh Mahalle | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 78 | Nikita Warade | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 79 | Atharva Harsulkar | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 80 | Ambika Patil | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 81 | Manish Maske | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 82 | Isha Wagh | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 83 | **KANCHAN DESHMUKH** | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 84 | **Pratik Dhabe** | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 85 | Ku.GAURI BHOYAR | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 86 | Shreyansh Dubey | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 87 | Rushadi Gaidhane | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |

| | | |
|---|---|---|
| 88 | GAURAV NAIK | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 89 | Vaishnavi Banole | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 90 | **Anand Tale** | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 91 | **KALYANI SABLE** | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 92 | **ANIL PATIL** | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 93 | Ku. POOJA WANKHADE | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 94 | Ku.SHREYA BONDRE | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 95 | **ANIKET SHAHADE** | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |
| 96 | Pranjal Sharma | Shri Sant Gajanan Maharaj College of Engineering,Shegaon |

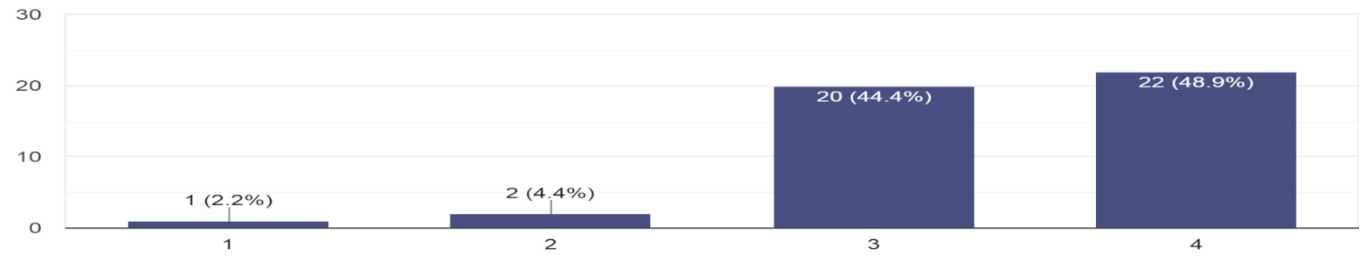
Prof. Ms. P. P. Bute

## Feedback of the session

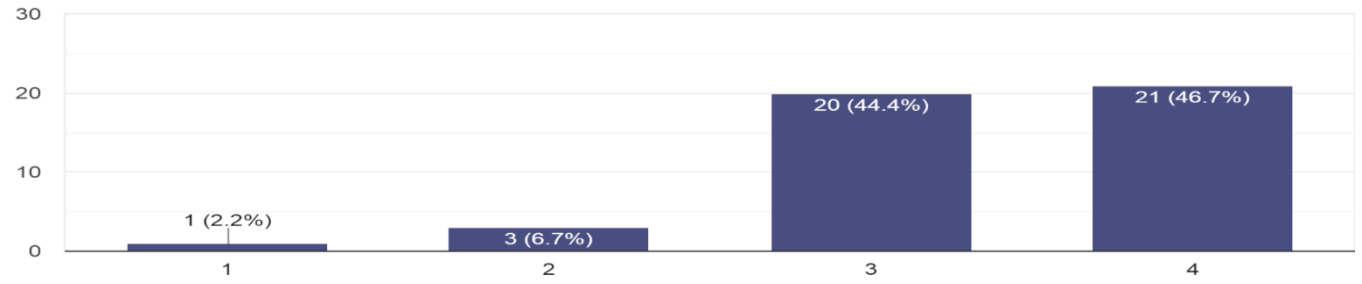
Please rate the expert's knowledge about the topic (1-Need improvement, 2-Fair, 3-Good, 4-Excellent)
45 responses



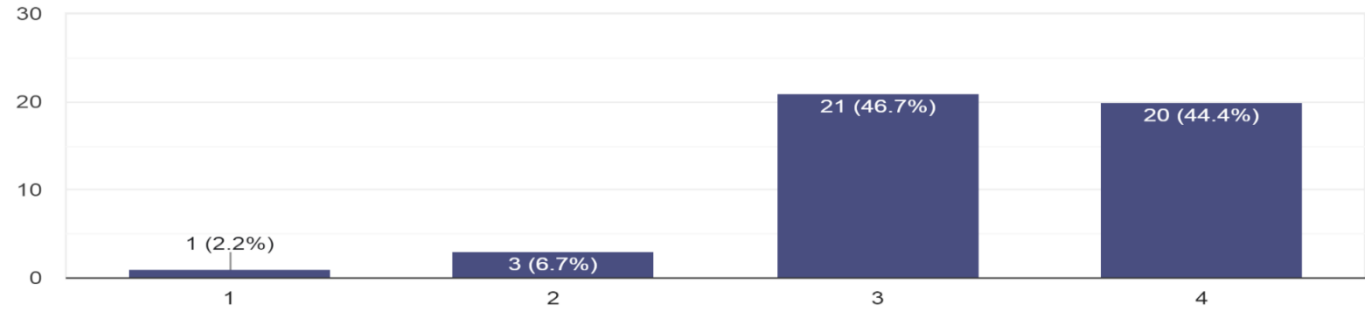

Please rate the expert's presentation skills (1-Need improvement, 2- Fair, 3-Good, 4-Excellent)
45 responses




Please rate the expert's response to the queries (1-Need improvement, 2- Fair ,3-Good, 4-Excellent)
45 responses

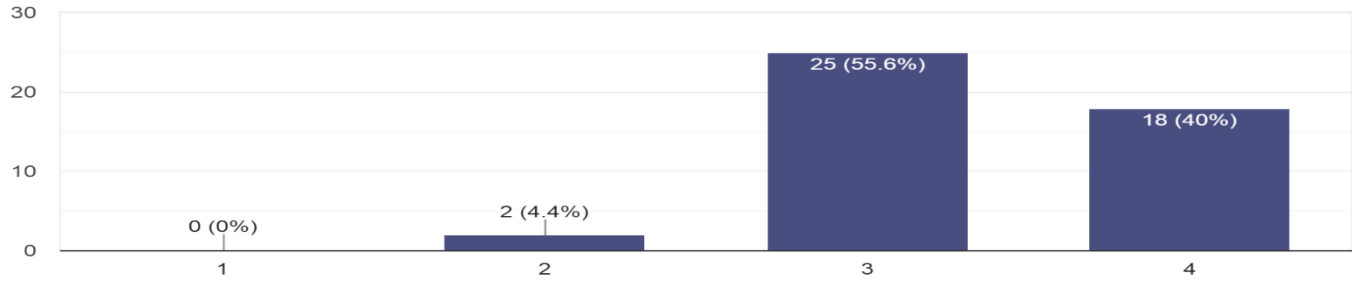



How relevant and helpful do you think the topic covert was to you (1-Not at all helpful, 2-somewhat helpful, 3-very helpful, 4-extermly helpful)
45 responses



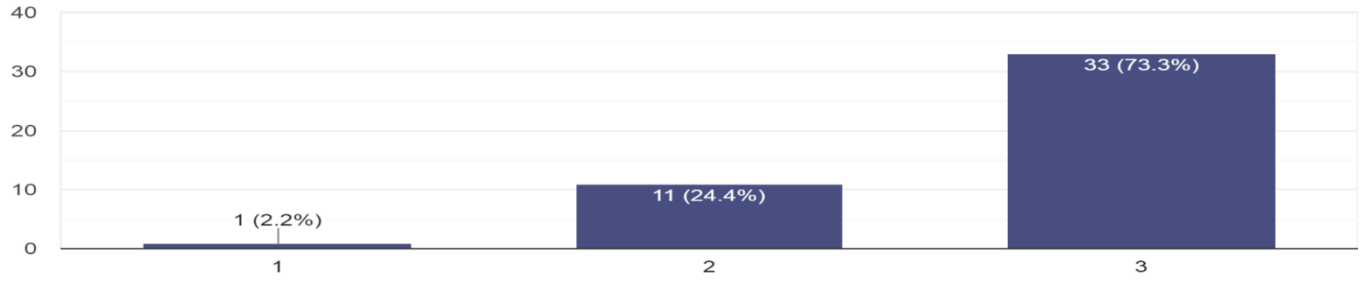
Overall how would you evaluate the session (1-need improvement , 2- Fair, 3-Good, 4-Excellent)

45 responses



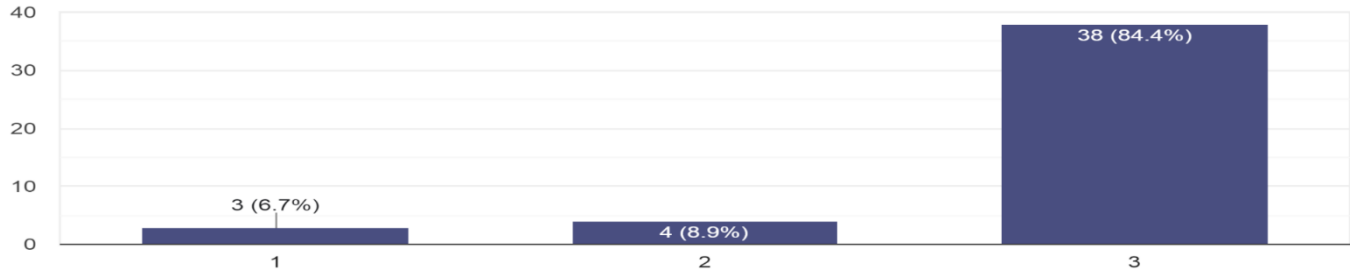

Did the session achieve the program objectives? 1-NO, 2- Maybe, 3-Yes

45 responses



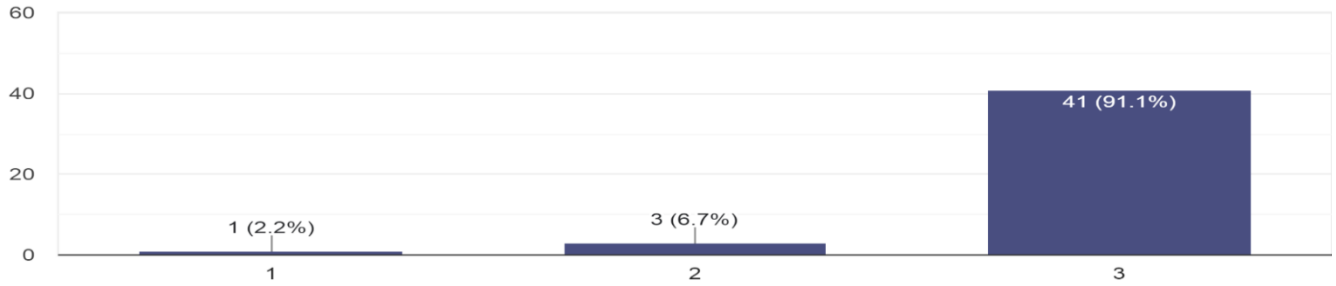

Would you say session was interactive 1-NO, 2- Maybe, 3-Yes

45 responses



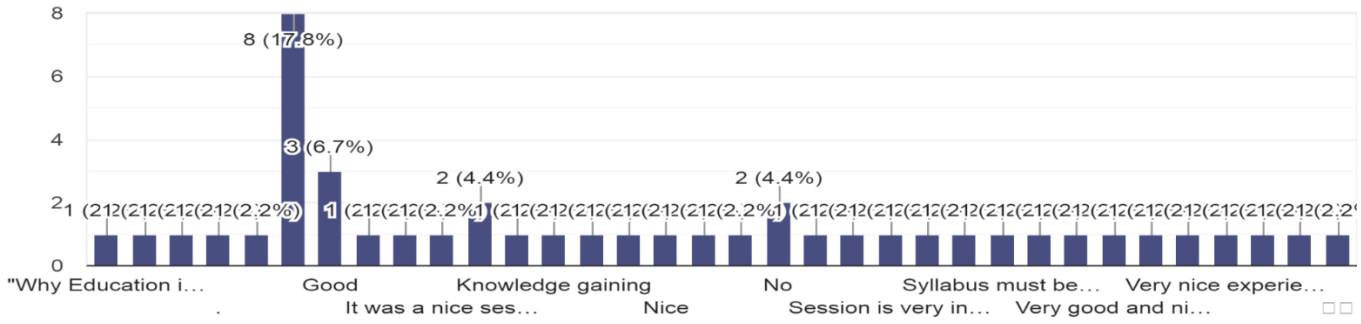

Did the event help you to new learning or knowledge? 1-NO, 2- Maybe, 3-Yes

45 responses



Over all feedback/comment/takeaway for the session?

45 responses




**Prof.Ms.P.P Bute**
Coordinator

**Dr.S.B Patil**
President IIC

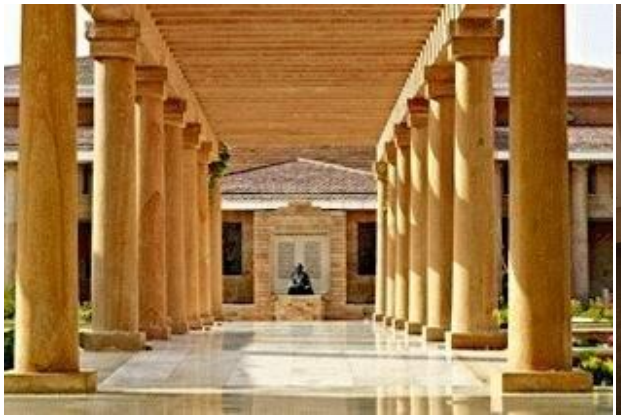
Shri Sant Gajanan Maharaj College of Engineering SHEGAON 444 203

PRINCIPAL
Shri Sant Gajanan Maharaj
College of Engineering,Shegaon.

**INDUSTRIAL VISIT- JAIN IRRIGATION AND GANDHI RESEARCH FOUNDATION, JALGAON -** 22-10-2018

Like every year, an industrial visit was organized to Jain Irrigation, Jalgaon on 22-10-2018. 53 students participated in the visit. Mr. Subodh Saraf, Public Relations Officer, assisted the visit. The tour included vegetables and fruit research center, raw mango/ guava processing plant, onion extraction center, biogas plant, solar unit.

Students also had a study tour of Gandhi Research Foundation, a sub- entity of Jain Irrigation wherein a detailed focus on Mahatma Gandhi's life through a world class museum enables students to acquire the essence of Gandhian Thoughts. A book exhibition and a khadi products outlet is enriched one as well. Students prepared and submitted a report post visit.



Shri Sant Gajanan Maharaj College of Engineering SHEGAON 444 203

PRINCIPAL
Shri Sant Gajanan Maharaj
College of Engineering,Shegaon.

Dr. H. M. Jha

**Shri Sant Gajanan Maharaj College of Engineering, Shegaon**
**Department of Computer Science & Engineering**

**Computer Science & Engineering Student's Association (CSESA)**

# CYBERTECH WORKSHOP REPORT

**Resource Person: 1) Prasad Ugale**
**2) Swaraj Ghawale**

**Date:** 12/12/2021

On 12th Dec Team CSESA of Computer Science and Engineering Departmen, SSGMCE, Shegaon organized workshop CYBERTECH on the theme "Intro to Cyber Security and Ethical Hacking" with the objective that Ethical Hacking, Information Security and Cyber Security should be familiar to everyone using digital information and internet.

The resource persons for the workshop were Prasad Ugale Sir, Swaraj Ghawale Sir. The program started with an opening remark delivered by Dishaa Wasnik. Based on their experience in the Cyber Security domain, they guided us on Cyber Security, Ethical Hacking, SQL injection, Cross Site Scripting and how to be secure in Cyber World. The workshop was attended by around 80 participants.

The topics covered in this Workshop were

(i) Who is Hacker?
(ii) Skills require for Ethical Hacking.
(iii) Different phases of Ethical Hacking.
(iv) Brief information on Google Dorks, Malware, Torjan Horse etc.
(v) Detail discussion on Virus and Worm.

They also Share useful insights of different platforms like Hacker one, Bug crowd, Integrity and many more for the practice of Ethical Hacking.

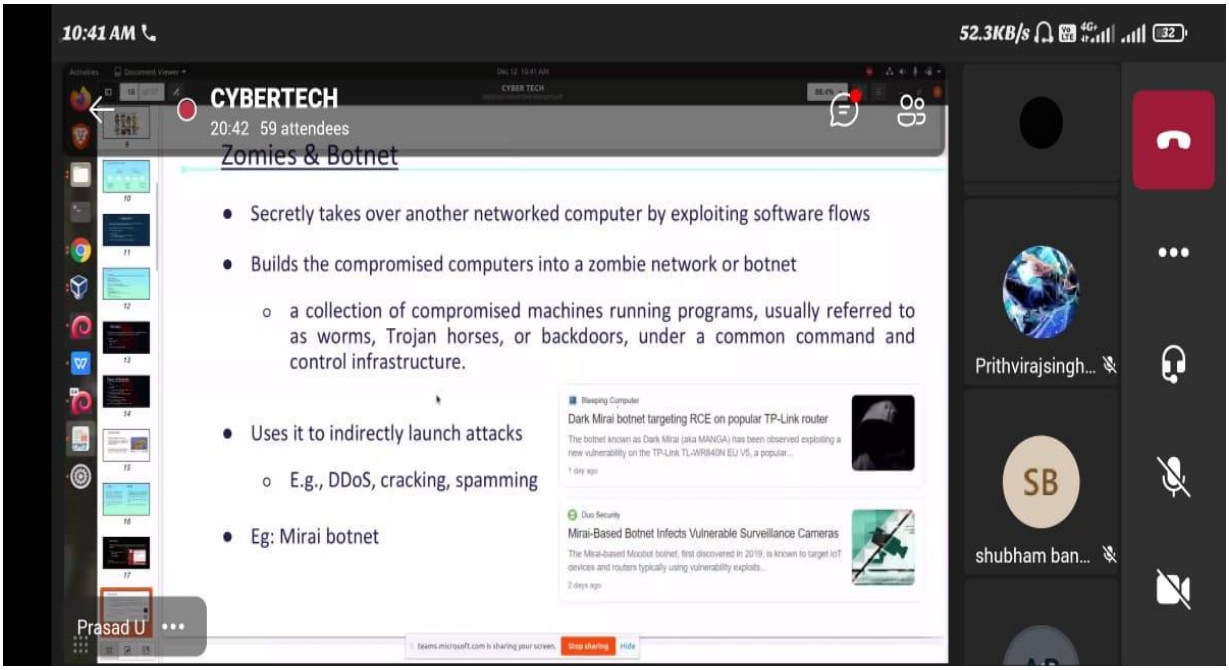
At the end, speakers guided students on:

1) Cyber Safety
2) Tips on Cyber safety for every student and internet user.
3) Dont's of Social Media.
4) Cyber laws in India.
5) Many Helpful websites to avoid Cyber scams.

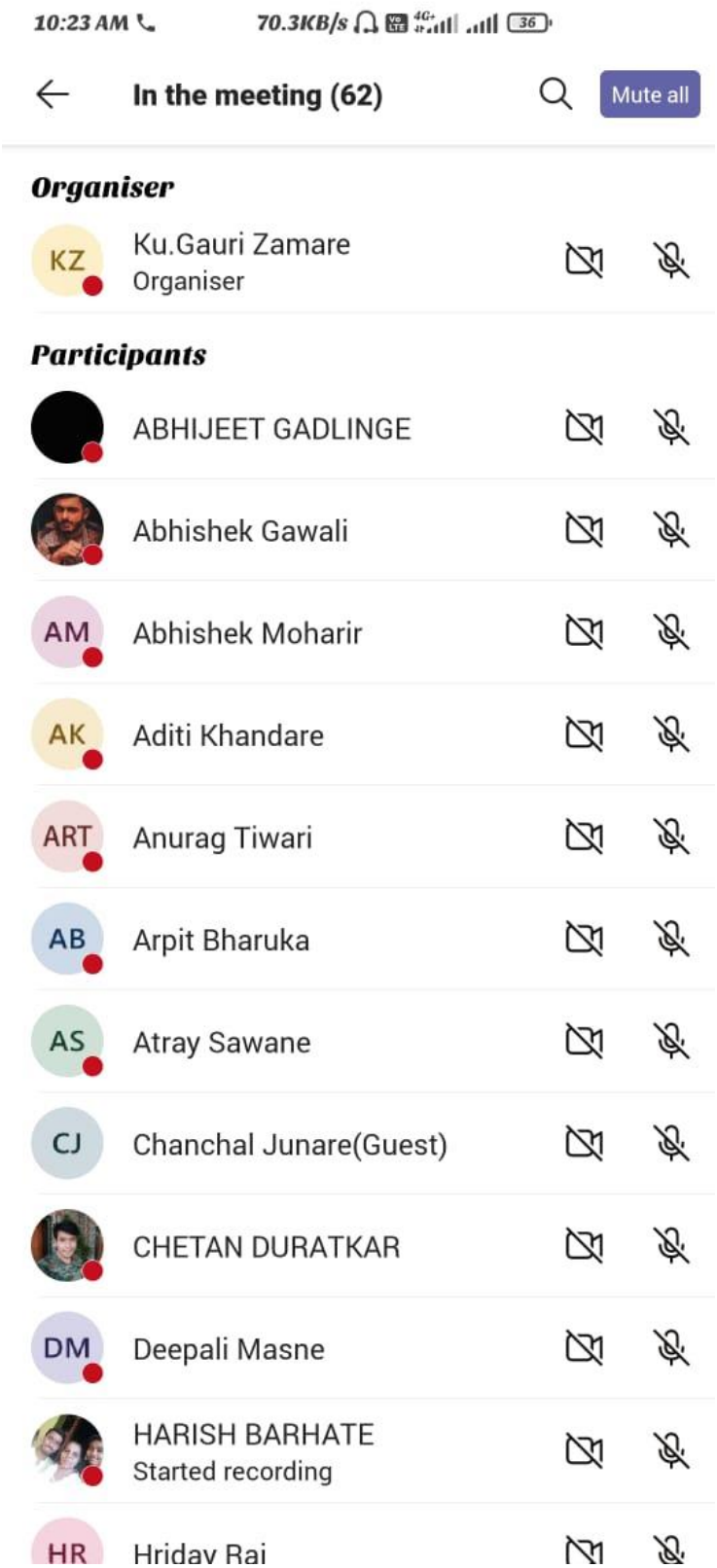
Overall it was a very informative session and the Summary of this Workshop lies in only one statement and that is **BE CAUTIONS, BE CYBERSAFE !**

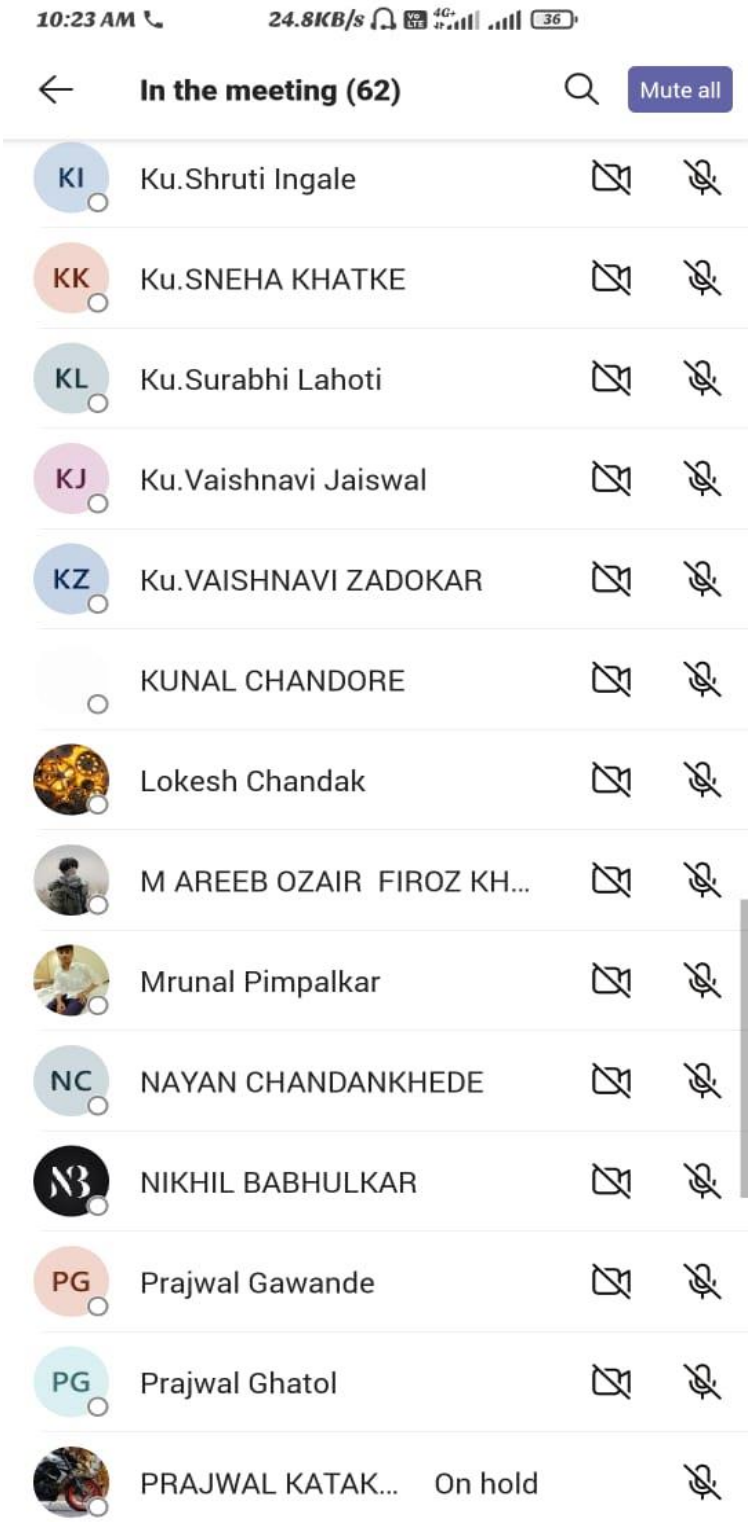
The session ended with a round of discussion and questions were perfectly addressed by the Speaker and vote of thanks was delivered by Pravadnya More.

**Workshop Photos:**



**Attendance Screenshot:**



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