

NEWSLETTER

EDITION 8: VOLUME 1

2022-23



VISION

To impart quality education and excel in Electronics and Telecommunication Engineering research to serve the global society

MISSION

- M1: To develop excellent learning center through continuous interaction with Industries, R&D centers and Academia.
- M2: To produce competent, entrepreneurial and committed Electronics and Telecommunication Engineers.
- M3: To develop state-of-the-art infrastructure, centers of excellence and to pursue research of global and local relevance.
- M4: To inculcate ethical, spiritual and human values to serve the global society.

ABOUT US

The Department of Electronics and Telecommunication Engineering is one of the major department of SSGMCE, Shegaon established in 1983 offering programs: Under Graduate, Post Graduate and Ph.D. It is affiliated to Sant Gadge Baba Amravati University, Amravati, recognized by AICTE, New Delhi and approved by DTE, Maharashtra.

Accredited by NBA 5 Times (Currently Accredited for 06 years 01-07-2019 to 30-06-2025)

Dr. M. N. Tibdewal
Professor & Head, Dept. of Electronics and Telecommunication Engineering



Mr. S. P. Badar conducted a Two Days Hands-on Workshop on CMOS Digital Circuit Design during 3 -4 december 2022

VALUE STATEMENTS

1. Explores to unleash one's potential through proactive awareness, research attitude, continuous learning, accountability & innovation in every sphere of life.
2. Each individual at SSGMCE is a firm believer of being accountable to one's own role, goal, and development. We all follow the rules and regulations, and our interactions with others are refined, proper and organized
3. Build trust through honesty, integrity, consistency, transparency & keeping promises.
4. SSGMCE Provide a system to incorporate & sustain holistic development(Physical, Mental, Social, Emotional & Spiritual)
5. Inculcate innovation / creativity through resourcefulness, sharing and employing new ideas, possibility thinking.

What we Value at SSGMCE

1) Personal Excellence

What it means?

It is an ability to fully unleash and utilize one's potential in all walks of life. It is to improve your performance consistently and continuously so that you can improve every aspect of your life.

Key Behaviour Indicators:

1. Knows one's passion, strengths & weaknesses
2. Has SMART goals in place
3. Setting benchmarks for self and raising them from time to time.
4. Proactively engages in learning through networking with other universities & Industry related to your field of work across different countries.
5. Steps outside of one's comfort zone to do something new & creative
6. Approaches situations with scientific mind set.
7. Builds a trusted connection with a mentor and seek advice when needed
8. Be brand ambassador for SSGMCE to the external world.

Value Statement:

Explores to unleash one's potential through proactive awareness, research attitude, continuous learning, accountability & innovation in every sphere of life.

2) Accountability

What it means

Accountability is accepting responsibility for your actions and being willing to own the outcomes of your choices, decisions, and actions.

Key Behaviour Indicators:

1. Takes responsibility for all work activities and personal actions;
2. Follows through on commitments; implements decisions that have been agreed upon;
3. Maintains confidentiality with sensitive information;
4. Acknowledges and learns from mistakes without blaming others;
5. Recognizes the impact of one's behavior on others.

Value Statement:

Each individual at SSGMCE is a firm believer of being accountable to one's own role, goal, and development. We all follow the rules and regulations, and our interactions with others are refined, proper, and organized.

3) Trustworthiness

What it means:

Trustworthiness is the ability of a person to be relied on as honest or truthful.

Key Behavior Indicators.

1. Respect self and others.
2. Walk your talk.
3. Maintains confidentiality.
4. Maintain consistency therefore they are reliable and resourceful to the people.
5. Keep promises/Commitments
6. Value people's time and efforts.
7. Express gratitude to their family, friends & co-workers; support and encourage them.
8. Be positive and bring out the best in self & others.

Value Statement:

Build trust through honesty, integrity, consistency, transparency & keeping promises.

4) Holistic Development

What it means

Holistic development means development of a person in all dimensions : physical, Mental, Social, Emotional, and spiritual, to unleash his/her potential and is capable of facing the demands and challenges of personal & professional life.

Key Behaviour Indicators:

1. Plans & Invests time in regular physical fitness exercise like sports, gymnastics, yoga,
2. Plans & proactively invests time to update his knowledge & skills related to his personal & professional role.
3. Plans & invests time in networking & meaningfully contributing to the relationships personally & professionally important through regularly communicating, sharing knowledge & resources., working in a team through coordination and cooperation., Understands and knows to manage emotions of self & others.
4. Thinks beyond self and plans & invests time for community development
5. Engages in practices which are environment friendly
6. Optimally uses natural resources like water, electricity,

Value Statement:

SSGMCE Provide a system to incorporate & sustain holistic development(Physical, Mental, Social, Emotional & Spiritual)

5) Creativity & Innovation

What it means:

The ability to go beyond traditional ideas, rules, patterns, relationships, or the like, and to create meaningful value adding new ideas, forms, unconventional methods, interpretations etc

Key Behavior Indicators:

1. Develops new useful ideas/ approach / programs that prove to be effective.
2. Thinks outside the box.
3. Takes 'smart' risks including trying new and different ways to get work done.
4. Embraces diverse perspectives to promote or nurture innovation
5. Generates and employs original ideas for tackling both simple and complex problems.
6. Fosters interdisciplinary / trans-disciplinary work.

Value Statement:

Inculcate innovation / creativity through resourcefulness, sharing and employing new ideas, possibility thinking.



Dept of Electronics and Telecommunication Engineering organized a 4 day workshop on Design ,fabrication and programming Microcontroller Board on 19/03/2023 to 22/03/23 for third students Mr.Shreyash Shah From industry .& Prof.Vikram Ingole as a faculty is the Resource person for this workshop. 36 students participated in this workshop.

FACULTY PUBLICATION

- M.N.Tibdewal publish a paper on Comparison of different denoising networks on motion Artifacts MRI scans. in International Springer Conference on Machine Vision and Signal Processing, MISP-2022
- Mrs. K. S. Vyas / Ms. A. A. Deshmukh publish a paper on A Survey paper on Blockchain Technology and Consensus Algorithms in 11th International Conference on Emerging Trends in Engineering & Technology - Signal and Information Processing
- Swapnil P. Badar; Kamalesh Khanchandani publish a paper on Successive Cancellation Polar Decoder Implementation using Processing Elements in 2022 IEEE Region 10 Symposium (TENSYMP)
- M.N.Tibdewal publish a paper on Design and Implementation of Smart Water Level Indicator and Valve Controller in National level IEEE student conference on Innovation In Rural Development
- Kamlesh Kahar publish a paper on Micro Scale Energy Scavengers for low power applications in Rural Areas in National level IEEE student conference on Innovation In Rural Development
- Kamlesh Kahar publish a paper on Vehicle safety system for blind spot and Hilly areas in National level IEEE student conference on Innovation In Rural Development

STUDENTS PLACEMENT & INTERNSHIP



- 23 students get an internship in different company in the session
- 64 students get an placements in different company in the session
- Department of Electronics & telecommunication in association with ESSA organized workshop on Secrete of Canva on 10 dec 2022.



Hearty Congratulations...!

Bhushan Hajare
Sumit Bhute
(Final Year ENTC)
SSGMCE Wishes you a Great Career Ahead

- Competed in SGBAU's AAVISHKAR 2022
- Won First Prize in UG Category University level

- Mr.Bhushan Hazare and Mr.Sumit Bhute participated in University level competition "AAvishkar 2022" and awarded as First prize under the guidance of Prof.K.T.Kahar
- Department of Electronics & telecommunication in association with ESSA organized workshop on "Hello to embedded system" on 7-8 April 2023 by Mr.Prathmesh Gattani & Ms.Mrunal Patil

BEST PROJECTS AWARDED BY DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

Sr. No	Title of Project	Guided By	Award/Reward	Name of Students
1	Smart safety Jacket	Prof. K.T. Kahar	1st Rank	Saptadeep Nag
				Yash Rajendra Ashtikar
				Ku. Pallavi Dhanraj Navghare
				Vivek Rajendra Joge
2	Brain tumor detection using ML.	Dr. P. R. Wankhede	1st Rank	Sumit Mahendra Jangale
				Atharv Prakash Deshpande
				Nishant RamdasraoSawale
				Ram Rajendra Shindijamekar
3	Design and development of water ionizer	Prof. V. M. Umale	2nd Rank	Yash Khemchand Saiwal
				Ku. Gayatri Naval Kungade
				Ku. Shreya Sachchidanand Pandey
				Ku. Shruti Harish Singhaniya
4	Design and analysis of multiband micro strip patch antenna	Dr. S. B. Patil	2nd Rank	Anirudha Shyam Deshmukh
				Atharva Sudhish Patil
				Chetan AjrambarLavhale
				Rahul Deepak Patil

**PUBLISHER : DR.M.N.TIBDEWAL
PROFESSOR AND HEAD ,
ELECTRONICS AND TELECOMMUNICATION
ENGINEERING DEPARTMENT**

**EDITORIAL TEAM:
CHIEF EDITOR: PROF. V. S. INGOLE,
DR. D. P. TULASKAR
EDITORS: MR.BHUSHAN HAZARE
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