



KALYANI CHARITABLE TRUST'S LATE G. N. SAPKAL COLLEGE OF ENGINEERING

Kalyani Hills, Anjaneri-Vadholi, Trimbakeshwar Road, Dist. Nashik - 422 212 (India)
Tel: +91 - 2594 - 220168/71, Fax : +91 - 2594 - 220174
Website: www.sapkalknowledgehub.org E-mail: gns_engineering@sapkalknowledgehub.com



Department of Electronics & Telecommunication Engineering

Dissemination of POs, PEOs and PSOs

VISION, MISSION

Kalyani Charitable Trust's
LATE G. N. SAPKAL COLLEGE OF ENGINEERING
Sapkal Knowledge Hub, Kalyani Hills, Anjaneri, Trimbakeshwar Road, Nashik - 422 213 (Maharashtra, India)

Vision
To become a globally recognised engineering institute through innovation, research and quality education.

Mission
To become a leading technical institution by achieving excellence in teaching-learning process and providing an environment helpful for nurturing innovation, creativity, team-spirit, moral ethics and leadership for the welfare of the society.

GPS Map Camera

Anjaneri, Maharashtra, India
WJV2+MC, Anjaneri, Maharashtra 422213, India
Lat 19.943757°
Long 73.600433°
11/12/23 11:10 AM GMT +05:30

Kalyani Charitable Trust's
Late G. N. SAPKAL COLLEGE OF ENGINEERING
Sapkal Knowledge Hub, Kalyani Hills, Anjaneri, Trimbakeshwar Road, Nashik - 422 213 (Maharashtra, India)

Department of Electronics and Telecommunication Engineering

VISION
To empower students in the field of Electronics and Telecommunication and develop trained professionals for betterment of Society.

MISSION

- To provide students with extensive knowledge & skill based education through excellent teaching learning process in collaboration with Industry and Research Organizations.
- To develop students with a multi-disciplinary high ethical standards by providing encouraging

GPS Map Camera

Anjaneri, Maharashtra, India
WJV2+MC, Anjaneri, Maharashtra 422213, India
Lat 19.943757°
Long 73.600433°
11/12/23 11:11 AM GMT +05:30

HOD Cabin



Prof.(Dr.) Sahabrao B. Bagal
Principal
Late G. N. Sapkal College of Engineering
Nashik-422 212



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Department of Electronics & Telecommunication Engineering

PSOs and PEOs Displayed

Kalyani Charitable Trust's
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Sapkal Knowledge Hub, Kalyani Hills, Anjaneri, Trim bakeshwar Road, Nashik - 422 213 (Maharashtra, India)

Department of Electronics and Telecommunication Engineering
Program Specific Outcomes (PSOs)(UG)

1. Understand analyze and develop fundamentals of electronics and Telecommunication in various domains of Analog & Digital systems
2. Apply standard practices and strategies from the course related to Microwave, Signal processing, Microcontroller, Embedded networking and communication systems environment to deliver a quality product for business success.
3. Employ Hardware Skills, modern computer languages and platforms in creating innovative career paths to be an entrepreneur

GPS Map Card

Anjaneri, Maharashtra, India
WJV2+MC, Anjaneri, Maharashtra 422213, India
Lat 19.943764°
Long 73.600394°
11/12/23 11:12 AM GMT +05:30

Kalyani Charitable Trust's
Late G. N. SAPKAL COLLEGE OF ENGINEERING
Sapkal Knowledge Hub, Kalyani Hills, Anjaneri, Trim bakeshwar Road, Nashik - 422 213 (Maharashtra, India)

Department of Electronics and Telecommunication Engineering
Program Educational Objectives (PEOs)(UG)

1. To prepare students with sound knowledge in mathematical, scientific and engineering fundamentals so as to enable them to have successful career in Electronics and Telecommunication Engineering (Pre-preparation).
2. To prepare students to adopt to emerging technologies in Electronics and Telecommunication Engineering (Core Competence)
3. To enable students to deploy their knowledge and skills in team

GPS Map Card

Anjaneri, Maharashtra, India
WHVX+6JV, Anjaneri, Maharashtra 422213, India
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11/12/23 11:12 AM GMT +05:30

Class Room Passage





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Department of Electronics & Telecommunication Engineering

POs, Displayed

Kalyani Charitable Trust's
Late G. N. SAPKAL
COLLEGE OF ENGINEERING

Department of Electronics and Telecommunication Engineering
Program Outcomes (POs)(UG)

Students are expected to know and be able to:

1. Apply knowledge of mathematics, science, engineering fundamentals, problem solving skills, algorithmic analysis and mathematical modeling to the solution of complex engineering problems.
2. Analyse the problem by finding its domain and applying domain specific skills.
3. Understand the design issues of the product/software and develop effective solutions with appropriate consideration for public health and safety, cultural, societal, & environmental considerations.
4. Find solutions of complex problems by conducting investigations applying suitable techniques.
5. Adapt the usage of modern tools and recent software.
6. Contribute towards the society by understanding the impact of Engineering on global aspect.
7. Understand environment issues and design a sustainable system.
8. Understand and follow professional ethics.
9. Function effectively as an individual and as member or leader in diverse teams and interdisciplinary settings.
10. Demonstrate effective communication at various levels.
11. Apply the knowledge of Electronics & Telecommunication Engineering for development of projects, and its finance & management.
12. Keep in touch with current technologies and inculcate the practice of lifelong learning.

Google | OPS Map Camera
Anjaneri, Maharashtra, India
Trimbakeshwar Rd, Anjaneri, Maharashtra 422213, India
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11/12/23 11:29 AM GMT +05:30

Class Room Passage

Sy Bagul

Prof. S. G. Bagul
Criteria Coordinator

S. B. Borse

Prof. S. B. Borse
H.O.D



Sahebrao B. Bagal

Prof. (Dr.) Sahebrao B. Bagal
Principal
Late G. N. Sapkal College of Engineering



KALYANI CHARITABLE TRUST'S LATE G. N. SAPKAL COLLEGE OF ENGINEERING

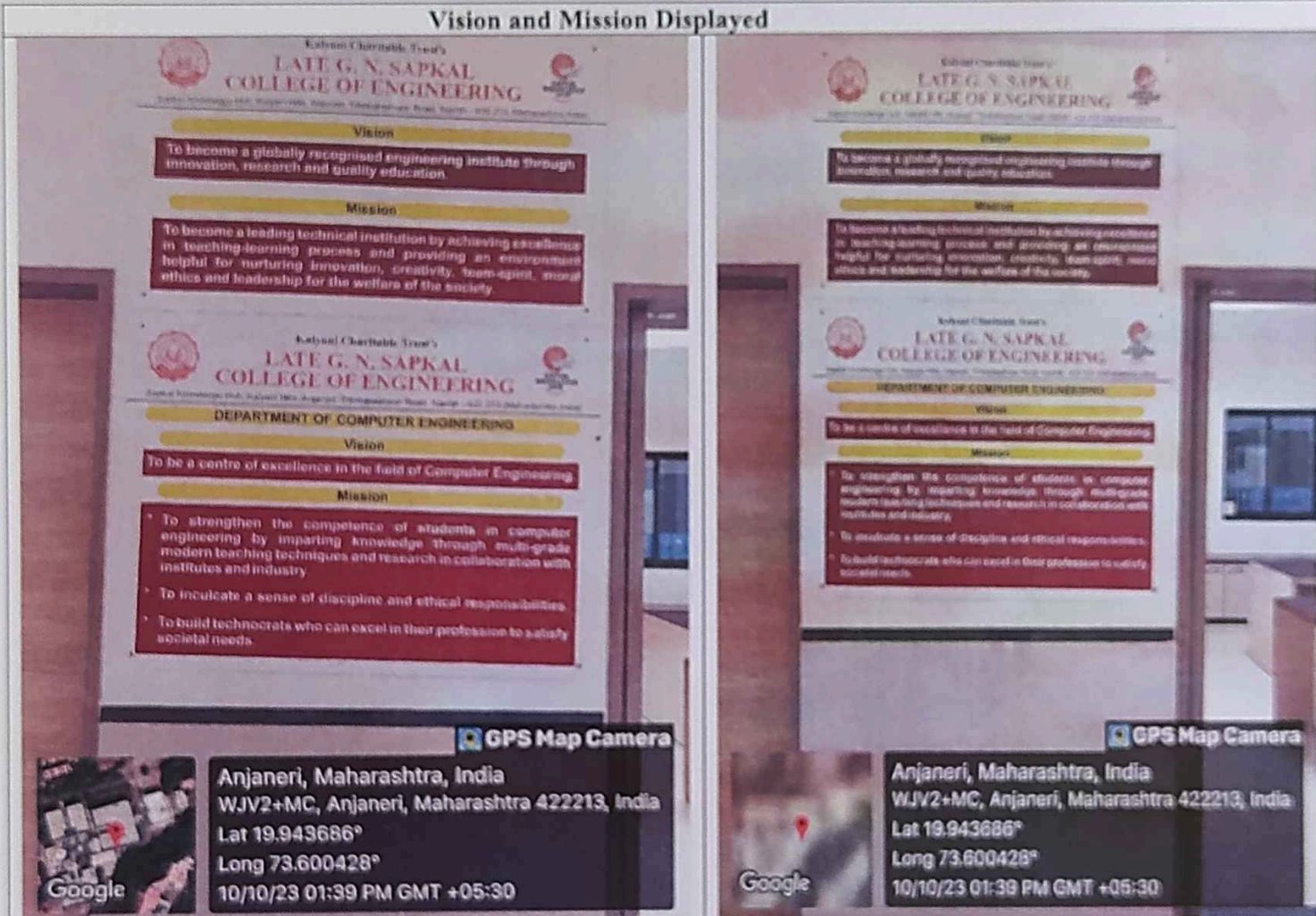
Kalyani Hills, Anjaneri-Vadholi, Trim bakeshwar Road, Dist. Nashik - 422 212 (India)
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Department Of Computer Engineering

Dissemination of POs, PEOs and PSOs

Vision and Mission Displayed



HOD Cabin





KALYANI CHARITABLE TRUST'S LATE G. N. SAPKAL COLLEGE OF ENGINEERING

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Department Of Computer Engineering

Dissemination of POs, PEOs and PSOs

POs, PEOs and PSOs displayed



Kalyani Charitable Trust's

LATE G. N. SAPKAL COLLEGE OF ENGINEERING



Sapkal Knowledge Hub, Kalyani Hills, Anjaneri, Trimbakeshwar Road, Nashik - 422 213 (Maharashtra, India)

DEPARTMENT OF COMPUTER ENGINEERING

Program Educational Objectives (PEOs) (PG)

The objectives of the compute engineering post graduate program are:

1. To prepare graduates who will achieve peer-recognition; as an individual or in a team; through demonstration of good analytical, design and implementation skills.
2. Graduates will have become effective collaborators & innovators, leading or participating in efforts to address social, technical and business challenges.

GPS Map Camera



Anjaneri, Maharashtra, India
WJV2+MC, Anjaneri, Maharashtra 422213, India
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Kalyani Charitable Trust's

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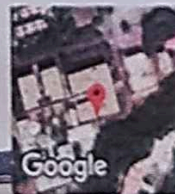
DEPARTMENT OF COMPUTER ENGINEERING

Program Specific Outcomes (PSOs)(PG)

Student are expected to know and be able to

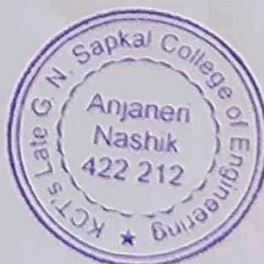
1. Understand, analyze and develop software in the areas related to networking, system software, multimedia, web design, big data analytics, and algorithms for efficient design of computer-based systems of varying.
2. Apply standard practices and strategies in software project development using open-ended programming environments to deliver a quality product for business success.

GPS Map Camera



Anjaneri, Maharashtra, India
WJV2+MC, Anjaneri, Maharashtra 422213, India
Lat 19.943745°
Long 73.600459°
10/10/23 01:41 PM GMT +05:30

Class Room Passage





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Department Of Computer Engineering

Dissemination of POs, PEOs and PSOs

POs, PEOs and PSOs Displayed

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 Sapkal Knowledge Hub, Kalyani Hills, Anjaneri, Trimbakeshwar Road, Nashik - 422 212 (Maharashtra, India)

DEPARTMENT OF COMPUTER ENGINEERING
Program Outcomes (POs)(UG)

Students are expected to know and be able to:

1. Apply knowledge of mathematics, science, engineering fundamentals, problem solving skills, algorithmic analysis and mathematical modelling to the solution of complex engineering problems.
2. Analyse the problem by finding its domain and applying domain specific skills.
3. Understand the design issues of the product/software and develop effective solutions with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.
4. Find solutions of complex problems by conducting investigations applying suitable techniques.
5. Adapt the usage of modern tools and recent software.
6. Contribute towards the society by understanding the impact of Engineering on global aspect.
7. Understand environment issues and design a sustainable system.
8. Understand and follow professional ethics.
9. Function effectively as an individual and as member or leader in diverse teams and interdisciplinary settings.
10. Demonstrate effective communication at various levels.
11. Apply the knowledge of Computer Engineering for development of projects, and its finance and management.
12. Keep in touch with current technologies and inculcate the practice of lifelong learning.

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DEPARTMENT OF COMPUTER ENGINEERING
Program Educational Objectives (PEOs)(UG)

The objectives of the computer engineering undergraduate program are:

1. To prepare students with sound knowledge in mathematical, scientific & engineering fundamentals so as to enable them to have successful career in Computer Engineering (Pre-preparation).
2. To prepare students to adopt to emerging technologies in Computer Engineering (Core Competence).
3. To enable students to deploy their knowledge and skills in multidisciplinary fields (Breadth).
4. To inculcate professional attributes and ethics to work in team (Professionalism).


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DEPARTMENT OF COMPUTER ENGINEERING
Program Specific Outcomes (PSOs)(UG)

Students are expected to know and be able to

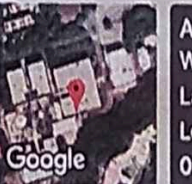
1. Understand, analyze and develop computer programs in the areas related to algorithms, system software, multimedia, web design, big data analytics, and networking for efficient design of computer-based systems of varying.
2. Apply standard practices and strategies in software project development using open-ended programming environments to deliver a quality product for business success.
3. Employ modern computer languages, environments, and platforms in creating innovative career paths to be an entrepreneur.

GPS Map Camera



Anjaneri, Maharashtra, India
 WJV2+MC, Anjaneri, Maharashtra 422213, India
 Lat 19.943838°
 Long 73.600519°
 03/01/24 02:01 PM GMT +05:30

GPS Map Camera



Anjaneri, Maharashtra, India
 WJV2+MC, Anjaneri, Maharashtra 422213, India
 Lat 19.94374°
 Long 73.60041°
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Department Of Computer Engineering

Dissemination of POs, PEOs and PSOs

POs, PEOs and PSOs displayed



Kalyani Charitable Trust's
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COLLEGE OF ENGINEERING**



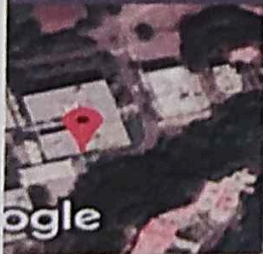
Sapkal Knowledge Hub, Kalyani Hills, Anjaneri, Trimbakeshwar Road, Nashik - 422 213 (Maharashtra, India)

**DEPARTMENT OF COMPUTER ENGINEERING
Program Outcomes (POs)(PG)**

Students are expected to know and be able to:

- 1. Apply in-depth knowledge to evaluate and analyse complex engineering problems critically.**
- 2. Find feasible and optimal solutions of complex engineering problems by considering societal and environmental factors.**
- 3. Extract information to unfamiliar problems through researching the literature, apply suitable research methodology, techniques and tools for the development of projects, its finance and management.**
- 4. Adapt the usage of modern tools, software and to keep in touch with current technologies and inculcate investigative culture, to complex engineering activities with an understanding of limitations.**
- 5. Develop research attitude and multidisciplinary approach to demonstrate a capacity for self-management and teamwork to achieve common goals.**

GPS Map Camera



**Anjaneri, Maharashtra, India
WJV2+MC, Anjaneri, Maharashtra 422213, India
Lat 19.943745°
Long 73.600462°
10/10/23 01:41 PM GMT +05:30**





Kalyani Charitable Trust's

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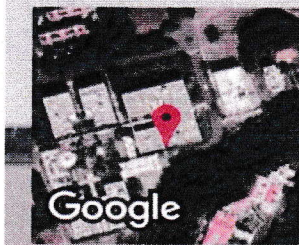


DEPARTMENT OF COMPUTER ENGINEERING

Program Specific Outcomes (PSOs)(PG)

Students are expected to know and be able to

1. Understand, analyze and develop software in the areas related to networking, system software, multimedia, web design, big data analytics, and algorithms for efficient design of computer-based systems of varying.
2. Apply standard practices and strategies in software project development using open-ended programming environments to deliver a quality product for business success.



GPS Map Camera

Anjaneri, Maharashtra, India
WJV2+MC, Anjaneri, Maharashtra 422213, India
Lat 19.943745°
Long 73.600459°
10/10/23 01:41 PM GMT +05:30



Prof. (Dr.) N. R. Wankhade
Head of Department

Prof. (Dr.) Sahebrao B. Bagal
Principal



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Department of Electrical Engineering

Dissemination of POs, PEOs and PSOs

POs, PEOs and PSOs displayed

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Sapkal Knowledge Hub, Kalyani Hills, Anjaneri, Trim bakeshwar Road, Nashik - 422 212 (Maharashtra, India)

DEPARTMENT OF ELECTRICAL ENGINEERING
Program Educational Objectives (PEOs)(UG)

The objectives of the electrical engineering undergraduate program are:

1. To prepare students with sound knowledge in mathematical, scientific and engineering fundamentals so as to enable them to have successful career in Electrical Engineering
2. To prepare students to adopt to emerging technologies in Electrical Engineering.
3. To enable students to deploy their knowledge and skills in multidisciplinary fields
4. To inculcate professional attributes and ethics to work team.

GPS Map Camera

Anjaneri, Maharashtra, India
WJV2+MC, Anjaneri, Maharashtra 422213, India
Lat 19.94372°
Long 73.600412°
14/10/23 04:13 PM GMT +05:30

Google

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Sapkal Knowledge Hub, Kalyani Hills, Anjaneri, Trim bakeshwar Road, Nashik - 422 212 (Maharashtra, India)

DEPARTMENT OF ELECTRICAL ENGINEERING
Program Specific Outcomes (PSOs)(UG)

At the end of this program, graduate will be able to:

1. Apply knowledge of mathematics, science and electrical engineering fundamentals to solve complex problems in energy and power sector.
2. To develop ability to analyse, design & test solar system for providing solutions to existing energy challenges.

GPS Map Camera

Anjaneri, Maharashtra, India
WJV2+MC, Anjaneri, Maharashtra 422213, India
Lat 19.94372°
Long 73.600412°
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Google

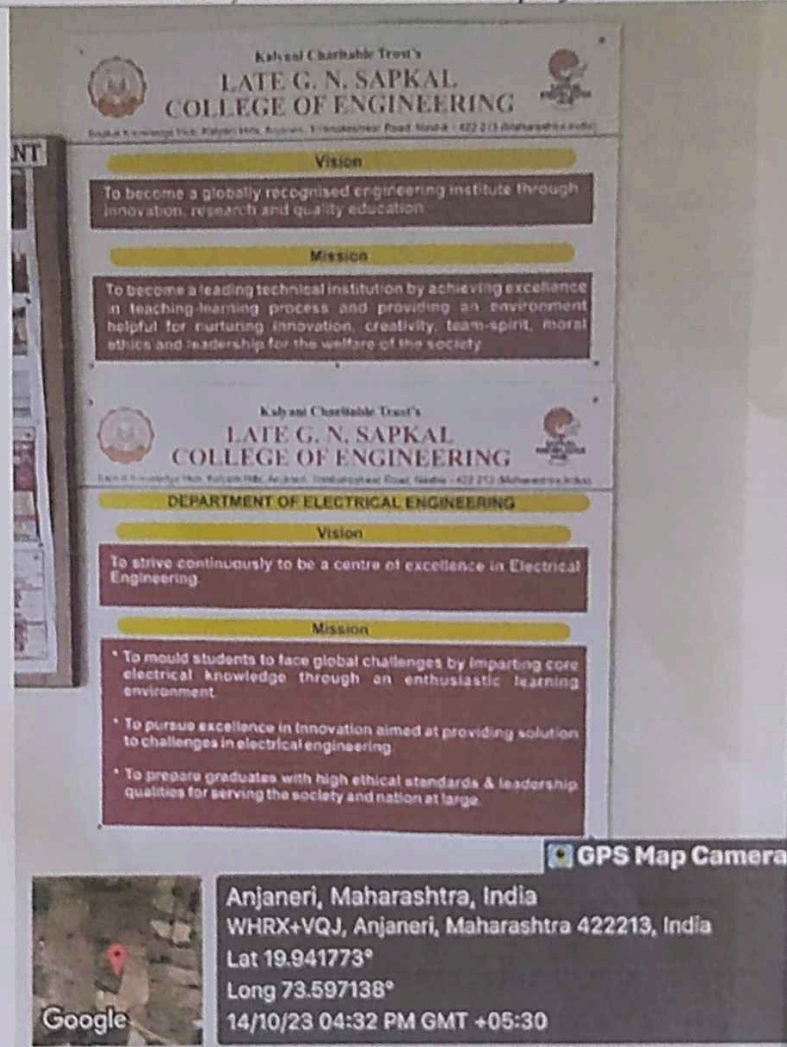
Class Room Passage



Department of Electrical Engineering

Dissemination of POs, PEOs and PSOs

POs, PEOs and PSOs displayed



The photograph shows a display board with two sections. The top section is for the college and the bottom section is for the Department of Electrical Engineering. Both sections include a vision and mission statement. A GPS Map Camera overlay is visible at the bottom right of the board, providing location and time information.

**Kalyani Charitable Trust's
LATE G. N. SAPKAL
COLLEGE OF ENGINEERING**
Sapkalknowledgehub.org, Kalyani Hills, Anjaneri, Trimbakeshwar Road, Nashik - 422 212 (Maharashtra, India)

Vision
To become a globally recognised engineering institute through innovation, research and quality education.

Mission
To become a leading technical institution by achieving excellence in teaching-learning process and providing an environment helpful for nurturing innovation, creativity, team-spirit, moral ethics and leadership for the welfare of the society.

**Kalyani Charitable Trust's
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DEPARTMENT OF ELECTRICAL ENGINEERING

Vision
To strive continuously to be a centre of excellence in Electrical Engineering.

Mission

- To mould students to face global challenges by imparting core electrical knowledge through an enthusiastic learning environment.
- To pursue excellence in innovation aimed at providing solution to challenges in electrical engineering.
- To prepare graduates with high ethical standards & leadership qualities for serving the society and nation at large.

GPS Map Camera
Anjaneri, Maharashtra, India
WHRX+VQJ, Anjaneri, Maharashtra 422213, India
Lat 19.941773°
Long 73.597138°
14/10/23 04:32 PM GMT +05:30

Google

HOD Cabin





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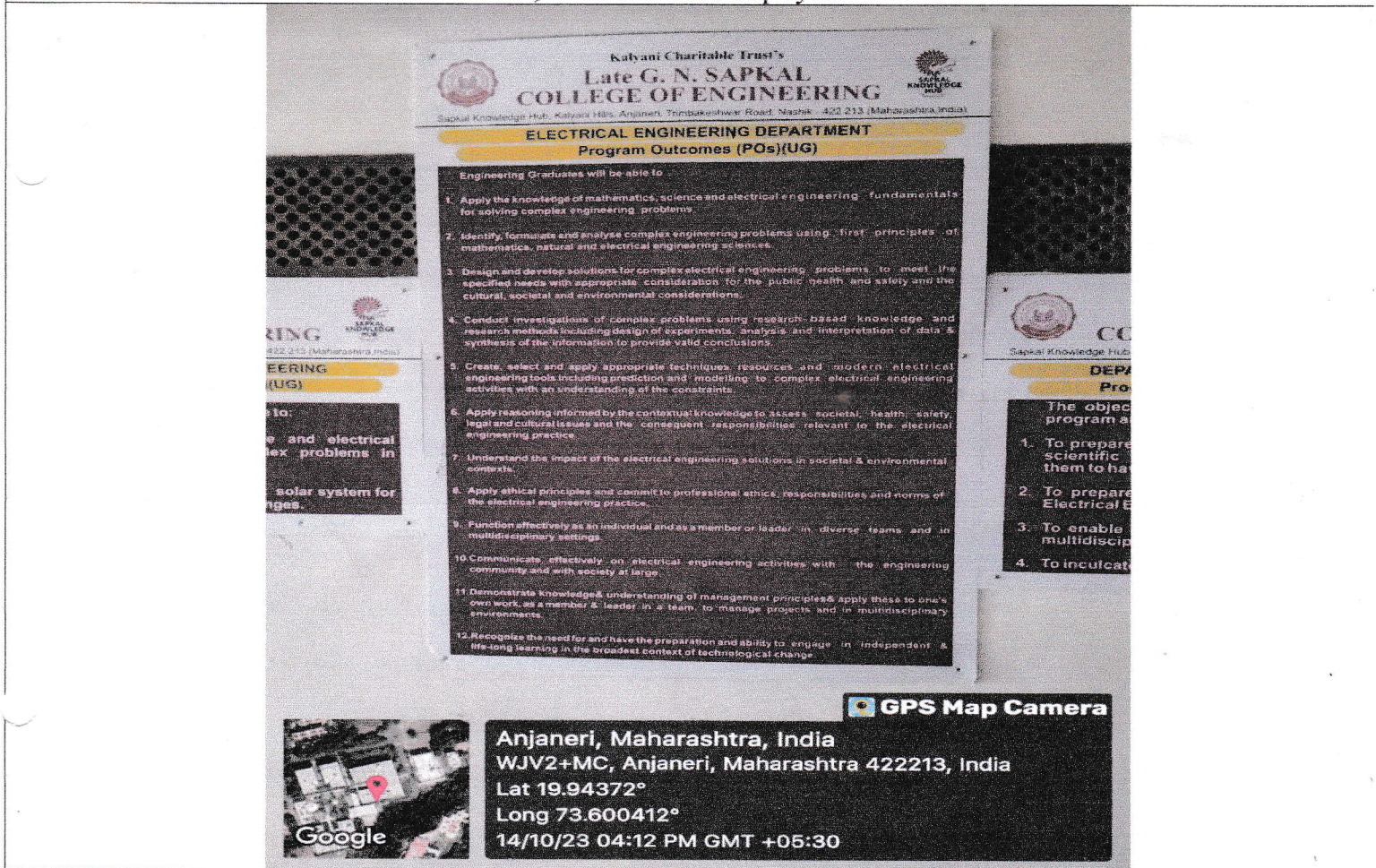
Website: www.sapkalknowledgehub.org, E-mail: gns_engineering@sapkalknowledgehub.com



Department of Electrical Engineering

Dissemination of POs, PEOs and PSOs

POs, PEOs and PSOs displayed



Prof. P. R. Gajare
Dept. CO-PO Coordinator



Prof. R. N. Baji
H.O.D

Prof. (Dr.) Sahabrao B. Bagal
Principal

Late G. N. Sapkal College of Engineering
Anjaneri, Nashik-422 213.



Kalyani Charitable Trust's Late G. N. Sapkal College of Engineering

Kalyani Hills, Anjaneri, Trimbakeshwar Road,
Nashik – 422 213



Department of Civil Engineering

Dissemination of POs, PEOs and PSOs

Vision and Mission Displayed

Kalyani Charitable Trust's
LATE G. N. SAPKAL COLLEGE OF ENGINEERING
Sapkal Knowledge Hub, Kalyani Hills, Anjaneri, Trimbakeshwar Road, Nashik - 422 213 (Maharashtra, India)

Vision

To become a globally recognised engineering institute through innovation, research and quality education.

Mission

To become a leading technical institution by achieving excellence in teaching-learning process and providing an environment helpful for nurturing innovation, creativity, team-spirit, moral ethics and leadership for the welfare of the society.

Latitude: 19.952646
Longitude: 73.586432
Elevation: 773.39±17 m
Accuracy: 121.1 m
Time: 04-01-2024 10:55
Note: Civil Engineering Building
Late G N Sapkal College of Engineering Nashik

Kalyani Charitable Trust's
LATE G. N. SAPKAL COLLEGE OF ENGINEERING
Sapkal Knowledge Hub, Kalyani Hills, Anjaneri, Trimbakeshwar Road, Nashik - 422 213 (Maharashtra, India)

DEPARTMENT OF CIVIL ENGINEERING

Vision

To be a department of excellence that produces engineers with high technical competencies to meet the current and future challenges in civil engineering.

Mission

- To produce graduates of high caliber, technical skills and ethical values to serve the society and nation.
- To promote innovative and original thinking in the minds of budding engineers to face future challenges.
- To provide knowledge base and consultancy services to the society.

Latitude: 19.943891
Longitude: 73.60045
Elevation: 773.39±17 m
Accuracy: 900.0 m
Time: 04-01-2024 10:56
Note: Civil Engineering Building
Late G N Sapkal College of Engineering Nashik

Ground Floor

PEOs and PSOs Displayed (UG)

Kalyani Charitable Trust's
LATE G. N. SAPKAL COLLEGE OF ENGINEERING
Sapkal Knowledge Hub, Kalyani Hills, Anjaneri, Trimbakeshwar Road, Nashik - 422 213 (Maharashtra, India)

DEPARTMENT OF CIVIL ENGINEERING

Program Educational Objectives (PEOs)(UG)

The objectives of the civil engineering undergraduate program are:

- To prepare students with sound knowledge in mathematical, scientific and engineering fundamentals so as to enable them to have successful career in Civil Engineering (Pre-preparation).
- To prepare students to adapt to emerging technologies in Civil Engineering (Core Competence).
- To enable students to deploy their knowledge and skills in multidisciplinary fields (Breadth).
- To inculcate professional attributes and ethics to work in team (Professionalism).

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Longitude: 73.594194
Accuracy: 2100.0 m
Time: 04-01-2024 10:12
Note: Civil Engineering Building
Late G N Sapkal College of Engineering Nashik

Kalyani Charitable Trust's
LATE G. N. SAPKAL COLLEGE OF ENGINEERING
Sapkal Knowledge Hub, Kalyani Hills, Anjaneri, Trimbakeshwar Road, Nashik - 422 213 (Maharashtra, India)

DEPARTMENT OF CIVIL ENGINEERING

Program Specific Outcomes (PSOs)(UG)

Civil engineering graduates will be able to:

- Analyse & design various civil engineering structures & roads.
- Understand rate analysis, quantity survey, field survey, project management tools, project cost estimation preparation and project planning.
- Understand water pollution and design various components of sewage treatment plant and water treatment plant.

Latitude: 19.944661
Longitude: 73.597138
Accuracy: 1000.0 m
Time: 04-01-2024 10:17
Note: Civil Engineering Building
Late G N Sapkal College of Engineering Nashik

Ground Floor





Kalyani Charitable Trust's Late G. N. Sapkal College of Engineering

Kalyani Hills, Anjaneri, Trimbakeshwar Road,
Nashik - 422 213



Department of Civil Engineering

Dissemination of POs, PEOs and PSOs

POs Displayed (UG)

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Nashik - 422 213 (Maharashtra, India)



IEERING
(PEOs)(UG)

graduate program are:

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(Pre-preparation).

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ethics to work in team



Kalyani Charitable Trust's

LATE G. N. SAPKAL COLLEGE OF ENGINEERING

Sapkal Knowledge Hub, Kalyani Hills, Anjaneri, Trimbakeshwar Road, Nashik - 422 213 (Maharashtra, India)



DEPARTMENT OF CIVIL ENGINEERING

Program Outcomes (POs)(UG)

Civil engineering graduates will be able to:

1. Apply the knowledge of mathematics, science and civil engineering fundamentals for solving complex engineering problems.
2. Identify, formulate & analyse complex engineering problems using first principles of mathematics, natural and civil engineering sciences.
3. Design & develop solutions for complex civil engineering problems to meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. Conduct investigations of complex problems using research-based knowledge and research methods including design of experiments, analysis & interpretation of data, and synthesis of the information to provide valid conclusions.
5. Create, select, and apply appropriate techniques, resources, and modern civil engineering tools including prediction and modelling to complex civil engineering activities with an understanding of the constraints.
6. Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal & cultural issues & the consequent responsibilities relevant to the civil engineering practice.
7. Understand the impact of the civil engineering solutions in societal and environmental contexts.
8. Apply ethical principles and commit to professional ethics, responsibilities and norms of the civil engineering practice.
9. Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. Communicate effectively on civil engineering activities with the engineering community and with society at large.
11. Demonstrate knowledge and understanding of management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Latitude: 19.945327

Longitude: 73.592722

Accuracy: 1100.0 m

Time: 04-01-2024 10:16

Note: Civil Engineering Building

Late G N Sapkal College of Engineering Nashik

Ground Floor





Kalyani Charitable Trust's Late G. N. Sapkal College of Engineering

Kalyani Hills, Anjaneri, Trimbakeshwar Road,
Nashik – 422 213



Department of Civil Engineering

Dissemination of POs, PEOs and PSOs
PEOs and PSOs Displayed (PG)

Kalyani Charitable Trust's
LATE G. N. SAPKAL COLLEGE OF ENGINEERING
Sapkal Knowledge Hub, Kalyani Hills, Anjaneri, Trimbakeshwar Road, Nashik - 422 213 (Maharashtra, India)

DEPARTMENT OF CIVIL ENGINEERING
Program Educational Objectives (PEOs)(PG)

The objectives of the civil engineering postgraduate program are:

1. To prepare graduates who will achieve peer-recognition; as an individual or in a team; through demonstration of good analytical, design and implementation skills.
2. To prepare graduates to become effective collaborators and innovators and lead or participate in efforts to address social, technical and business challenges.

Latitude: 19.942669
Longitude: 73.598978
Accuracy: 2200.0 m
Time: 04-01-2024 10:18
Note: Civil Engineering Building
Late G N Sapkal College of Engineering Nashik

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LATE G. N. SAPKAL COLLEGE OF ENGINEERING
Sapkal Knowledge Hub, Kalyani Hills, Anjaneri, Trimbakeshwar Road, Nashik - 422 213 (Maharashtra, India)

DEPARTMENT OF CIVIL ENGINEERING
Program Specific Outcomes (PSOs)(PG)

Students are expected to know and be able to:

1. Understand, analyse and design earthquake and fire resistant structures.
2. Understand and apply various retrofitting techniques for structures damaged by seismic activities.

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Accuracy: 2200.0 m
Time: 04-01-2024 10:20
Note: Civil Engineering Building
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POs Displayed (PG)

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Sapkal Knowledge Hub, Kalyani Hills, Anjaneri, Trimbakeshwar Road, Nashik - 422 213 (Maharashtra, India)

DEPARTMENT OF CIVIL ENGINEERING
Program Outcomes (POs)(PG)

Students are expected to know and be able to:

1. Apply in-depth knowledge to evaluate & analyse complex engineering problems critically.
2. Find feasible and optimal solutions of complex engineering problems by considering societal and environmental factors.
3. Extract information to unfamiliar problems through researching the literature, apply suitable research methodology, techniques and tools for the development of projects, its finance and management.
4. Adapt the usage of modern tools, software and to keep in touch with current technologies and inculcate investigative culture, to complex engineering activities with an understanding of limitations.
5. Develop research attitude and multidisciplinary approach to demonstrate a capacity for self-management and teamwork to achieve common goals.

Latitude: 19.942669
Longitude: 73.598978
Accuracy: 2200.0 m
Time: 04-01-2024 10:19
Note: Civil Engineering Building
Late G N Sapkal College of Engineering Nashik

Ground Floor



Prof.(Dr.) Sanebrao B. Bagal
Principal
Late G N Sapkal College of Engineering

Prof. K. A. Salunke
Head of Department
(Civil Engineering)

KALYANI CHARITABLE TRUST'S

LATE G. N. SAPKAL COLLEGE OF ENGINEERING

Kalyani Hills, Anjaneri-Vadholi, Trimbakeshwar Road, Dist: Nashik - 422 212 (India)
 Tel.: +91 - 2594 - 220168/71, Fax : +91 - 2594 - 220174
 Website: www.sapkalknowledgehub.org, E-mail: gns_engineering@sapkalknowledgehub.com




Department of Mechanical Engineering

Dissemination of Cos

POs, PEOs and PSOs displayed

Kalyani Charitable Trust's
**LATE G. N. SAPKAL
COLLEGE OF ENGINEERING**

VISION

To become a globally recognised engineering institute through innovation, research and quality education

Mission

To become a leading technical institution by achieving excellence in teaching-learning process and providing an environment helpful for nurturing innovation, creativity, team-spirit, moral values and leadership for the welfare of the society.

Kalyani Charitable Trust's
**LATE G. N. SAPKAL
COLLEGE OF ENGINEERING**

DEPARTMENT OF MECHANICAL ENGINEERING

VISION

To be recognized as a leader in Mechanical engineering through excellence in education and research

MISSION

- * To mould students to be globally competitive mechanical engineers by providing an environment of academic excellence that nurtures the creativity and innovativeness in them.
- * To educate students about moral, professional and ethical responsibilities for the betterment of society and to develop qualities for self-sustained growth.

 **GPS Map Camera**

Anjaneri, Maharashtra, India
WHRX+VQJ, Anjaneri, Maharashtra 422213, India
Lat 19.942241°
Long 73.598995°
02/11/23 01:51 PM GMT +05:30







KALYANI CHARITABLE TRUST'S LATE G. N. SAPKAL COLLEGE OF ENGINEERING

Kalyani Hills, Anjaneri-Vadholi, Trimbakeshwar Road, Dist: Nashik - 422 212 (India)
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**DEPARTMENT OF MECHANICAL ENGINEERING
Program Educational Objectives (PEOs)(UG)**

The objectives of the Mechanical Engineering undergraduate program are:

1. To prepare students with sound knowledge in mathematical, scientific & engineering fundamentals so as to enable them to have successful career in Mechanical Engineering (*Pre-preparation*).
2. To prepare students to adopt to emerging technologies in Mechanical Engineering (*Core Competence*).
3. To enable students to deploy their knowledge and skills in multidisciplinary fields (*Breadth*).
4. To inculcate professional attributes and ethics to work in (*Professionalism*).

Anjaneri, Maharashtra, India
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GPS Map

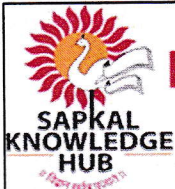
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**DEPARTMENT OF MECHANICAL ENGINEERING
Program Specific Outcomes (PSOs)(UG)**

At the end of this program, graduate will be able to:

1. Apply and interpret the acquired Mechanical Engineering knowledge for the advancement of society, by imparting essential skills to become



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Sapkal Knowledge Hub, Kalyani Hills, Anjaneri, Trimbakeshwar Road, Nashik - 422 212 (Maharashtra, India)

DEPARTMENT OF MECHANICAL ENGINEERING
Program Outcomes (POs)(UG)

Engineering Graduates will be able to:

1. Apply the knowledge of mathematics, science, & mechanical engineering fundamentals to the solution of complex engineering problems.
2. Identify, formulate, review research literature, & analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural & mechanical engineering sciences.
3. Design and develop solutions for complex mechanical engineering problems & design system components or processes to meet the specified needs with appropriate consideration for the public health and safety, & the cultural, societal, & environmental considerations.
4. Conduct investigations of complex problems using research-based knowledge and research methods including design of experiments, analysis & interpretation of data, & synthesis of the information to provide valid conclusions.
5. Create, select, & apply appropriate techniques, resources, & modern mechanical engineering tools such as CAD, CAM & CAE including prediction & modeling to complex mechanical engineering activities with an understanding of the limitations.
6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal & cultural issues & the consequent responsibilities relevant to the mechanical engineering practice.
7. Understand the impact of the mechanical engineering solutions in societal & environmental contexts.
8. Apply ethical principles & commit to professional ethics & responsibilities & norms of the mechanical engineering practice.
9. Function effectively as an individual, & as a member or leader in diverse teams, & in multidisciplinary settings.
10. Communicate effectively on mechanical engineering activities with the engineering community and with society at large.
11. Demonstrate knowledge & understanding of management principles & apply these to one's own work, as a member & leader in a team, to manage projects and in multidisciplinary environments.
12. Recognize the need for, & have the preparation and ability to engage in independent & life-long learning in the broadest context of technological change.

Anjaneri, Maharashtra, India
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Shinde

Prof C. P. Shinde
Criteria Coordinator

Badgujar

Prof. Dr. T. Y. Badgujar
H.O.D Mech. Department

Sahebrao

Prof.(Dr.) Sahebrao B. Sahebrao