Additional information for communication of PO and Pos

FIRST FLOOR
PRATHYUSHA ENGINEERING COLLEGE
Prathyusha Engineering College (PEC)
Tirur, Tamil Nadu, India
CSE IT Block, PITAM, Tirur, Tamil Nadu 602025, India
Lat N 13° 5' 30.5196"
Long E 79° 58' 24.8016"
25/01/21 01:12 PM

PRATHYUSHA ENGINEERING COLLEGE
PROGRAMME OUTCOMES (POs)
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DMS
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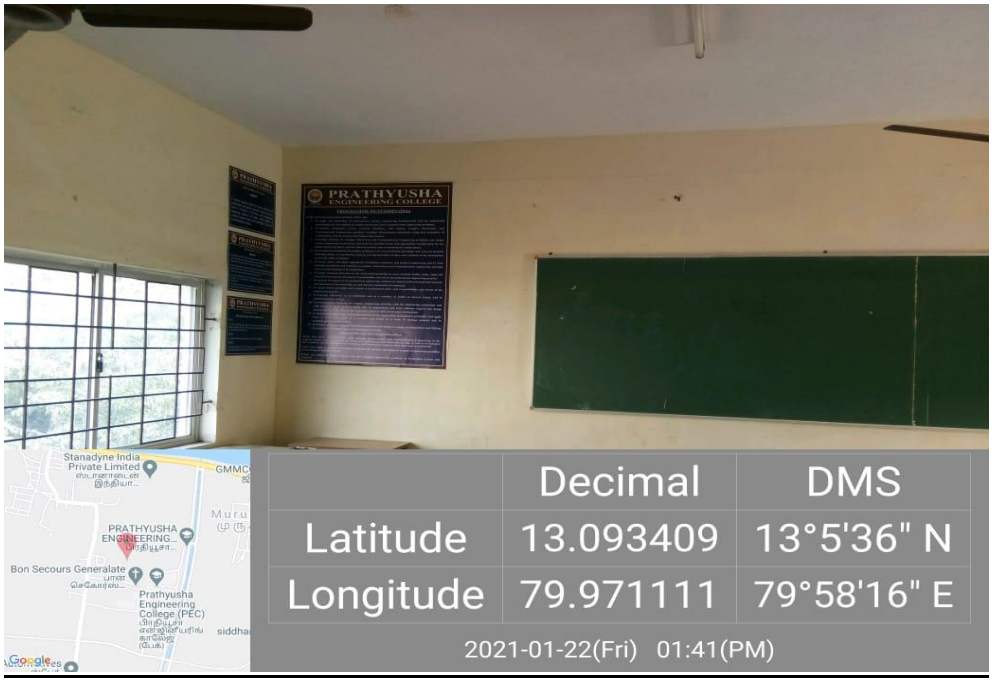
13°5'50" N
Longitude
79.968238
79°58'5" E
2021-01-22(Fri) 01:37(PM)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ENGINEERING COLLEGE
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Bon Secours Generalate
Prathyusha Engineering College (PEC)
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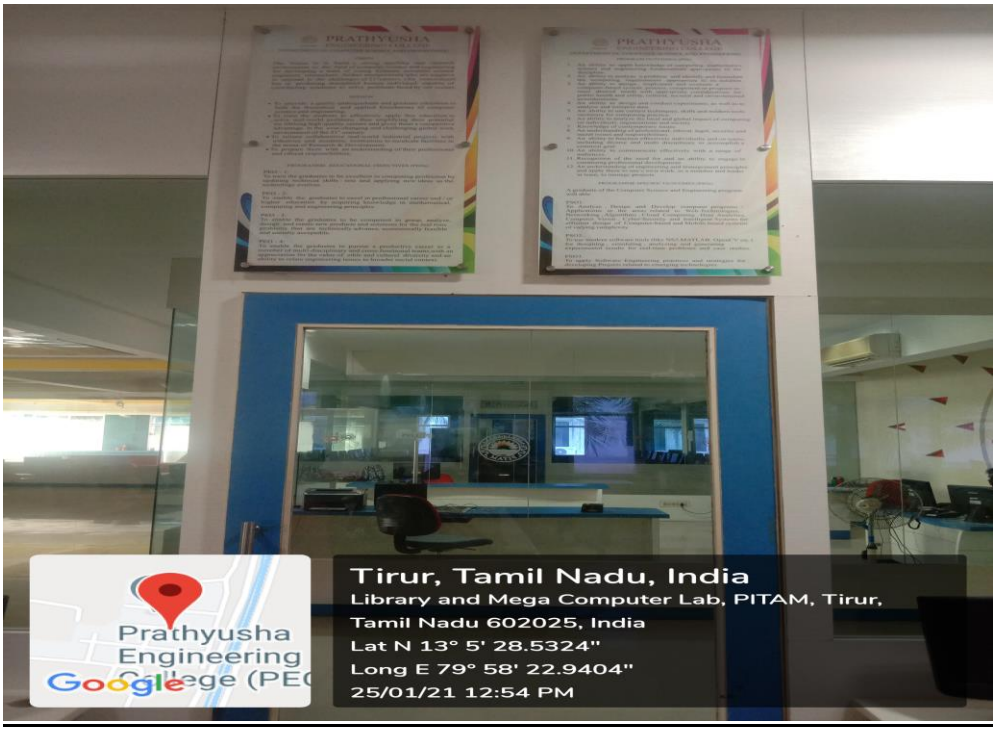
Prathyusha Engineering
Google
Tirur, Tamil Nadu, India
Library and Mega Computer Lab, PITAM, Tirur,
Tamil Nadu 602025, India
Lat N 13° 5' 28.5324"
Long E 79° 58' 22.9404"
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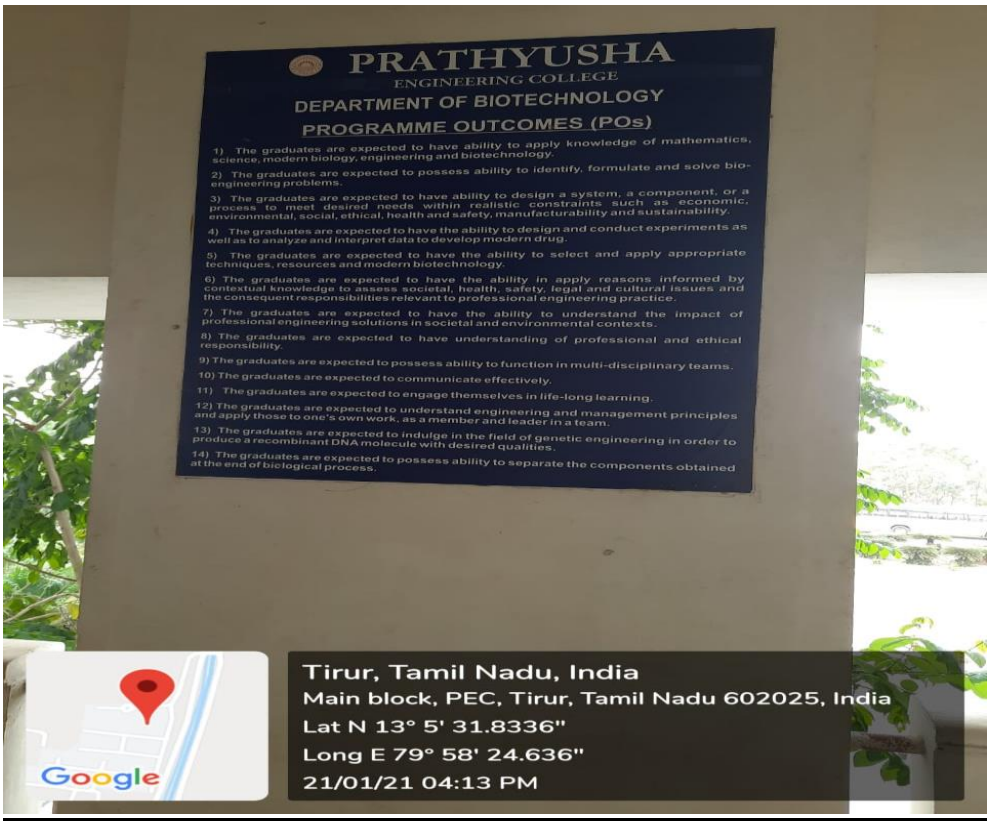
PRATHYUSHA
ENGINEERING COLLEGE
DEPARTMENT OF BIOTECHNOLOGY
PROGRAMME OUTCOMES (POs)
1) The graduates are expected to have ability to apply knowledge of mathematics, science, modern biology, engineering and biotechnology.
2) The graduates are expected to possess ability to identify, formulate and solve bio-engineering problems.
3) The graduates are expected to have ability to design a system, a component, or a process to meet desired needs within realistic constraints such as economic, environmental, social, ethical, health and safety, manufacturability and sustainability.
4) The graduates are expected to have the ability to design and conduct experiments as well as to analyze and interpret data to develop modern drug.
5) The graduates are expected to have the ability to select and apply appropriate techniques, resources and modern biotechnology.
6) The graduates are expected to have the ability in apply reasons informed by contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to professional engineering practice.
7) The graduates are expected to have the ability to understand the impact of professional engineering solutions in societal and environmental contexts.
8) The graduates are expected to have understanding of professional and ethical responsibility.
9) The graduates are expected to possess ability to function in multi-disciplinary teams.
10) The graduates are expected to communicate effectively.
11) The graduates are expected to engage themselves in life-long learning.
12) The graduates are expected to understand engineering and management principles and apply those to one's own work, as a member and leader in a team.
13) The graduates are expected to indulge in the field of genetic engineering in order to produce a recombinant DNA molecule with desired qualities.
14) The graduates are expected to possess ability to separate the components obtained at the end of biological process.
Google
Tirur, Tamil Nadu, India
Main block, PEC, Tirur, Tamil Nadu 602025, India
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PRATHYUSHA
ENGINEERING COLLEGE
PROGRAMME OUTCOMES (POs)
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PRATHYUSHA
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PRATHYUSHA
ENGINEERING COLLEGE
DEPARTMENT OF BIOTECHNOLOGY
LIST OF DEPARTMENT SPECIFIC OUTCOMES (PSO)
PSO-1:
The graduates are expected to indulge in the field of genetic engineering in order to produce recombinant DNA molecules with desired qualities
PSO-2:
The graduates are expected to possess ability to separate the components obtained at the end of biological process.
PSO-3:
The graduates are expected high caliber to solve societal problems like food, environment, agriculture, health etc.,
Prathyusha
Google
Tirur, Tamil Nadu, India
Main block, PEC, Tirur, Tamil Nadu 602025, India
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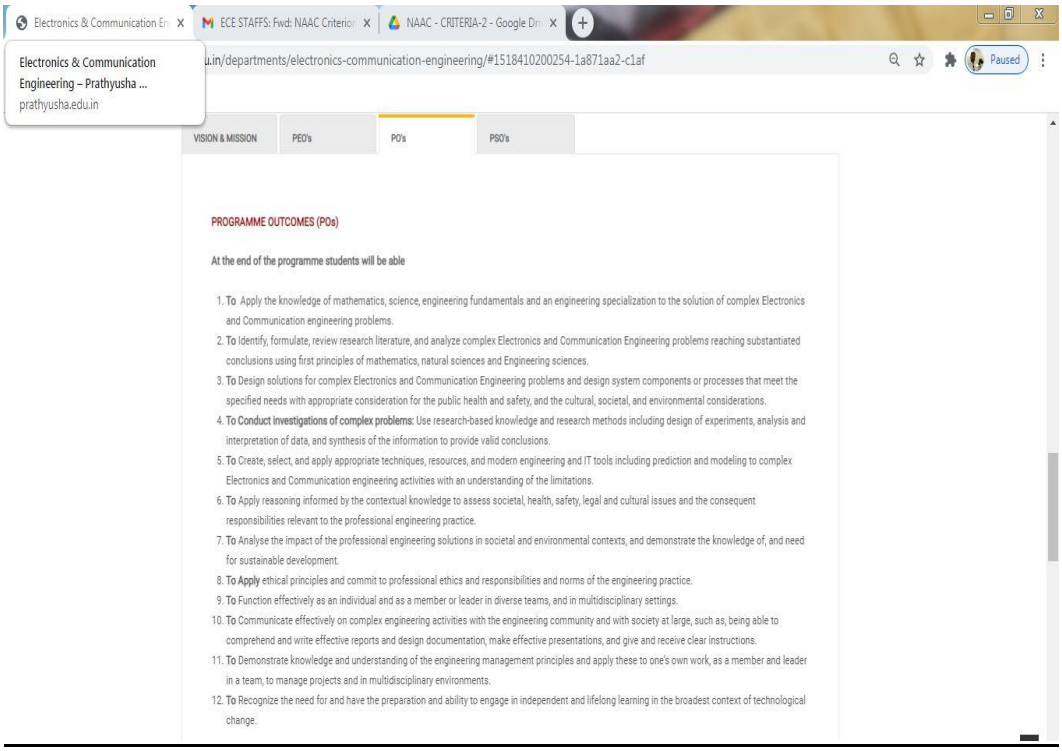
Electronics & Communication Engineering – Prathyusha ...
prathyusha.edu.in
ECE STAFFS: Fwd: NAAC Criterion
NAAC - CRITERIA-2 - Google Dri
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VISION & MISSION
PEO's
PO's
PSO's
PROGRAMME OUTCOMES (POs)
At the end of the programme students will be able
1. To Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex Electronics and Communication engineering problems.
2. To Identify, formulate, review research literature, and analyze complex Electronics and Communication Engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and Engineering sciences.
3. To Design solutions for complex Electronics and Communication Engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. To Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. To Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex Electronics and Communication engineering activities with an understanding of the limitations.
6. To Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. To Analyse the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. To Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. To Function effectively as an individual and as a member or leader in diverse teams, and in multidisciplinary settings.
10. To Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. To Demonstrate knowledge and understanding of the engineering 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. To Recognize the need for and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.