ST. JOSEPH'S
COLLEGE OF ENGINEERING AND TECHNOLOGY, - PALAI -

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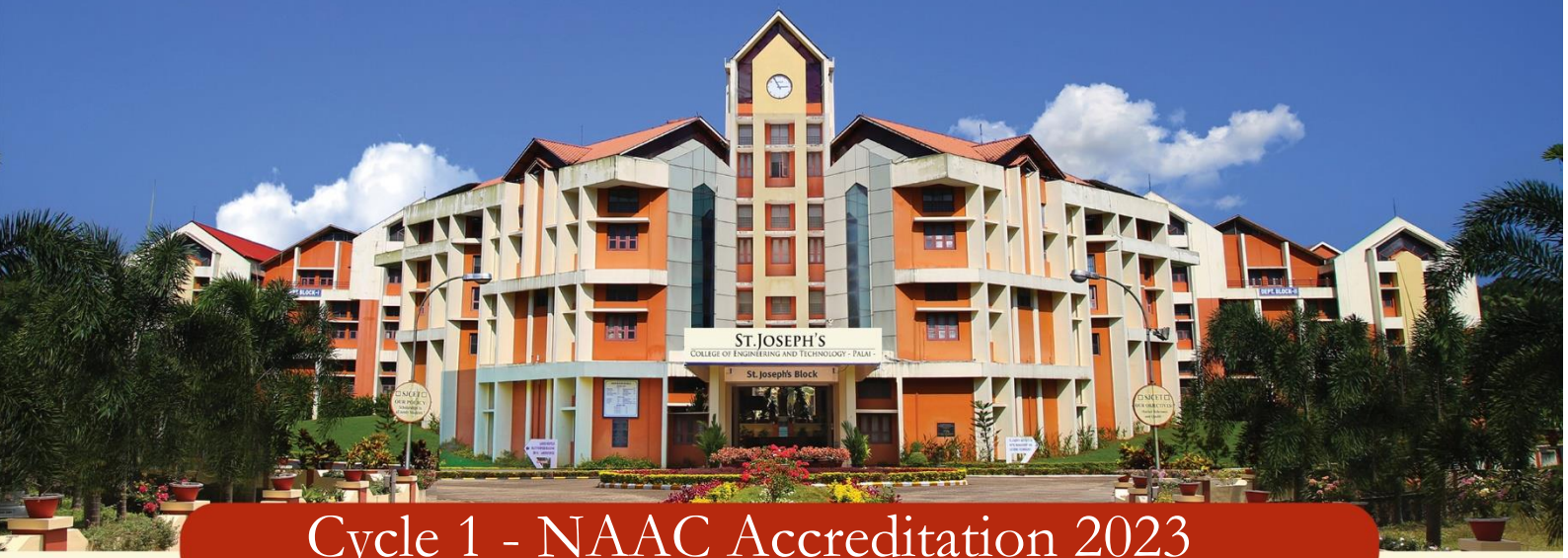

Cycle 1 - NAAC Accreditation 2023

Criterion – 6.3

Faculty Empowerment Strategies

Submitted to:

National Assessment and Accreditation Council

2020-21 FDP Participation

1. 3D printing Design
2. Advanced Certificate Programme in Academic Research and Data Analysis
3. Advancements in Signal Processing & AI
4. Advances in Machining, Manufacturing and Computing Process
5. Advancements in 3D Printing
6. Advancements in Antenna Engineering using Artificial Intelligence
7. Applied Machine Learning _ Datascience
8. Blockchain Fundamentals
9. Business Analytics and Data Science
10. Big Data Computing(NPTEL)
11. Computer Science _ Biology
12. Constitution of India
13. Cyber Security oversight for Information Protection
14. Data Analytics and Machine Learning
15. Data Analytics Machine Learning Tools- Phase-II
16. Deep Learning for Signal Processing - Basics to Implementation
17. Digital Circuits
18. Electric Vechicles
19. Exploring Image Processing and Computer Vision using Python
20. Financial Modelling
21. Forensic in structural and Geotechnical Engineering
22. Frontier of 3D printing
23. Fundamentals of Compressible Flow
24. Green Technology Sustainability Engineering
25. Guidance Counseling Phase 2
26. Guidance Counseling Series 1
27. Guidence Counseling Series 3
28. Hardware in the Loop Simulation Learning and Teaching Tool from Typhoon
29. Incorporating techniques of Blockchain AI
30. Industrial Internet of Things

31. Industry 4
32. Internet of Things (IoT)
33. Introduction to Machine Learning
34. Introduction to Virtual Reality
35. IoT Data Science
36. Leadership Excellence for Academic Development(LEAD)-Elementary
37. Learning Analytic Tools
38. Learning Management System
39. Life skills management- ROAD-Leadership and Excellence
40. Machine Learning with its Mathematical Foundations
41. Mathematics for Engineering Research
42. NLP, Web Scraping, Recommendation System using Deep Learning
43. Outcome Based Education and Quality Assurance in Teaching- Phase 1
44. Outcome Based Education And Quality Assurance In Teaching
45. Outcome Based Education with Assessment and Evaluation
46. Paradigm shift in Assessment and Evaluation Practices for Engineering
47. Pattern Analysis for Speech Signal Processing
48. Performance Improvement in smart grid using AI techniques
49. Photonics
50. Practical Data Science
51. Product Design
52. Professional Ethics
53. Python for Machine Learning
54. Rapid Prototyping
55. Recent Advances in Communication and Networking
56. Recent Advances in seismic and wind load analysis of structures
57. Recent Research Advances in Geotechnical and Geological Engineering
58. Recent research trends in industrial drives and power systems
59. Renewable Energy and Power Electronics for Electric Vehicle Applications
60. Renewable Energy and Power Electronics for Industrial Drives Application –
61. Robust Scalable Web Application Development Using Python
62. Scientific Computing with Python

63. Sensor Technology
64. Solar Energy Technologies and applications
65. Technology Management
66. Trends and Challenges in Digital Business Innovation
67. VLSI Architectures for Digital Signal Processing Systems
68. Waste Valorization towards a Sustainable Environment