

Career Options & Skillset Requirement for ECE Students

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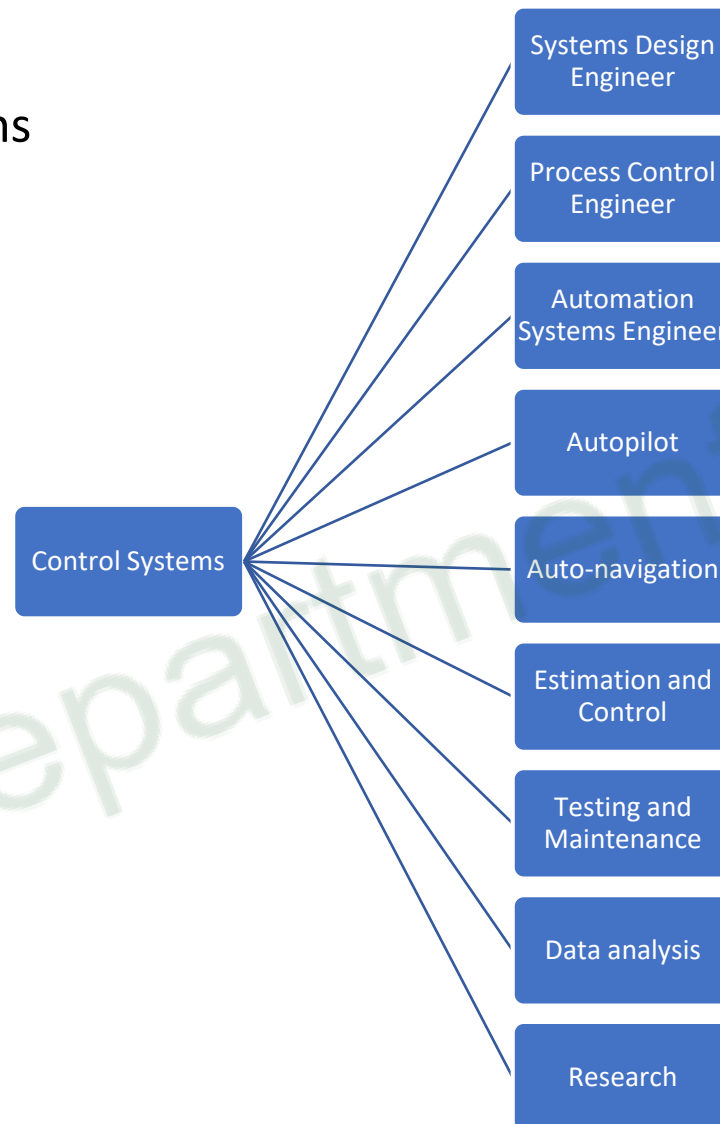
Career paths in Control Systems

Career Path: Control Systems

Faculty in Department:

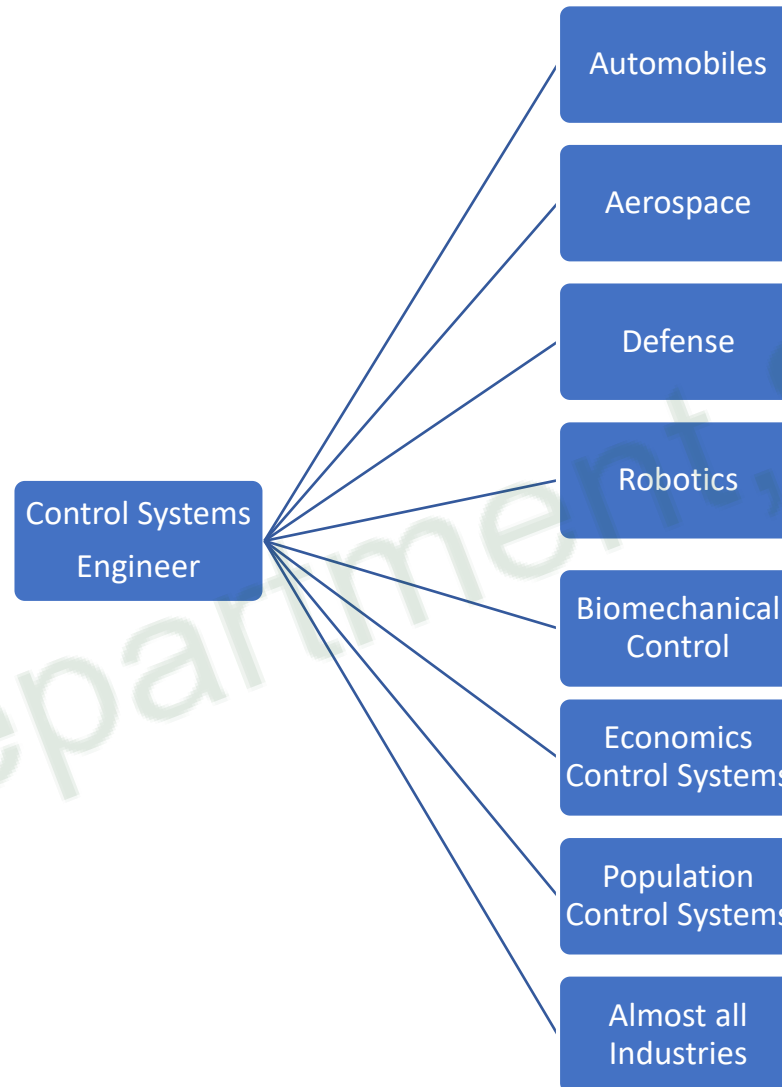
Dr. Priya Ranjan

Dr. Anuj Deshpande



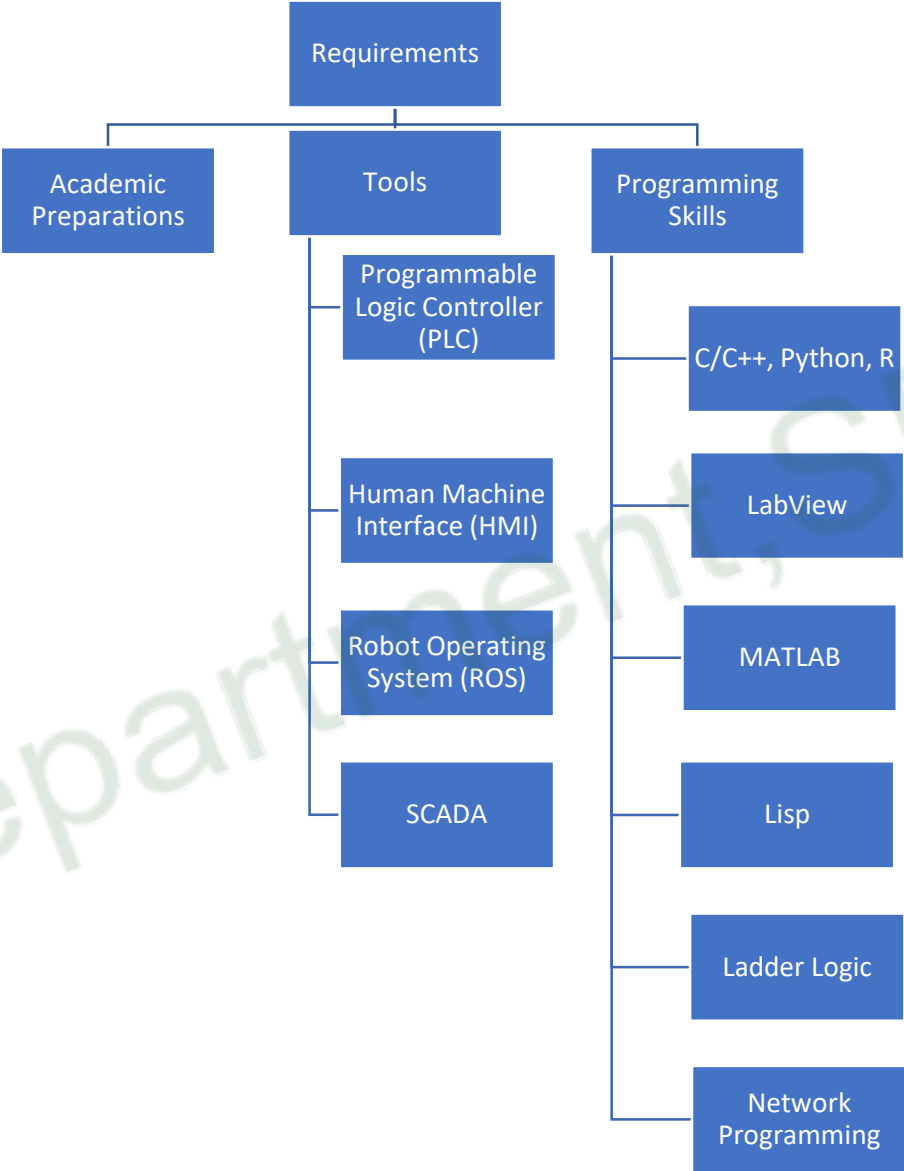
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Who Requires Control Systems Engineer?



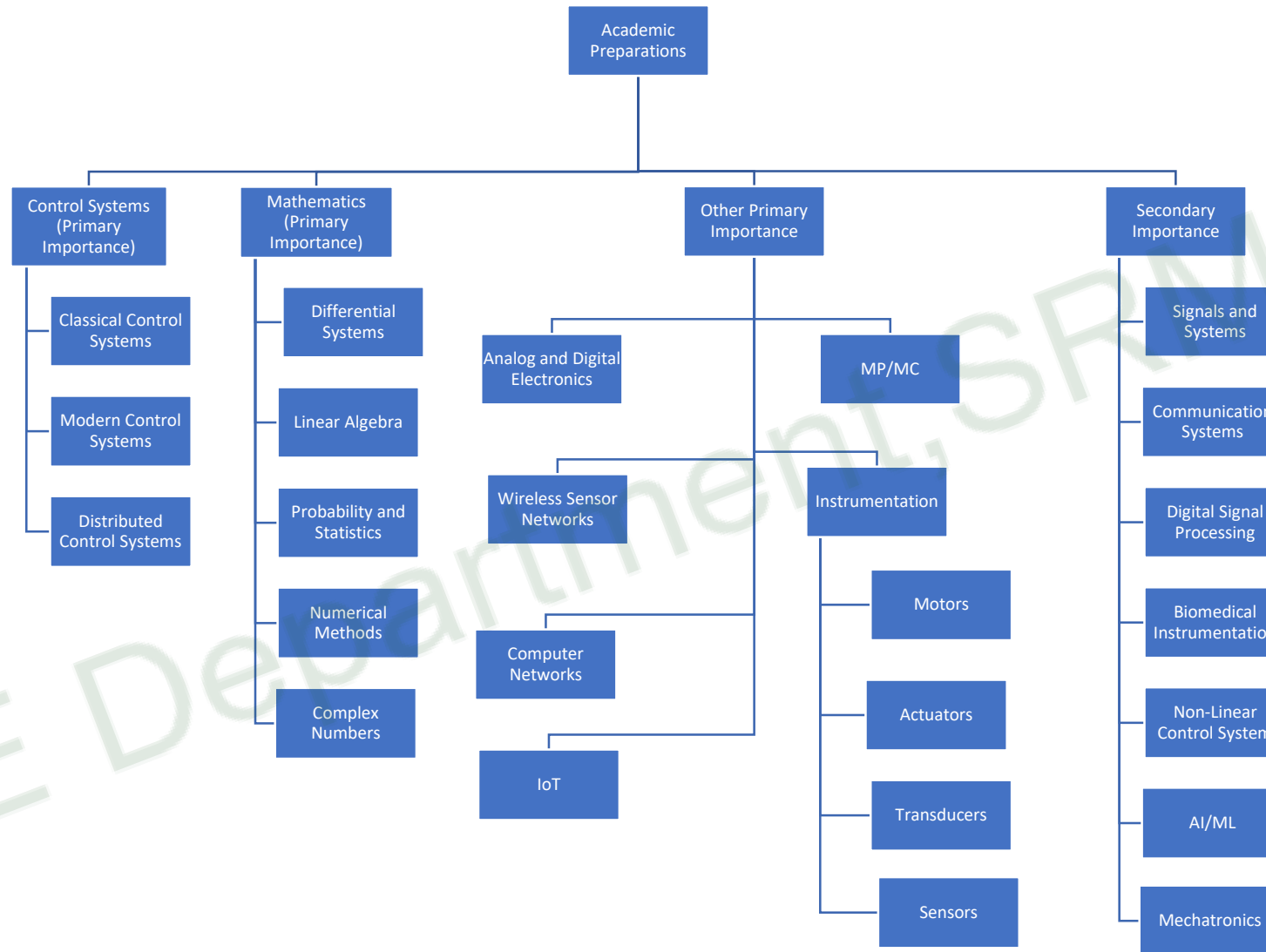
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Skill set required



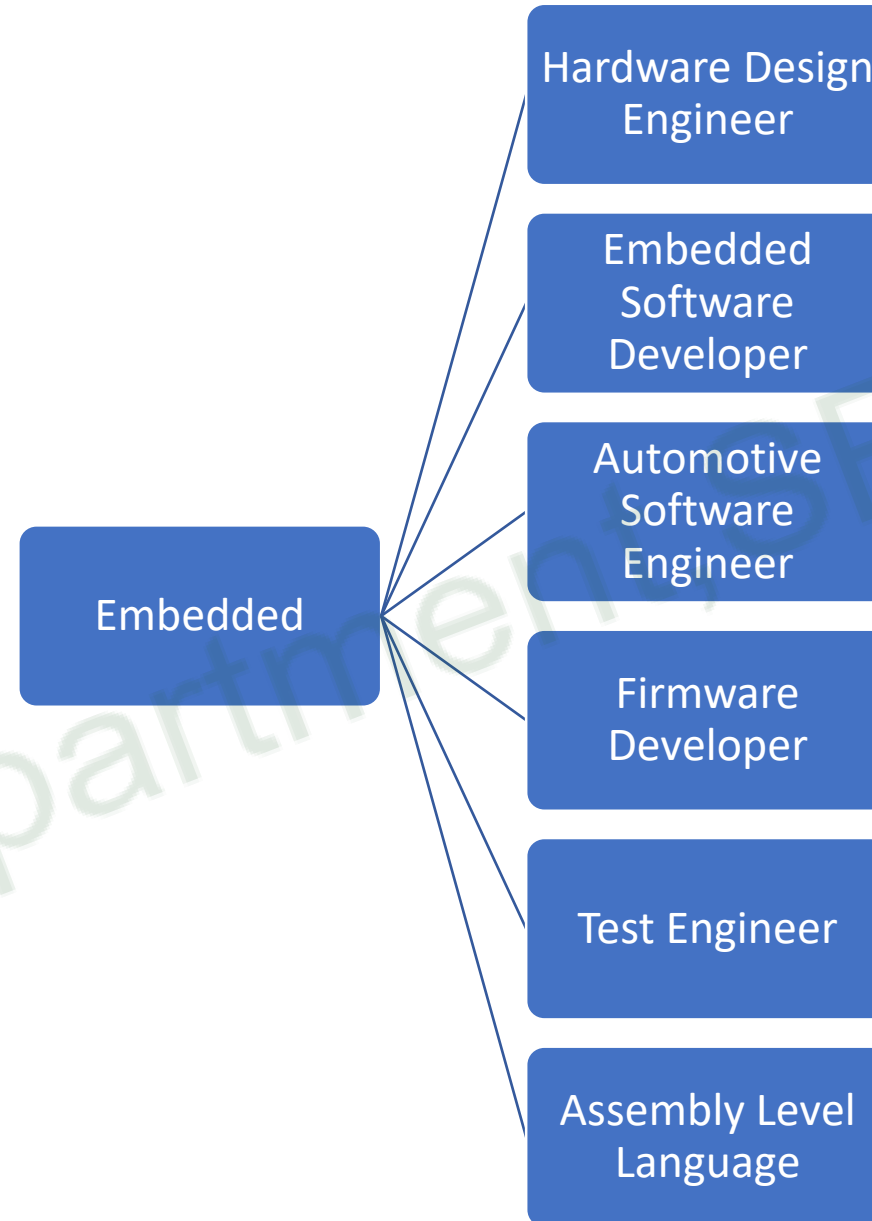
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Academic Preparations

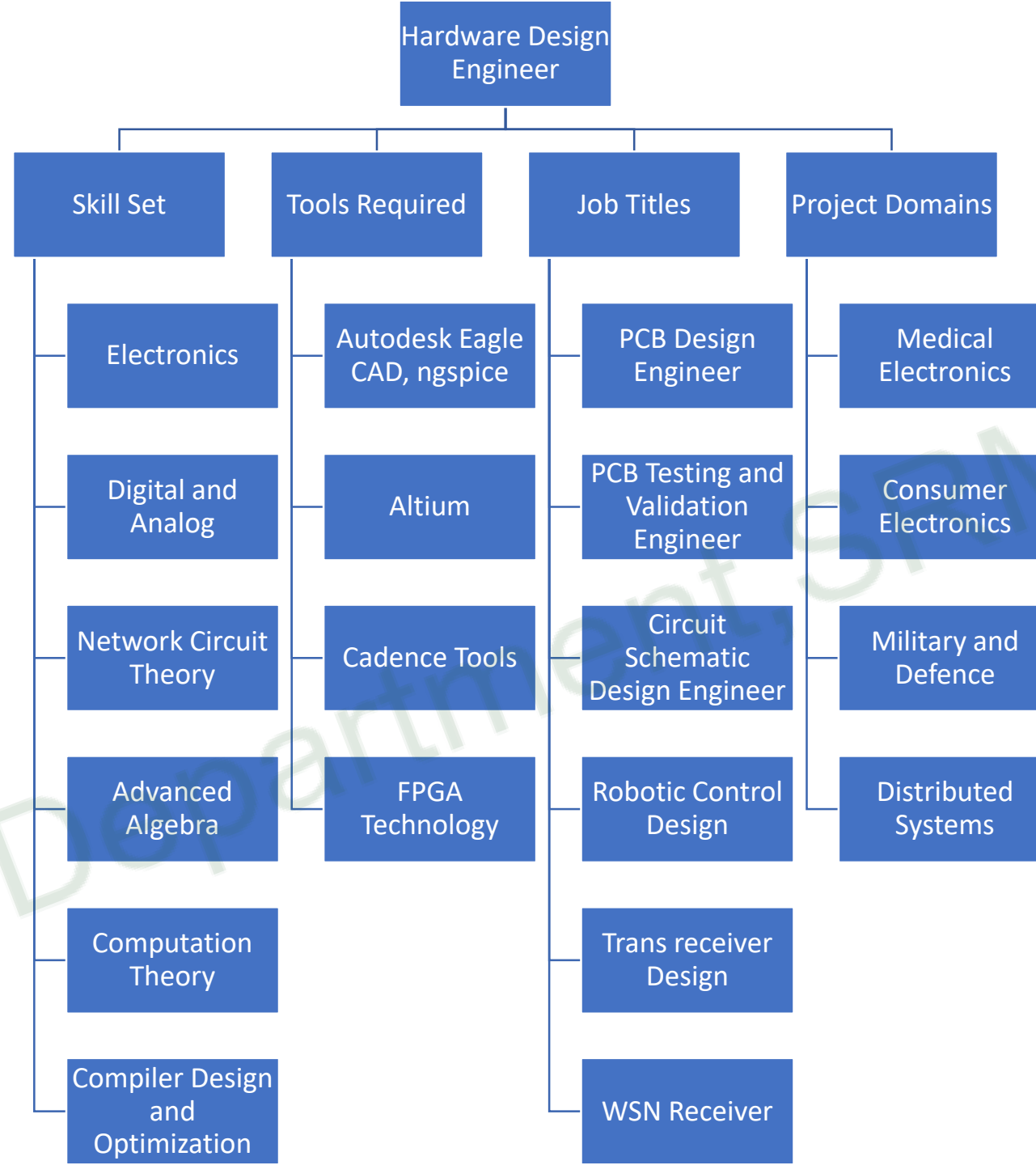


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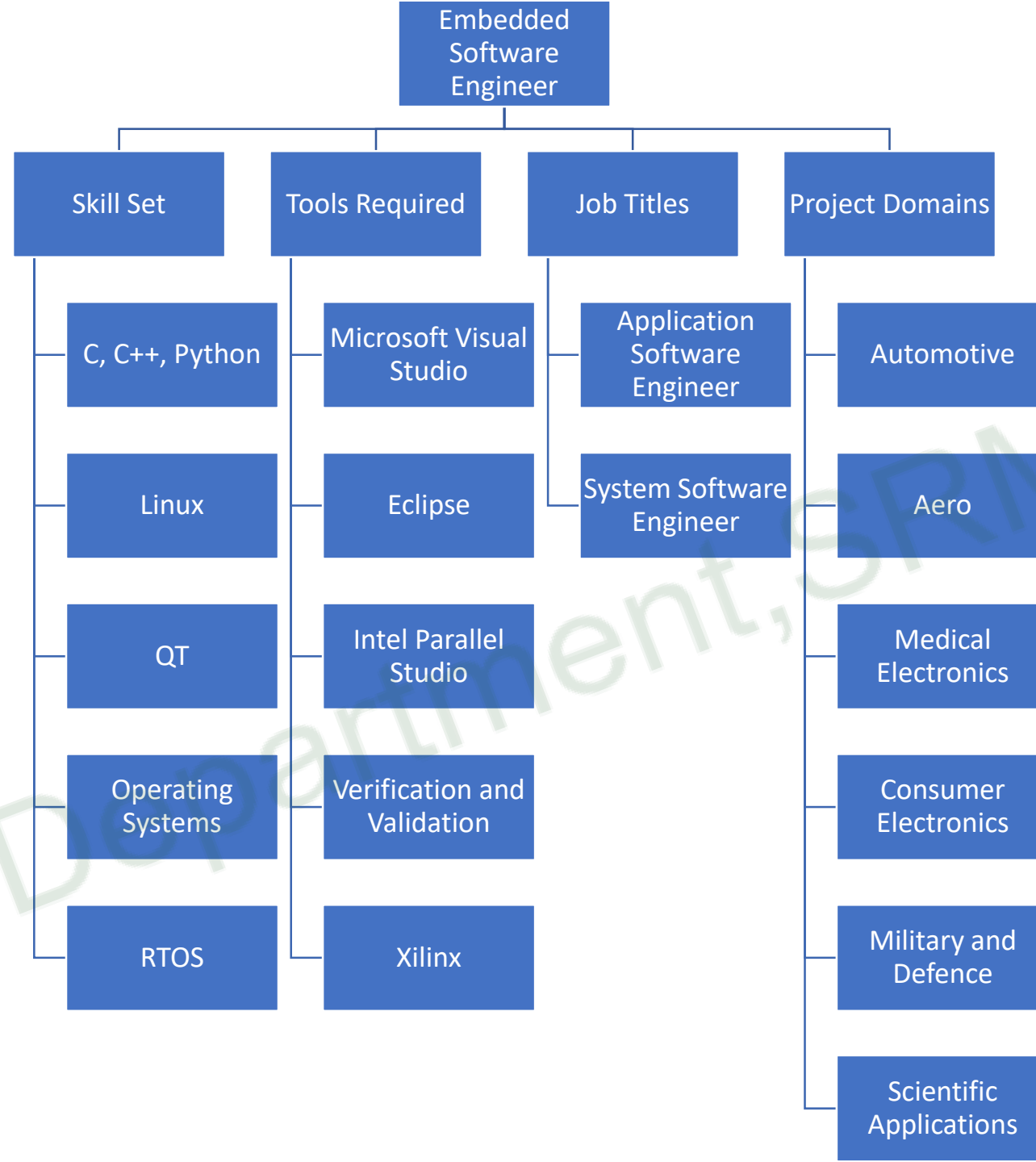
Career Paths in Embedded



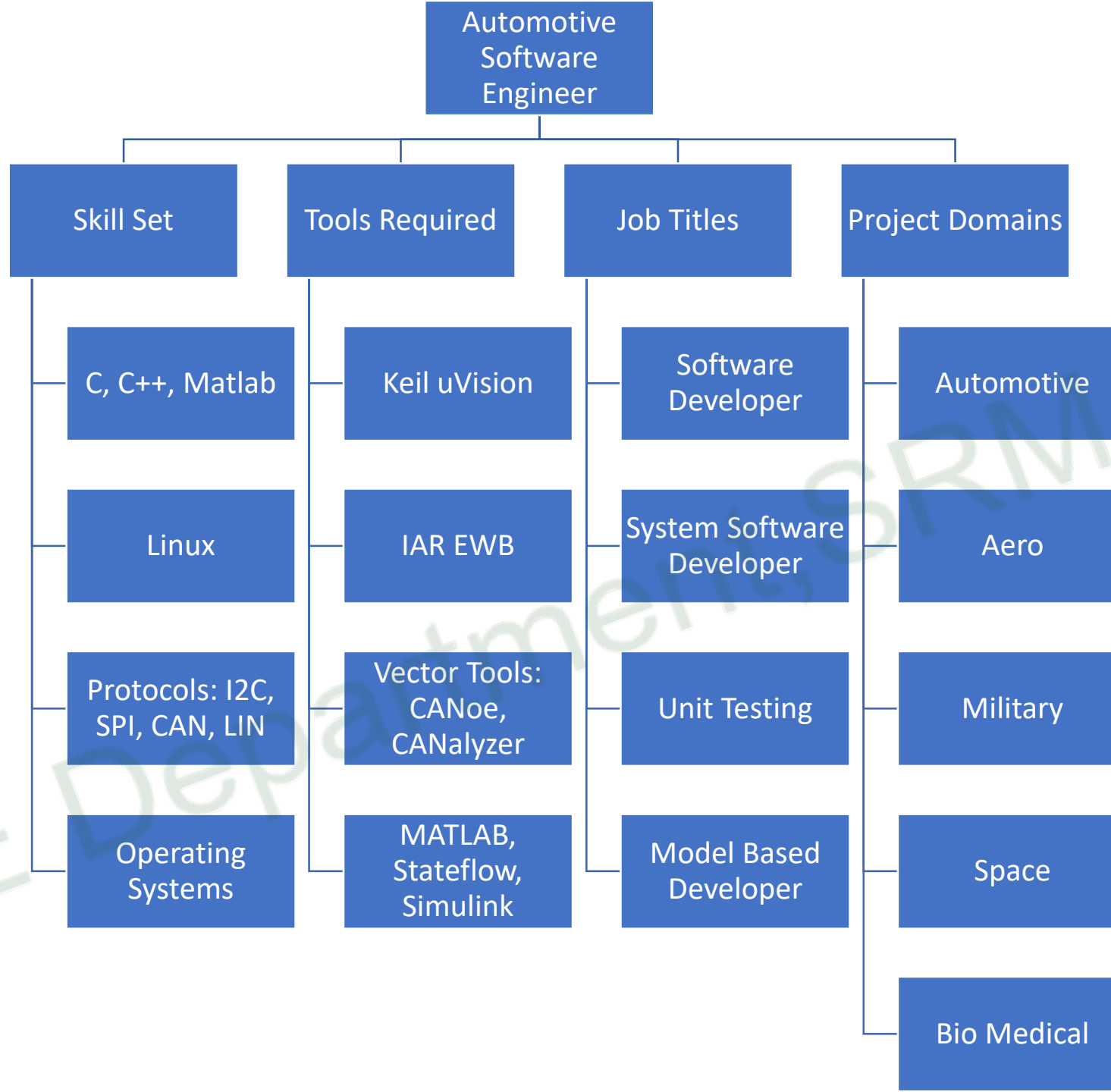
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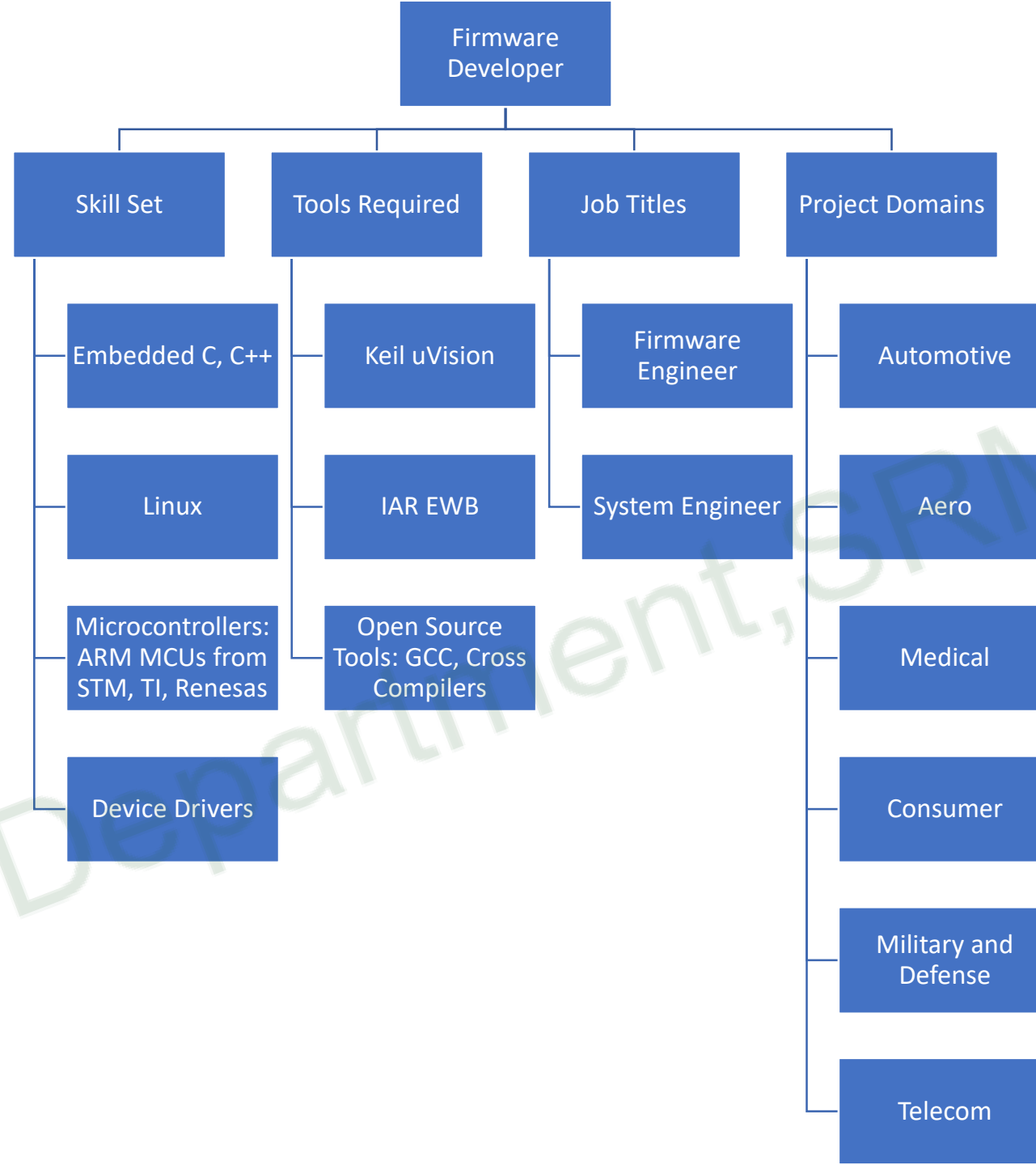
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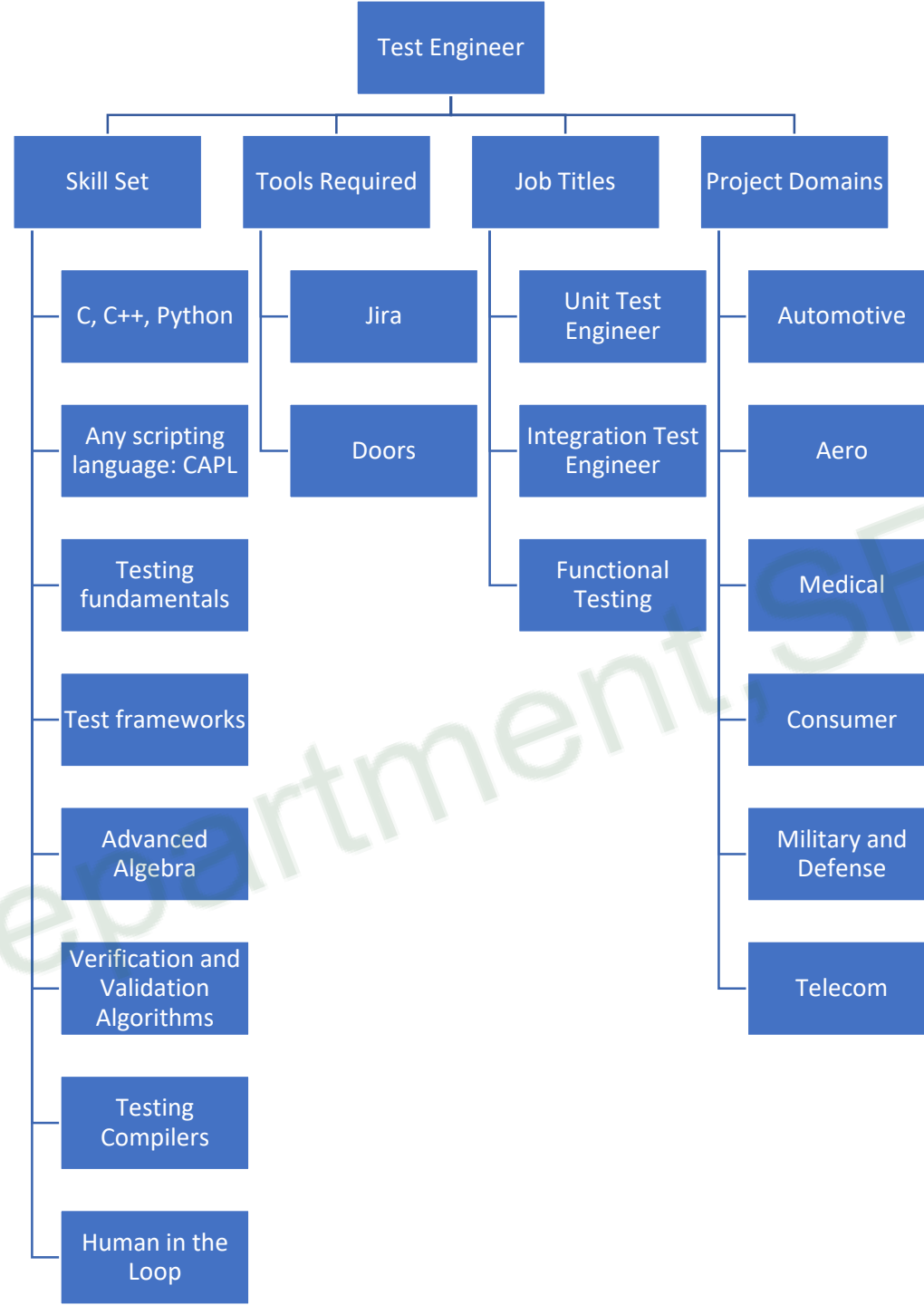
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Career Paths in Signal Processing and Computer vision (Industry)

Signal processing and
Computer vision
Opportunities

Signal
Processing

Image
Processing

Video analysis

Machine
learning

Speech
Processing

Array
Processing

Robotics

Biomedical
Signal
Processing

Guidance
navigation and
control

Mechatronics and
Automation

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Career Path: Signal Processing and Computer vision

Faculty in Department:

Dr. Karthikeyan

Dr. Uday Shankar

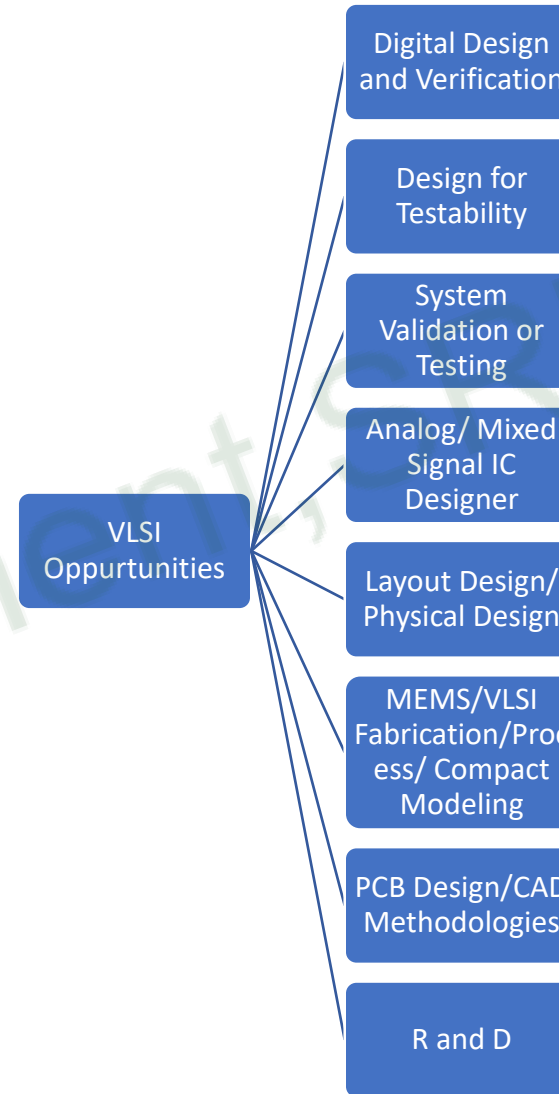


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List of Public Sector unit(PSU) companies

1. ISRO
2. DRDO
3. National Thermal Power Corporation (NTPC)
4. Oil and Natural Gas Corporation (ONGC)
5. Steel Authority of India Limited (SAIL)
6. Bharat Heavy Electricals Limited (BHEL)
7. Indian Oil Corporation Limited (IOCL)
8. Hindustan Petroleum Corporation Limited (HPCL)
9. Coal India Limited (CIL)
10. Gas Authority of India Limited (GAIL)
11. Bharat Petroleum Corporation Limited (BPCL)
12. Power Grid Corporation of India (POWERGRID)
13. Bharat Electronics Limited (BEL)
14. Engineers India Limited (EIL)
15. Hindustan Aeronautics Limited (HAL)
16. Mahanagar Telephone Nigam Limited (MTNL)
17. Neyveli Lignite Corporation Limited (NLCIL)
18. Oil India Limited (OIL)
19. Power Finance Corporation (PFC)
20. Rural Electrification Corporation (REC)
21. Shipping Corporation of India (SCI)
22. Airports Authority of India (AAI)
23. Bharat Sanchar Nigam Limited (BSNL)
24. Central Warehousing Corporation
25. Central Coalfields Limited
26. Chennai Petroleum Corporation (CPCL)
27. Cochin Shipyard (CSL)
28. Educational Consultants India (EDCIL)
29. Garden Reach Shipbuilders & Engineers (GRSE)
30. Goa Shipyard (GSL)
31. India Tourism Development Corporation (ITDC)
32. Mazagon Dock Limited
33. Mahanadi Coalfields (MCL)
34. National Small Industries Corporation Limited
35. Northern Coalfields (NCL)
36. North Eastern Electric Power Corporation Limited (NEEPCL)
37. ONGC
38. Projects and Development India Limited (PDIL)
39. RailTel Corporation of India
40. South Eastern Coalfields (SECL)
41. State Trading Corporation of India
42. Telecommunications Consultants India (TCIL)
43. Mineral Exploration Corporation Limited
44. Ministry of new and renewable energy (MNRE)
45. Solar Energy corporation of India Ltd (SECI)

Career Paths in VLSI (Industry)



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Career Path: VLSI Logic Design

Faculty in Department:

Dr. Ramesh

Dr. Pradyut

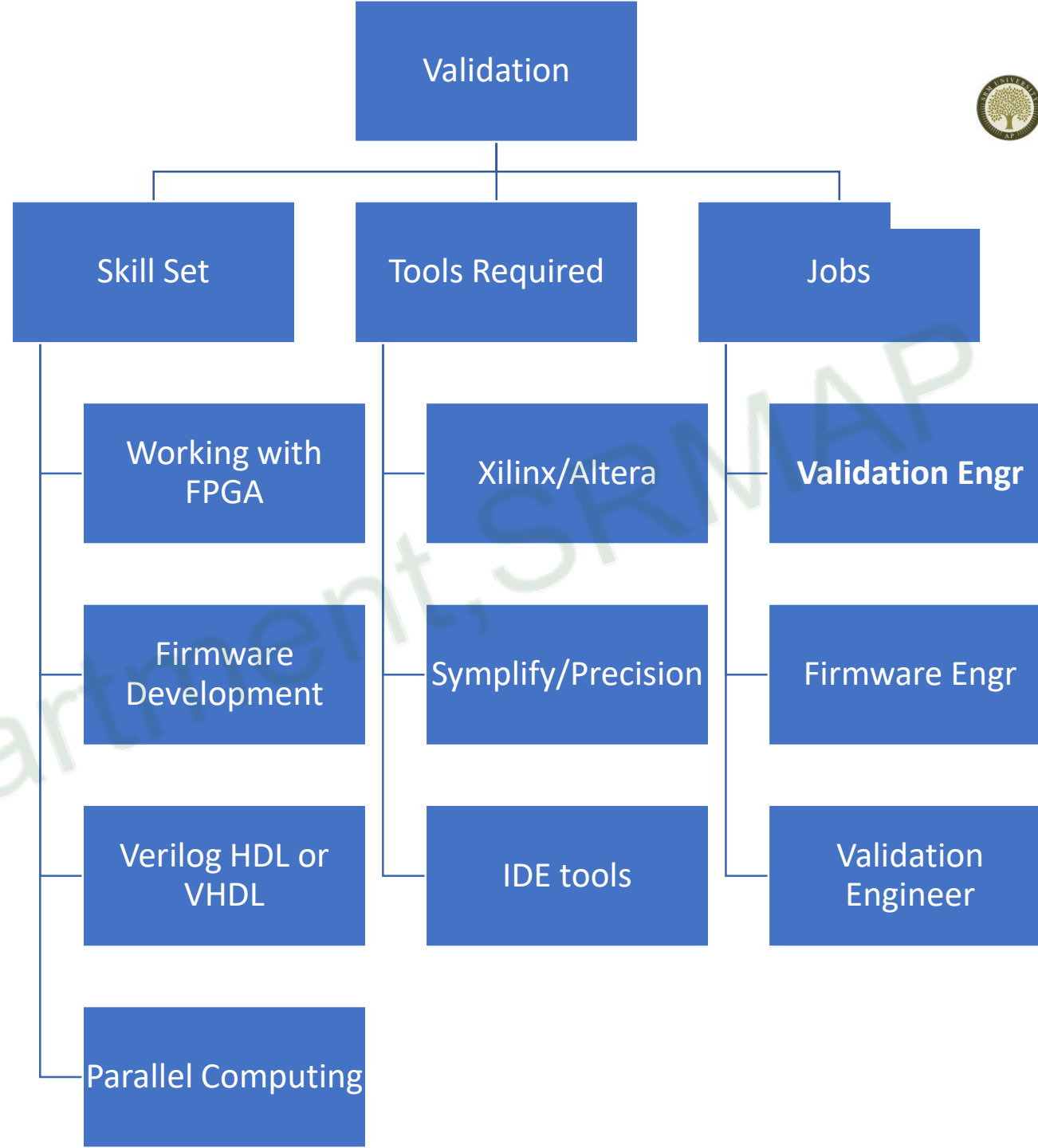
Dr. Siva

Dr. Sujit

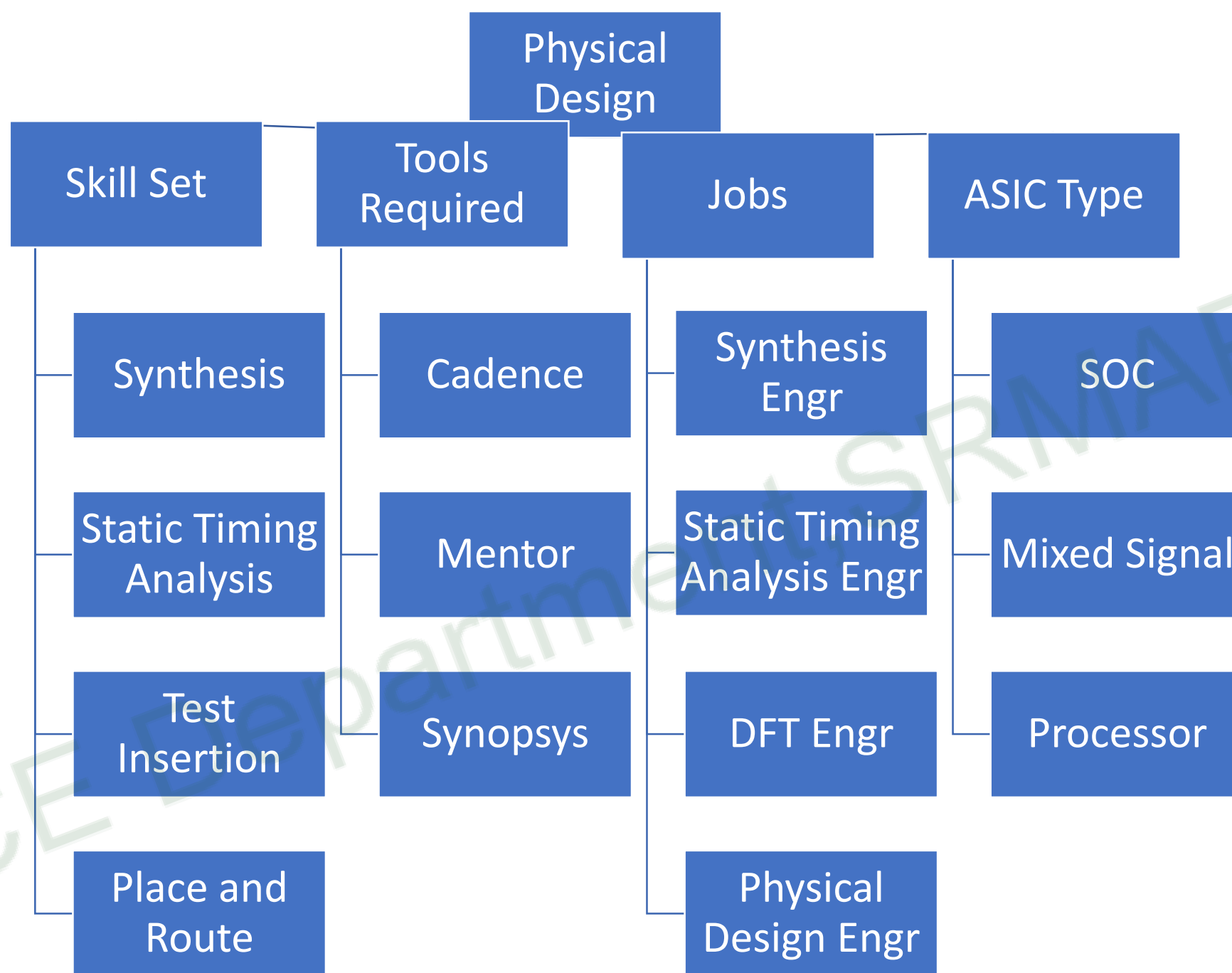


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Career Path: Validation
Faculty in Department: Dr.
Ramesh
Dr. Pradyut



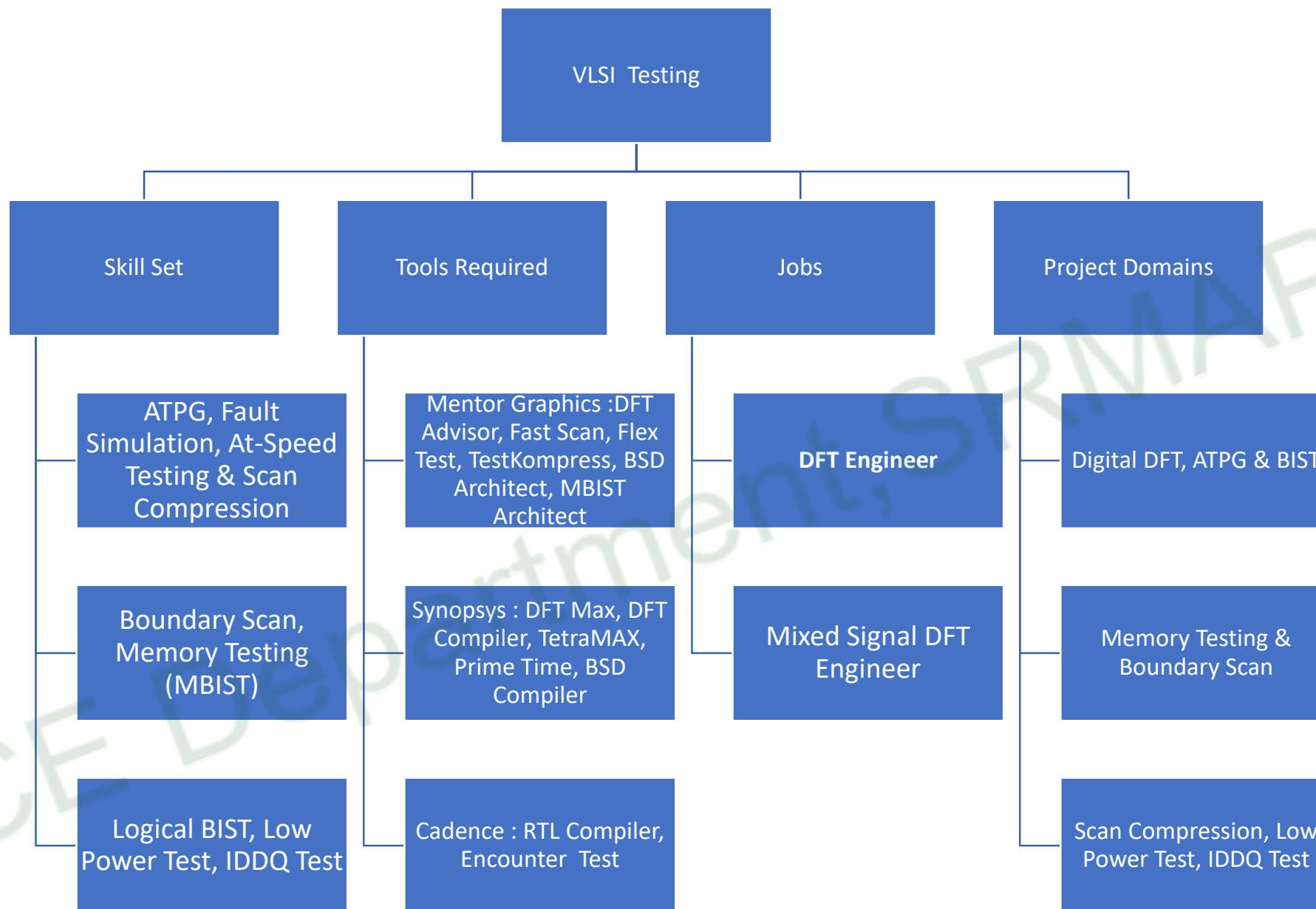
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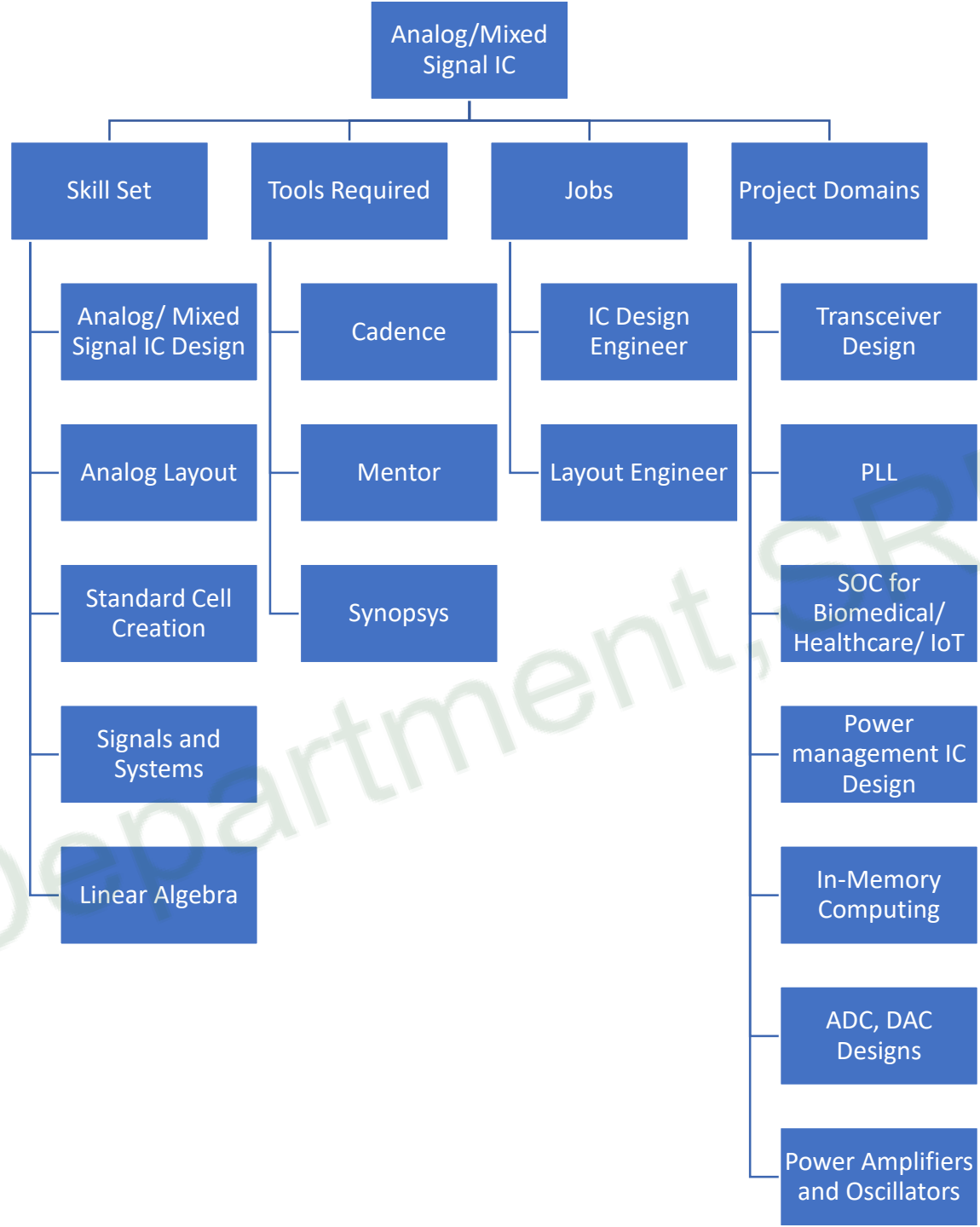


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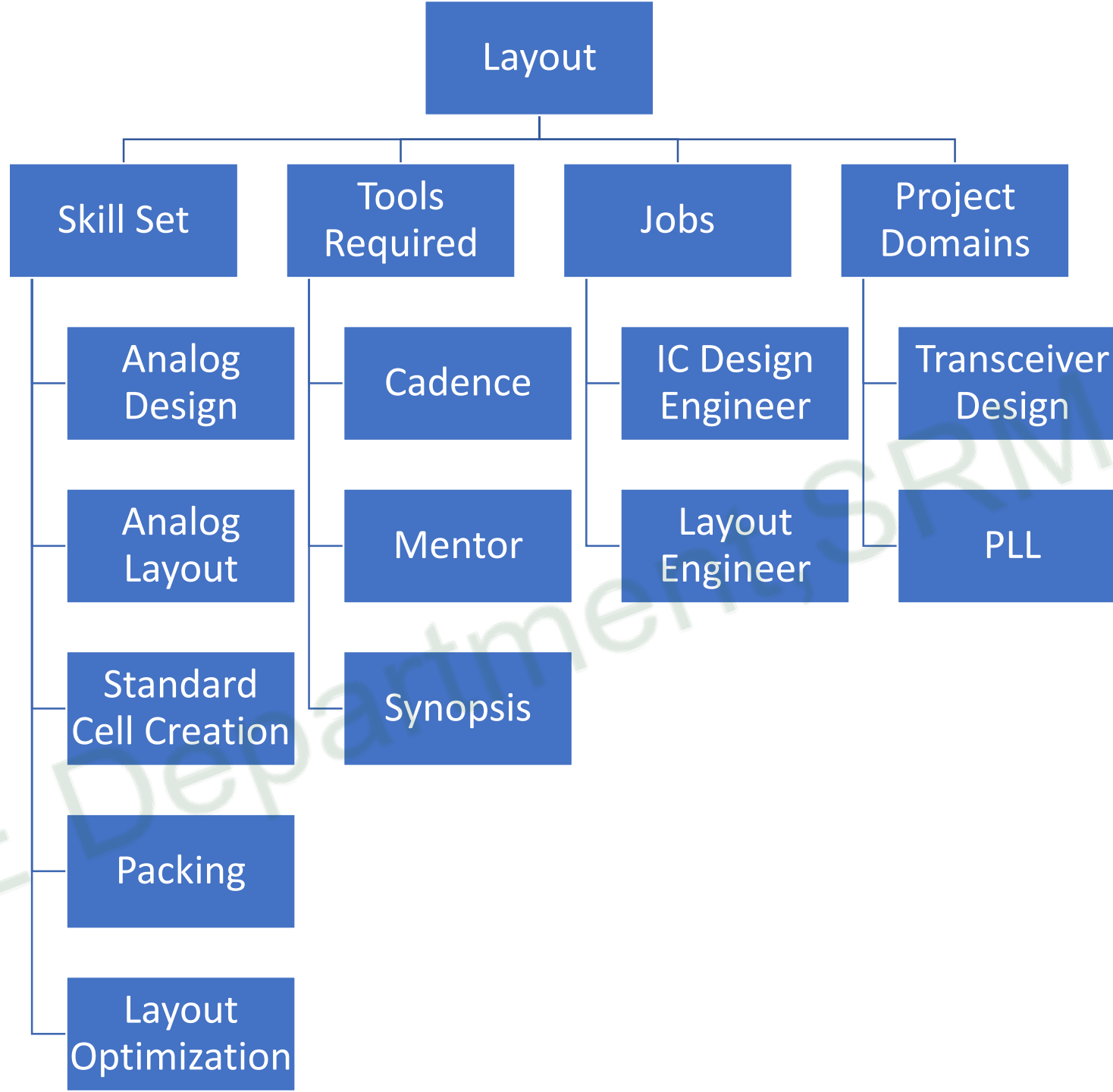


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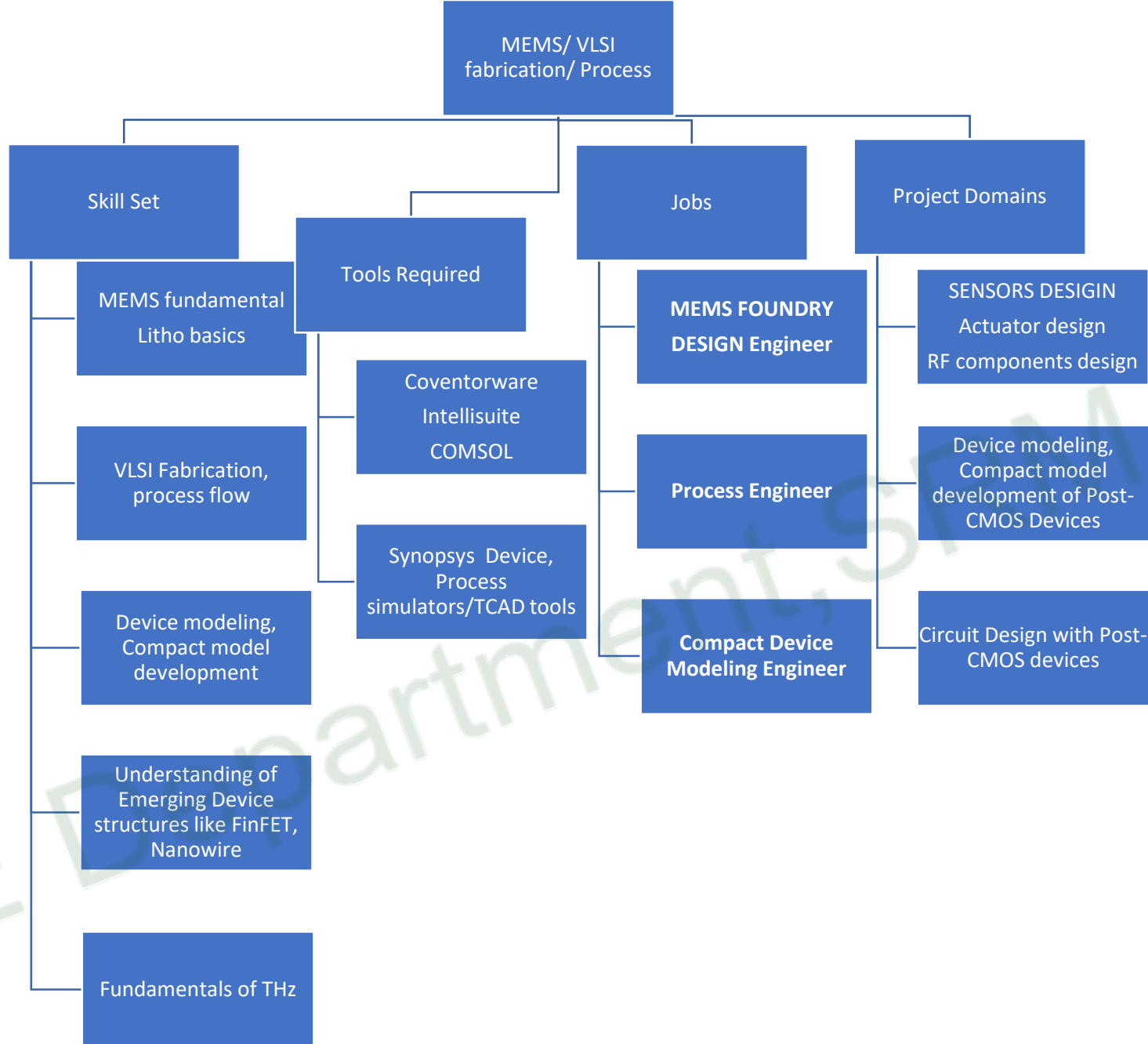




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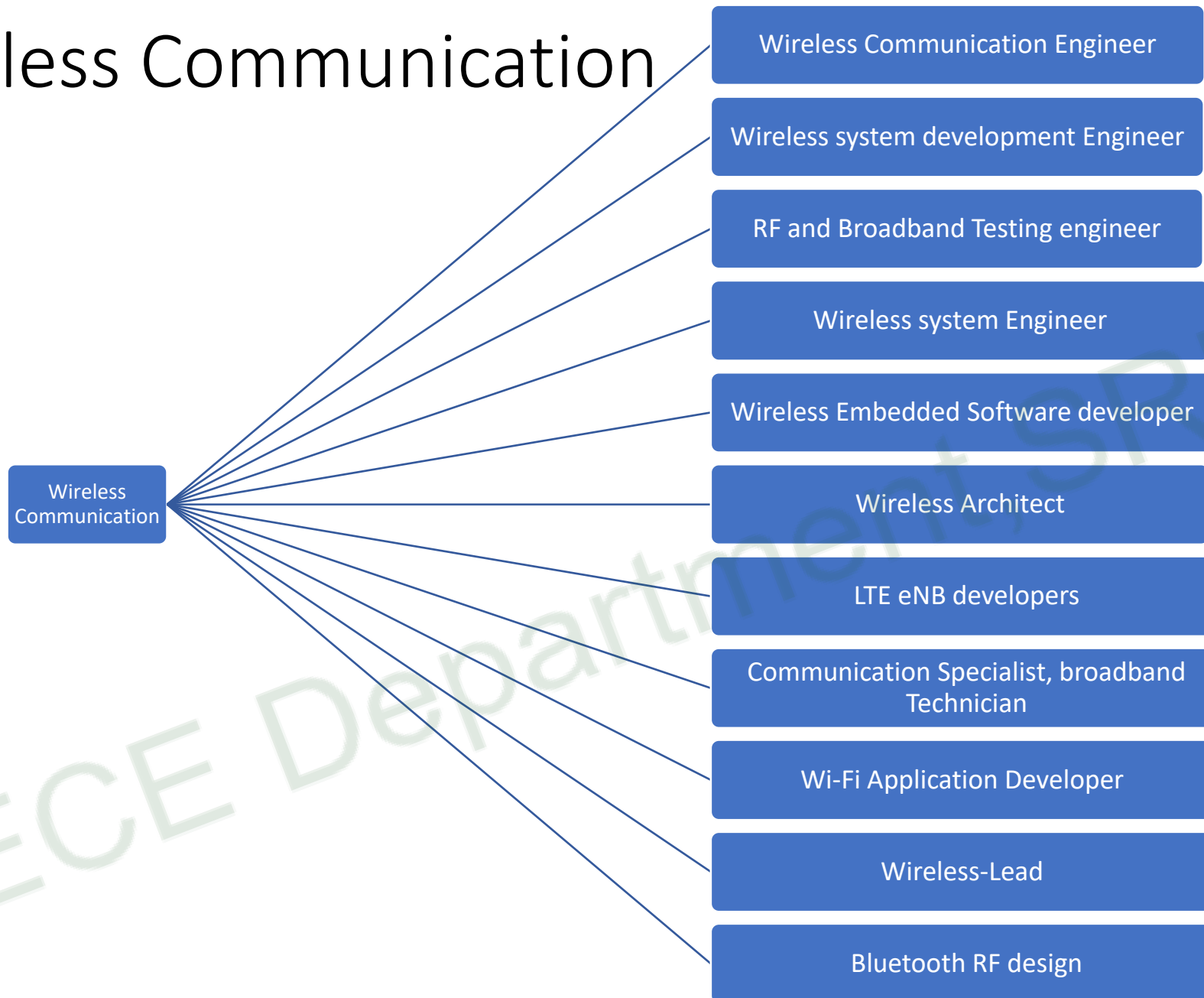


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Career Paths in Wireless Communication



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Wireless Communication Engineer



Career Path: Test Engineer

Faculty in Department:
 Dr. Sunil Chinnadurai
 Dr. Anirban Ghosh
 Dr. Uday Shankar

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