

Course list



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Software Testing

₹3,000.00

Prof. Meenakshi
D'souza
IIIT Bangalore

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Description	Additional information	Certification Process
Course Details	Reviews (0)	

Course Details

Week 1: Techniques and algorithms for test case design: Graphs based testing- structural coverage criteria.

Week 2: Graphs based testing: Data flow coverage criteria

Week 3: Graphs based testing: Data flow coverage criteria

Week 4: Graphs coverage for source code, design elements and requirements



Week 5: Techniques and algorithms for test case design: Logic based testing– Predicates, logic based coverage criteria

Week 6: Specification based logic coverage, logic coverage on finite state machines

Week 7: Input space partitioning: Input domain modeling, combination strategies criteria

Week 8: Syntax based testing: Coverage criteria based on syntax, mutation testing

Week 9: Test case design (as learnt above) applied to object-oriented applications

Week 10: Test case design (as learnt above) applied to web applications

Week 11: Symbolic testing

Week 12: Concolic testing, Conclusion



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KALYANPURAM
COIMBATORE
TAMIL NADU - 642129
PH. NO : 7538875295



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An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

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Software Testing
with Score* **83** %




Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL, Coordinator
IIT Kharagpur

Jan-Feb 2020
(4 week course)

 Indian Institute of Technology Kharagpur



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2143
SAMMALAPATTI
COIMBATORE
TAMIL NADU - 641671
PH. NO : 9788774709



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An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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This certificate is awarded to

GOWTHAM.S

for passing the course

Software Testing

with Score* **87** %



A. Goswami

Jan-Feb 2020
(4 week course)

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL, Coordinator
IT Kharagpur



Indian Institute of Technology Kharagpur



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To
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COIMBATORE
TAMIL NADU - 641669
PH. NO :9952802069



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An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

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K KUMARAVEL
for passing the course
Software Testing
with Score* **87** %


Covid-19 impacted January 2020 semester

A. Goswami
Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL, Coordinator
IT Kharagpur

Jan-Feb 2020
(4 week course)

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