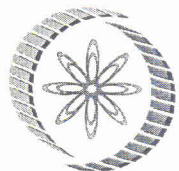
  
 Roll No:NPTEL18EE31S21230062  
 To  
 THIAGARAJAR COLLEGE OF ENGINEERING  
 MADURAI

Score	Type of Certificate
>=90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

192/1204



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**G. ANANTHI**

for successfully completing the course  
**Applied Optimization for Wireless,  
 Machine Learning, Big Data**  
 with a consolidated score of **54 %**

Online Assignments	19.59/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: **118**

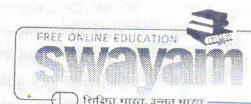
*T. V. Prabhakar*  
 Prof. T. V. Prabhakar  
 Chairman  
 Center for Continuing Education, IITK

Jul-Oct 2018  
 (12 week course)

*Satyaki Roy*  
 Prof. Satyaki Roy  
 NPTEL Coordinator  
 IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL18EE31S21230062

To validate and check scores: <http://nptel.ac.in/noc>