



Roll No:NPTEL18CH24S11181451

To

SATHYABAMA INSTITUTE OF SCIENCE AND
TECHNOLOGY
CHENNAI

18/128



No. of credits recommended by NPTEL:1

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



Elite

NPTEL Online Certification

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



This certificate is awarded to

V.KAVITHA

for successfully completing the course

Infra Red Spectroscopy for Pollution Monitoring

with a consolidated score of **93 %**

Online Assignments	17.92/25	Proctored Exam	75/75
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Prof. G. L. Sivakumar Babu
Chairman, Center for Continuing Education
IISc Bangalore

Total number of candidates certified in this course: **125**

Aug-Sep 2018
(4 week course)

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore





Roll No:NPTEL18CY19S21201746

To

SATHYABAMA INSTITUTE OF SCIENCE AND
TECHNOLOGY
CHENNAI

432/128



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

No. of credits recommended by NPTEL:3



Elite

NPTEL Online Certification

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



This certificate is awarded to

T. KRITHIGA

for successfully completing the course

Chemistry: Atomic Structure and Chemical Bonding

with a consolidated score of **63 %**

Online Assignments	18.21/25	Proctored Exam	45/75
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Prof. A. Ramesh
Chairman
Center for Continuing Education, IITM

Total number of candidates certified in this course: **33**

Jul-Oct 2018
(12 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras





Elite

NPTEL Online Certification

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



This certificate is awarded to

S. SUPRIYA

for successfully completing the course

Analytical Chemistry

with a consolidated score of **79 %**

Online Assignments	23.75/25	Proctored Exam	55.5/75
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Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Total number of candidates certified in this course: **169**

Jul-Oct 2018
(12 week course)

Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL18CY17S21201706

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