

**B. K. BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS),
KALYAN**

CERTIFICATE COURSE



Fundamental of Spectroscopy

Week 1: Interaction between Light and Matter

Week 2: Different Forms of Spectroscopy

Week 3: Rotational Spectroscopy

Week 4: Rotational Spectroscopy

Week 5: Vibrational Spectroscopy

Week 6: Vibrational Spectroscopy

Week 7: Raman Spectroscopy

Week 8: Raman Spectroscopy

Week 9: Electronic Spectroscopy

Week 10: Electronic Spectroscopy

Week 11: Electronic Spectroscopy

Week 12: Combination of different spectroscopic methods to solve complex problems

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>

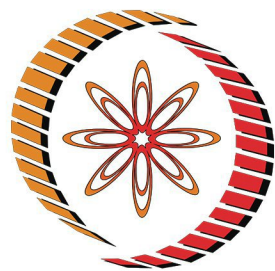
Roll No: NPTEL21CY09S23960024

To
ARVIND JAGDISHPRASAD CHANYAL
1480/105 S. K. APT
BHANDARI, NARPOLI
BHIWANDI
MAHARASHTRA - 421302
PH. NO :8459356398

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate



No. of credits recommended by NPTEL:3
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

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This certificate is awarded to
ARVIND JAGDISHPRASAD CHANYAL
for successfully completing the course



Fundamentals of Spectroscopy

with a consolidated score of **82** %

Online Assignments	20.75/25	Proctored Exam	61.5/75
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Total number of candidates certified in this course: **50**

C. Harinath

Prof. Harinath Chakrapani
Dean, International Relations and Outreach
IISER Pune

Jan-Apr 2021
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



IISER - Indian Institute of Science Education
and Research Pune

