

KRE Society's  
**Karnatak Arts, Science and Commerce College, Bidar**  
NPTEL Local Chapter

Date: 16/7/2018

**Notice**

All the students of BA/B Sc/ B Com/BCA/MA/M Sc/M Com are hereby informed that NPTEL Local Chapter of our college is offering various courses through NPTEL Programme of Govt. India for the session Aug 2018 to Sept 2018. Interested students can enrol their names for the above said courses at <https://onlinecourses.nptel.ac.in/> and also register their names to NPTEL, SPOC office in Computer Science Department. The details of the courses are given below:

Sr No.	Title of the course offered	Mentor Assigned	Duration of the Course	No. of credits recommended by NPTEL
1	Infra-Red Spectroscopy for Pollution Monitoring	Dr. S B Mashetty Associate Prof. Department of Chemistry	Aug 2018 to Sept 2018	2 credits
2	Developing Soft Skills and Personality	Azra Samreen Asst. Prof. Department of English	Aug 2018 to Sept 2018	2 credits
3	Innovation, Business Models and Entrepreneurship	Dr. Shashidhar Patil Assistant Professor in Department of Commerce	Aug 2018 to Sept 2018	2 credits
4	Marketing Management- I	Mr. Ravinder Reddy Assistant Professor in Department of Commerce	Aug 2018 to Sept 2018	2 credits
5	Matrix Analysis with Applications	Smt. Padmini Kaji Assistant Professor in Department of Mathematics	Aug 2018 to Sept 2018	2 credits
6	Robotics	Mr. Anilkumar Chikkamanur Associate Professor Department of Electronics	Aug 2018 to Sept 2018	2 credits

NB: While applying for these courses online at <https://onlinecourses.nptel.ac.in/> Select NPTEL Local Chapter as "Karnatak Arts, Science and Commerce College and Select the Assigned Mentor as given above"

  
SPOC NPTEL Local Chapter  
KASCC Bidar

  
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BIDAR-585401

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**NPTEL certificate course on Infra-Red Spectroscopy for Pollution Monitoring  
(2018-19)**

**About the Course**

Nowadays, Infra-Red Spectroscopy is the most preferred technique for synthesis and monitoring almost all organic compounds. The course consists of: Introduction to pollution control monitoring, Atomic structure, Introduction to Infra-Red Spectroscopy, Interaction of electromagnetic radiation with matter, Instrumentation for Infra-Red Spectroscopy, Applications of Infra-Red Spectroscopy for air pollution, organic compounds in the Industrial Effluents, Continuous Monitoring etc.

**Course layout**

**Week 1:** Introduction to pollution control monitoring and Atomic structure.

**Week 2:** Atomic structure and Interaction of electromagnetic radiation with matter

**Week 3:** Interaction of electromagnetic radiation with matter and Instrumentation for Infra-red Spectroscopy.

**Week 4:** Infrared Spectroscopy and Application of Infra-red Spectroscopy for chemical analysis and air pollution monitoring.

**Books and references**

1. Instrumental analysis by Douglas A. Skoog, F. James Holler, and Stanley r. Crouch (2009)  
ISBN - 13: 978 - 81 - 315 - 0542 - 7 Cengage Learning India Private Limited New Delhi - 110092
2. Instrumental Methods Of Analysis, 7th edition By Hobart H. Willard, Lynne L. Merritt, John A. Dean and Frank A. Settle, Jr. ISBN: 81- 239 - 0943 - 8 CBS Publishers & Distributors, New Delhi - 110002
3. Applications of Adsorption spectroscopy of organic compounds by John R. Dyer (2010)  
ISBN: 978 - 81-203-0252-5 PHI Learning Private Limited, New Delhi, 110001

  
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**NPTEL certificate course on Infra-red spectroscopy for pollution monitoring  
(2018-19)**

**Report & Outcome**

**Name of the Course:** Infra-red spectroscopy for pollution monitoring

**Name of the Department:** Chemistry

**Name of the Mentor Assigned:** Dr. S B Mashetty

**Designation:** Associate Professor

**Number of Student Successfully Obtained NPTEL Certification:** 1

**Session of the Course:** August, 2018 to September 2018

**Duration:** 4 Weeks

**NPTEL Recommended Credits:** 1

The Department of Chemistry has offered the certificate course on Infra-red spectroscopy for pollution monitoring for the students of UG programmes from August, 2018 to September 2018 for the duration of 4 weeks through NPTEL Local Chapter of the Institute.

Students learned the basic and advance concepts of pollution control and monitoring. Application of infra-red spectroscopy and its applications for chemical analysis and air pollution monitoring.

The 01 student was successfully completed this course based on successful submission of assignments (25%) and proctored examination (75%). Students were mentored by the Dr. S B Mashetty for submission assignments and preparation of final examination.

Course concluded with final examination and certificate distributions.

**Outcome of the Course**

- Students learned about basics of atomic structure and its interactions
- Students acquired the knowledge of instrumentation for infrared spectroscopy
- Students learned for chemical analysis and air pollution monitoring

  
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**NPTEL certificate course on Infra-red Spectroscopy for Pollution Monitoring  
(2018-19)**

List of the Student Successfully Completed the Course

Sl No.	Name of the Student	NPTEL Roll No.	Online Assignments Score	Proctored Exam Score	Consolidated Score
1	Chandrakala	NPTEL18CH24S21420023	9.33/25	42/75	51%

  
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Roll No:NPTEL18CH24S21420023

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

1/209



No. of credits recommended by NPTEL:1



# NPTEL Online Certification

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

This certificate is awarded to

**CHANDRAKALA**

for successfully completing the course

**Infra Red Spectroscopy for Pollution Monitoring**

with a consolidated score of **51 %**

Online Assignments	9.33/25	Proctored Exam	42/75
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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)

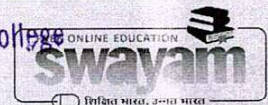
**PRINCIPAL**

Prof. L. Umanand  
NPTEL Coordinator  
IISc Bangalore



Indian Institute of Science Bangalore

Karnataka Arts Sci. & Com. College  
BIDAR-585401



Roll No. NPTEL18CH24S21420023

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

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Sr No.	Title of the course offered	Mentor Assigned	Duration of the Course	No. of credits recommended by NPTEL
1	Infra-Red Spectroscopy for Pollution Monitoring	Dr. S B Mashetty Associate Prof. Department of Chemistry	Aug 2018 to Sept 2018	2 credits
2	Developing Soft Skills and Personality	Azra Samreen Asst. Prof. Department of English	Aug 2018 to Sept 2018	2 credits
3	Innovation, Business Models and Entrepreneurship	Dr. Shashidhar Patil Assistant Professor in Department of Commerce	Aug 2018 to Sept 2018	2 credits
4	Marketing Management- I	Mr. Ravinder Reddy Assistant Professor in Department of Commerce	Aug 2018 to Sept 2018	2 credits
5	Matrix Analysis with Applications	Smt. Padmini Kaji Assistant Professor in Department of Mathematics	Aug 2018 to Sept 2018	2 credits
6	Robotics	Mr. Anilkumar Chikkamanur Associate Professor Department of Electronics	Aug 2018 to Sept 2018	2 credits

NB: While applying for these courses online at <https://onlinecourses.nptel.ac.in/> Select NPTEL Local Chapter as "Karnatak Arts, Science and Commerce College and Select the Assigned Mentor as given above"

  
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NPTEL Local Chapter

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**NPTEL certificate course on Developing Soft Skill and Personality (2018-19)**

**About the Course**

The course aims to cause a basic awareness about the significance of soft skills in professional and inter-personal communications and facilitate an all-round development of personality. Hard or technical skills help securing a basic position in one's life and career. But only soft skills can ensure a person retain it, climb further, reach a pinnacle, achieve excellence, and derive fulfilment and supreme joy. Soft skills comprise pleasant and appealing personality traits as self-confidence, positive attitude, emotional intelligence, social grace, flexibility, friendliness and effective communication skills.


**Course layout**

- Week 1:** Introduction: A New Approach to Learning  
**Week 2:** Conflict Resolution Skills: Seeking Win-Win Solution  
**Week 3:** Habits: Guiding Principle  
**Week 4:** Communication: Significance of Listening  
**Week 5:** Technology and Communication: Technological Personality  
**Week 6:** Communication Skills: Effective Communication  
**Week 7:** Nonverbal Communication: Introduction and Importance  
**Week 8:** Presentation Skills: Overcoming Fear

**Books and references**

1. Dorch, Patricia. What Are Soft Skills? New York: Execu Dress Publisher, 2013.
2. Kamin, Maxine. Soft Skills Revolution: A Guide for Connecting with Compassion for Trainers, Teams, and Leaders. Washington, DC: Pfeiffer & Company, 2013.
3. Klaus, Peggy, Jane Rohman & Molly Hamaker. The Hard Truth about Soft Skills. London: HarperCollins E-books, 2007.
4. Petes S. J., Francis. Soft Skills and Professional Communication. New Delhi: Tata McGraw-Hill Education, 2011.
5. Stein, Steven J. & Howard E. Book. The EQ Edge: Emotional Intelligence and Your Success. Canada: Wiley & Sons, 2006.

  
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**NPTEL certificate course on  
(2018-19)  
Report & Outcome**

**Name of the Course:** Developing Soft Skills and Personality

**Name of the Department:** English

**Name of the Mentor Assigned:** Miss. Azra Samreen

**Designation:** Asst. Professor

**Number of Student Successfully Obtained NPTEL Certification:** 3

**Session of the Course:** August, 2018 to September 2018

**Duration:** 8 Weeks

**NPTEL Recommended Credits:** 2

The Department of English has offered the certificate course on Developing Soft Skills and Personality for the students of UG programmes from August, 2018 to September 2018 for the duration of 8 weeks through NPTEL Local Chapter of the Institute.

Students learned the basic and advance concept of Conflict resolution skills, habits, communication and presentation skills.

The 03 student was successfully completed this course based on successful submission of assignments (25%) and proctored examination (75%). Students were mentored by the Miss. Azra Samreen for submission assignments and preparation of final examination.

Course concluded with final examination and certificate distributions.

**Outcome of the Course**

- Students learned about basics of personality development
- Students acquired the knowledge of conflict resolution at workplace and time management
- Students learned about technology and communication and technical personality

  
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NPTEL certificate course on Developing Soft Skills and Personality (2018-19)

List of the Student Successfully Completed the Course

Sl No.	Name of the Student	NPTEL Roll No.	Online Assignments Score	Proctored Exam Score	Consolidated Score
1	Bhavya	NPTEL18HS30S21460112	21.33/25	44.25/75	66%
2	Vijaya Preeti	NPTEL18HS30S21460080	22.00/25	48/75	70%
3	Kruthika Kulkarni	NPTEL18HS30S21460001	16.17/25	39.75/75	56%

  
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Roll No:NPTEL18HS30S21460001

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

27/209

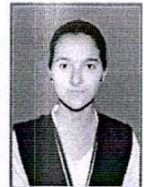


No. of credits recommended by NPTEL:2



# NPTEL Online Certification

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



This certificate is awarded to

**KRUTHIKA KULKARNI**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **56 %**

Online Assignments	16.17/25	Proctored Exam	39.75/75
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*T V Prabhakar*

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

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

*[Signature]*

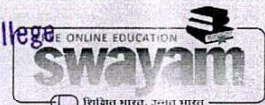
**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
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*Satyaki Roy*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL18HS30S21460001

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



Roll No:NPTEL18HS30S21460080

To  
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28/209



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:2



Elite

# NPTEL Online Certification

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



VIJAYA PREETI

This certificate is awarded to

**VIJAYA PREETI**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **70 %**

Online Assignments	22.00/25	Proctored Exam	48/75
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Total number of candidates certified in this course: **12219**

*T V Prabhakar*

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

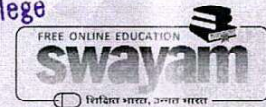
Aug-Oct 2018  
(8 week course)

*Satyaki Roy*  
PRINCIPAL  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL18HS30S21460080

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



Roll No:NPTEL18HS30S21460112

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

29/209



No. of credits recommended by NPTEL:2



**Elite**

# NPTEL Online Certification

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



This certificate is awarded to

**BHAVYA**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **66 %**

Online Assignments	21.33/25	Proctored Exam	44.25/75
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*T V Prabhakar*

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

Total number of candidates certified in this course: **12219**

Aug-Oct 2018  
(8 week course)

*[Signature]*  
**PRINCIPAL**

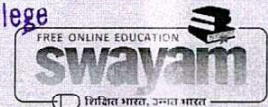
Karnataka Arts Sci. & Com. College  
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*[Signature]*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL18HS30S21460112

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

KRE Society's  
**Karnatak Arts, Science and Commerce College, Bidar**  
NPTEL Local Chapter

Date: 16/7/2018

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**NPTEL certificate course on Innovation, Business Models and  
Entrepreneurship (2018-19)**

**About the Course**

The course titled "Innovation, Business Models and Entrepreneurship", is designed to give an in-depth understanding on various aspects of innovation, creativity, evolving business models, incubation and entrepreneurship. The course also includes sessions on blue ocean strategy and technology incubation which are proving as game changer in today's competitive scenario. Course also deals with role of IPR and IP management in innovation management. The course is a blend of theory and practice therefore this course does not require any prerequisite and will be useful to understand innovation and its applications in different spheres of development.

**Course Layout**

**Week 1:** Analyzing the Current Business Scenario, Innovation and Creativity- An Introduction, Innovation in Current Environment, Types of Innovation , School of Innovation.

**Week 2:** Challenges of Innovation, Steps of Innovation Management, Idea Management System, Divergent V/s Convergent Thinking, Design Thinking and Entrepreneurship

**Week 3:** Experimentation in Innovation Management, Idea Championship, Participation for Innovation, Co-creation for Innovation, Proto typing to Incubation.

**Week 4:** What is a Business Model, Who is an Entrepreneur, Social Entrepreneurship, Blue Ocean Strategy-I, Blue Ocean Strategy-II

**Week 5:** Marketing of Innovation, Technology Innovation Process, Technological Innovation Management Planning, Technological Innovation Management Strategies, Technology Forecasting.

**Week 6:** Sustainability Innovation and Entrepreneurship, Innovation Sustainable Conditions, Innovation: Context and Pattern, SME'S strategic involvement in sustainable development, Exploration of business models for material efficiency services

**Week 7:** Management of Innovation, creation of IPR ,Management of Innovation, creation of IPR,Types of IPR, Patents and Copyrights, Patents in India

**Week 8:** Business Models and value proposition, Business Model Failure: Reasons and Remedies, Incubators : Business Vs Technology, Managing Investor for Innovation , Future markets and Innovation needs for India.

**Books and References:** Online pdf are provided hence print references are not given



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**NPTEL certificate course on Innovation, Business Models and  
Entrepreneurship (2018-19)  
Report & Outcome**

**Name of the Course:** Innovation, Business Models and Entrepreneurship

**Name of the Department:** Commerce

**Name of the Mentor Assigned:** Dr. Shashidhar Patil

**Designation:** Asst. Professor

**Number of Student Successfully Obtained NPTEL Certification:** 10

**Session of the Course:** August, 2018 to September 2018

**Duration:** 8 Weeks

**NPTEL Recommended Credits:** 2

The Department of Commerce has offered the certificate course on Innovation, Business Models and Entrepreneurship for the students of UG programmes from August, 2018 to September 2018 for the duration of 8 weeks through NPTEL Local Chapter of the Institute.

Students learned the basic and advance concept of Business scenario analysis, challenges in innovation and innovation management. Designing thinking for entrepreneurship. Business models and value position.

The 01 student was successfully completed this course based on successful submission of assignments (25%) and proctored examination (75%). Students were mentored by the Dr. Shashidhar Patil for submission assignments and preparation of final examination.

Course concluded with final examination and certificate distributions.

**Outcome of the Course**

- Students learned about analyzing business scenarios
- Students acquired the knowledge of innovation management
- Students learned about business models and value positions

  
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**NPTEL certificate course on Innovation, Business Models and  
Entrepreneurship (2018-19)**

List of the Student Successfully Completed the Course

Sl No.	Name of the Student	NPTEL Roll No.	Online Assignments Score	Proctored Exam Score	Consolidated Score
1	Priyanka Pawar	NPTEL18MG36S21420090	16.67/25	28.5/75	45%
2	Raichal	NPTEL18MG36S21420088	10.42/25	33/75	43%
3	Kollenor Pooja	NPTEL18MG36S21420085	15.42/25	25/75	40%
4	Jyoti	NPTEL18MG36S21420077	15/25	30/75	45%
5	Ambika	NPTEL18MG36S21420072	12.50/25	27.5/75	40%
6	Kirana	NPTEL18MG36S21420066	15.00/25	24.5/75	40%
7	Bhavani	NPTEL18MG36S21420059	15.00/25	34.5/75	50%
8	T Bhavani	NPTEL18MG36S21420051	14.58/25	25/75	40%
9	Geeta	NPTEL18MG36S21420004	15/25	27/75	42%
10	Monika	NPTEL18MG36S21420001	14.58/25	25/75	40%

  
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Roll No:NPTEL18MG36S21420001

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

9/209



No. of credits recommended by NPTEL:2



# NPTEL Online Certification

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



This certificate is awarded to

**MONIKA**

for successfully completing the course

## Innovation, Business Models and Entrepreneurship

with a consolidated score of **40 %**

Online Assignments	14.58/25	Proctored Exam	25/75
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Total number of candidates certified in this course: **617**

Prof. B. K. Gandhi  
Coordinator, Continuing Education Center  
NPTEL Coordinator, IIT Roorkee

Aug-Sep 2018  
(8 week course)



Indian Institute of Technology Roorkee

**PRINCIPAL**  
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Roll No: NPTEL18MG36S21420001

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



Roll No:NPTEL18MG36S21420004

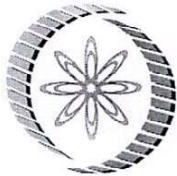
To  
KARNATAK ARTS SCIENCE AND COMMERCE  
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Score	Type of Certificate
>=90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

10/209



No. of credits recommended by NPTEL:2



# NPTEL Online Certification

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



This certificate is awarded to

**GEETA**

for successfully completing the course

## Innovation, Business Models and Entrepreneurship

with a consolidated score of **42 %**

Online Assignments	15.00/25	Proctored Exam	27/75
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Prof. B. K. Gandhi  
Coordinator, Continuing Education Center  
NPTEL Coordinator, IIT Roorkee

Total number of candidates certified in this course: **617**

Aug-Sep 2018  
(8 week course)

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Indian Institute of Technology Roorkee



Roll No: NPTEL18MG36S21420004

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



Roll No:NPTEL18MG36S21420051

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

11/209



No. of credits recommended by NPTEL:2



# NPTEL Online Certification

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



This certificate is awarded to

**T. BHAVANI**

for successfully completing the course

## Innovation, Business Models and Entrepreneurship

with a consolidated score of **40 %**

Online Assignments	14.58/25	Proctored Exam	25/75
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Total number of candidates certified in this course: **617**

Prof. B. K. Gandhi  
Coordinator, Continuing Education Center  
NPTEL Coordinator, IIT Roorkee

Aug-Sep 2018  
(8 week course)

**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401



Indian Institute of Technology Roorkee



Roll No: NPTEL18MG36S21420051

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



Roll No:NPTEL18MG36S21420059

To  
KARNATAK ARTS SCIENCE AND COMMERCE  
COLLEGE  
BIDAR

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

12/209



No. of credits recommended by NPTEL:2



# NPTEL Online Certification

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



This certificate is awarded to

**BHAVANI**

for successfully completing the course

## Innovation, Business Models and Entrepreneurship

with a consolidated score of **50 %**

Online Assignments	15.00/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: **617**

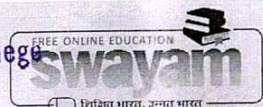
Prof. B. K. Gandhi  
Coordinator, Continuing Education Center  
NPTEL Coordinator, IIT Roorkee

Aug-Sep 2018  
(8 week course)

**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401



Indian Institute of Technology Roorkee



Roll No: NPTEL18MG36S21420059

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



Roll No:NPTEL18MG36S21420066

To

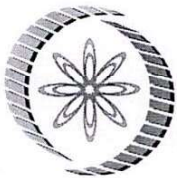
KARNATAK ARTS SCIENCE AND COMMERCE  
COLLEGE  
BIDAR

13/209



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:2



# NPTEL Online Certification

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



This certificate is awarded to

**KIRANA**

for successfully completing the course

**Innovation, Business Models and Entrepreneurship**

with a consolidated score of **40 %**

Online Assignments	15.00/25	Proctored Exam	24.5/75
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Prof. B. K. Gandhi  
Coordinator, Continuing Education Center  
NPTEL Coordinator, IIT Roorkee

Total number of candidates certified in this course: **617**

Aug-Sep 2018  
(8 week course)

**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401



Indian Institute of Technology Roorkee



Roll No: NPTEL18MG36S21420066

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



Roll No:NPTEL18MG36S21420072

To

KARNATAK ARTS SCIENCE AND COMMERCE  
COLLEGE  
BIDAR

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

14/209



No. of credits recommended by NPTEL:2



# NPTEL Online Certification

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



This certificate is awarded to

**AMBIKA**

for successfully completing the course

## Innovation, Business Models and Entrepreneurship

with a consolidated score of **40 %**

Online Assignments	12.50/25	Proctored Exam	27.5/75
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Prof. B. K. Gandhi  
Coordinator, Continuing Education Center  
NPTEL Coordinator, IIT Roorkee

Total number of candidates certified in this course: **617**

Aug-Sep 2018  
(8 week course)

**PRINCIPAL**

Karnataka Arts Sci. & Com. College  
BIDAR-585401



Indian Institute of Technology Roorkee



Roll No: NPTEL18MG36S21420072

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



Roll No:NPTEL18MG36S21420077

To  
KARNATAK ARTS SCIENCE AND COMMERCE  
COLLEGE  
BIDAR

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

15/209



No. of credits recommended by NPTEL:2



# NPTEL Online Certification

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



This certificate is awarded to

**JYOTI**

for successfully completing the course

## Innovation, Business Models and Entrepreneurship

with a consolidated score of **45 %**

Online Assignments	15.00/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Prof. B. K. Gandhi  
Coordinator, Continuing Education Center  
NPTEL Coordinator, IIT Roorkee

Total number of candidates certified in this course: **617**

Aug-Sep 2018  
(8 week course)

  
**PRINCIPAL**

Karnataka Arts Sci. & Com. College  
BIDAR-585101



Indian Institute of Technology Roorkee



Roll No: NPTEL18MG36S21420077

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



Roll No:NPTEL18MG36S21420085

To  
KARNATAK ARTS SCIENCE AND COMMERCE  
COLLEGE  
BIDAR

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

16/209



No. of credits recommended by NPTEL:2



# NPTEL Online Certification

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



This certificate is awarded to

**KOLLENOR POOJA**

for successfully completing the course

**Innovation, Business Models and Entrepreneurship**

with a consolidated score of **40 %**

Online Assignments	15.42/25	Proctored Exam	25/75
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Prof. B. K. Gandhi  
Coordinator, Continuing Education Center  
NPTEL Coordinator, IIT Roorkee

Total number of candidates certified in this course: **617**

Aug-Sep 2018  
(8 week course)

  
PRINCIPAL

Karnataka Arts Sci. & Com. College  
BIDAR-585401



Indian Institute of Technology Roorkee



Roll No: NPTEL18MG36S21420085

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





Roll No:NPTEL18MG36S21420088

To

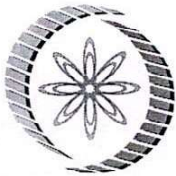
KARNATAK ARTS SCIENCE AND COMMERCE  
COLLEGE  
BIDAR

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

17/209



No. of credits recommended by NPTEL:2



# NPTEL Online Certification

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



This certificate is awarded to

**RAICHAL**

for successfully completing the course

**Innovation, Business Models and Entrepreneurship**

with a consolidated score of **43 %**

Online Assignments	10.42/25	Proctored Exam	33/75
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Prof. B. K. Gandhi  
Coordinator, Continuing Education Center  
NPTEL Coordinator, IIT Roorkee

Total number of candidates certified in this course: **617**

Aug-Sep 2018  
(8 week course)

Karnataka Arts Sci. & Com. College  
BIDAR-585401



Indian Institute of Technology Roorkee



Roll No: NPTEL18MG36S21420088

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



Roll No:NPTEL18MG36S21420090

To  
KARNATAK ARTS SCIENCE AND COMMERCE  
COLLEGE  
BIDAR

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

18/209



No. of credits recommended by NPTEL:2



# NPTEL Online Certification

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



This certificate is awarded to

**PRIYANKA PAWAR**

for successfully completing the course

**Innovation, Business Models and Entrepreneurship**

with a consolidated score of **45 %**

Online Assignments	16.67/25	Proctored Exam	28.5/75
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Prof. B. K. Gandhi  
Coordinator, Continuing Education Center  
NPTEL Coordinator, IIT Roorkee

Total number of candidates certified in this course: **617**

Aug-Sep 2018  
(8 week course)

**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401



Indian Institute of Technology Roorkee



Roll No: NPTEL18MG36S21420090

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

KRE Society's  
**Karnatak Arts, Science and Commerce College, Bidar**  
NPTEL Local Chapter

Date: 16/7/2018

**Notice**

All the students of BA/B Sc/ B Com/BCA/MA/M Sc/M Com are hereby informed that NPTEL Local Chapter of our college is offering various courses through NPTEL Programme of Govt. India for the session Aug 2018 to Sept 2018. Interested students can enrol their names for the above said courses at <https://onlinecourses.nptel.ac.in/> and also register their names to NPTEL, SPOC office in Computer Science Department. The details of the courses are given below:

Sr No.	Title of the course offered	Mentor Assigned	Duration of the Course	No. of credits recommended by NPTEL
1	Infra-Red Spectroscopy for Pollution Monitoring	Dr. S B Mashetty Associate Prof. Department of Chemistry	Aug 2018 to Sept 2018	2 credits
2	Developing Soft Skills and Personality	Azra Samreen Asst. Prof. Department of English	Aug 2018 to Sept 2018	2 credits
3	Innovation, Business Models and Entrepreneurship	Dr. Shashidhar Patil Assistant Professor in Department of Commerce	Aug 2018 to Sept 2018	2 credits
4	Marketing Management- I	Mr. Ravinder Reddy Assistant Professor in Department of Commerce	Aug 2018 to Sept 2018	2 credits
5	Matrix Analysis with Applications	Smt. Padmini Kaji Assistant Professor in Department of Mathematics	Aug 2018 to Sept 2018	2 credits
6	Robotics	Mr. Anilkumar Chikkamanur Associate Professor Department of Electronics	Aug 2018 to Sept 2018	2 credits

NB: While applying for these courses online at <https://onlinecourses.nptel.ac.in/> Select NPTEL Local Chapter as "Karnatak Arts, Science and Commerce College and Select the Assigned Mentor as given above"

  
SPOC NPTEL Local Chapter  
KASCC Bidar

  
Principal  
**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

KRE Society's  
Karnatak Arts, Science and Commerce College, Bidar  
NPTEL Local Chapter

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**NPTEL certificate course on Marketing Management-I (2018-19)**

**About the Course**

This is Part-I of a course on Marketing Management. The objective of the course is to introduce the participants to principles and practices, theoretical building blocks of marketing, its role as an organizational engine and the evolving marketing process of today. At the end of the course, a participant will be able to understand and manage the core marketing management function.

**Course layout**

**Week-1** Introduction to Marketing

**Week-2** Scanning the Business Environment

**Week-3&4** Marketing Information System and Marketing Research

**Week-5&6** Buyer Behavior

**Week-7&8** Generic Marketing Strategies

**Books and references:** Online pdf are provided hence print references are not given

  
SPOC NPTEL Local Chapter  
KASCC Bidar

  
Principal  
**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

KRE Society's  
Karnatak Arts, Science and Commerce College, Bidar  
NPTEL Local Chapter

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**NPTEL certificate course on Marketing Management-I  
(2018-19)**

**Report & Outcome**

**Name of the Course:** Marketing Management-I

**Name of the Department:** Commerce

**Name of the Mentor Assigned:** Mr. Ravinder Reddy

**Designation:** Asst. Professor

**Number of Student Successfully Obtained NPTEL Certification:** 8

**Session of the Course:** August, 2018 to September 2018

**Duration:** 8 Weeks

**NPTEL Recommended Credits:** 2

The Department of Commerce has offered the certificate course on Marketing Management I for the students of UG programmes from August, 2018 to September 2018 for the duration of 8 weeks through NPTEL Local Chapter of the Institute.

Students learned the basic and advance concept of Marketing, Scanning the business environment, marketing information system, buyer behavior, generic marketing strategies.

The 08 student was successfully completed this course based on successful submission of assignments (25%) and proctored examination (75%). Students were mentored by the Mr. Ravinder Reddy for submission assignments and preparation of final examination.

Course concluded with final examination and certificate distributions.

**Outcome of the Course**

- Students learned about basics of marketing
- Students acquired the knowledge of consumer behavior
- Students learned about application of information systems in marketing

  
SPOC NPTEL Local Chapter  
KASCC Bidar

  
Principal  
**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

KRE Society's

Karnatak Arts, Science and Commerce College, Bidar

NPTEL Local Chapter

NPTEL certificate course on Marketing Management-I (2018-19)

List of the Student Successfully Completed the Course

Sl No.	Name of the Student	NPTEL Roll No.	Online Assignments Score	Proctored Exam Score	Consolidated Score
1	Mallikarjuna	NPTEL18MG30S21420010	12.92/25	31.5/75	44%
2	Bhavya	NPTEL18MG30S21420012	14.17/25	25.5/75	40%
3	Priyanka	NPTEL18MG30S21420018	13.33/25	28.5/75	42%
4	Ramya Kulkarni	NPTEL18MG30S21420024	17.92/25	31.5/75	49%
5	Sana Begam	NPTEL18MG30S21420030	19.17/25	42/75	61%
6	Rakesh Reddy B	NPTEL18MG30S21420032	16.25/25	36/75	52%
7	Sumalata	NPTEL18MG30S21420034	17.92/25	22.5/75	40%
8	Nageshwari	NPTEL18MG30S21420046	18.33/25	28.5/75	47%

  
SPOC NPTEL Local Chapter  
KASCC Bidar

  
Principal  
**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401



Roll No:NPTEL18MG30S21420018

To  
KARNATAK ARTS SCIENCE AND COMMERCE  
COLLEGE  
BIDAR

21/209



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:2



# NPTEL Online Certification

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



This certificate is awarded to

**PRIYANKA**

for successfully completing the course

**Marketing Management-I**

with a consolidated score of **42 %**

Online Assignments	13.33/25	Proctored Exam	28.5/75
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Total number of candidates certified in this course: **1530**

*T V Prabhakar*

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

Aug-Sep 2018  
(8 week course)

*[Signature]*

**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

*Satyaki Roy*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL18MG30S21420018

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



Roll No:NPTEL18MG30S21420024

To  
KARNATAK ARTS SCIENCE AND COMMERCE  
COLLEGE  
BIDAR

22/209



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:2



# NPTEL Online Certification

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



This certificate is awarded to  
**RAMYA KULKARNI**  
for successfully completing the course  
**Marketing Management-I**  
with a consolidated score of **49 %**

Online Assignments	17.92/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: 1530

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

Aug-Sep 2018  
(8 week course)

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

*[Signature]*  
**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401



Indian Institute of Technology Kanpur



Roll No: NPTEL18MG30S21420024

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





Roll No:NPTEL18MG30S21420030

To  
KARNATAK ARTS SCIENCE AND COMMERCE  
COLLEGE  
BIDAR

23/209



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:2



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**SANA BEGUM**

for successfully completing the course

**Marketing Management-I**

with a consolidated score of **61 %**

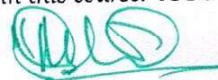
Online Assignments	19.17/25	Proctored Exam	42/75
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Total number of candidates certified in this course: **1530**

*T V Prabhakar*

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

Aug-Sep 2018  
(8 week course)



*Satyaki Roy*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur

**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401



Roll No: NPTEL18MG30S21420030

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



Roll No:NPTEL18MG30S21420032

To  
KARNATAK ARTS SCIENCE AND COMMERCE  
COLLEGE  
BIDAR

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

24/209



No. of credits recommended by NPTEL:2



# NPTEL Online Certification

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



This certificate is awarded to

**RAKESH REDDY B**

for successfully completing the course

**Marketing Management-I**

with a consolidated score of **52 %**

Online Assignments	16.25/25	Proctored Exam	36/75
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Total number of candidates certified in this course: **1530**

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

Aug-Sep 2018  
(8 week course)

*Satyaki Roy*  
**PRINCIPAL**

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur

Karnataka Arts Sci. & Com. College  
BIDAR-585401



Roll No: NPTEL18MG30S21420032

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



Roll No:NPTEL18MG30S21420034

To  
KARNATAK ARTS SCIENCE AND COMMERCE  
COLLEGE  
BIDAR

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

25/209



No. of credits recommended by NPTEL:2



# NPTEL Online Certification

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



This certificate is awarded to

**SUMALATA**

for successfully completing the course

**Marketing Management-I**

with a consolidated score of **40 %**

Online Assignments	17.92/25	Proctored Exam	22.5/75
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Total number of candidates certified in this course: **1530**

*T.V. Prabhakar*

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

Aug-Sep 2018  
(8 week course)

*[Signature]*

**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

*[Signature]*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL18MG30S21420034

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



Roll No: NPTEL18MG30S21420046

To  
KARNATAK ARTS SCIENCE AND COMMERCE  
COLLEGE  
BIDAR

26/209



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:2



# NPTEL Online Certification

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



This certificate is awarded to

**NAGESHWARI**

for successfully completing the course

**Marketing Management-I**

with a consolidated score of **47 %**

Online Assignments	18.33/25	Proctored Exam	28.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **1530**

*T. V. Prabhakar*

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

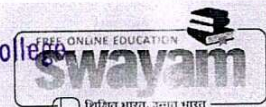
Aug-Sep 2018  
(8 week course)

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



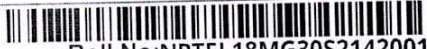
Indian Institute of Technology Kanpur

**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401



Roll No: NPTEL18MG30S21420046

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



Roll No:NPTEL18MG30S21420012

To

KARNATAK ARTS SCIENCE AND COMMERCE  
COLLEGE  
BIDAR

20/209



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:2



# NPTEL Online Certification

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



This certificate is awarded to

**BHAVYA**

for successfully completing the course

**Marketing Management-I**

with a consolidated score of **40 %**

Online Assignments	14.17/25	Proctored Exam	25.5/75
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Total number of candidates certified in this course: **1530**

*T V Prabhakar*

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

Aug-Sep 2018  
(8 week course)



**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

*Satyaki Roy*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL18MG30S21420012

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



Roll No:NPTEL18MG30S21420010

To  
KARNATAK ARTS SCIENCE AND COMMERCE  
COLLEGE  
BIDAR

19/209



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:2



# NPTEL Online Certification

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



This certificate is awarded to  
**MALLIKARJUNA**  
for successfully completing the course  
**Marketing Management-I**  
with a consolidated score of **44 %**

Online Assignments	12.92/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: **1530**

*T V Prabhakar*

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

Aug-Sep 2018  
(8 week course)

*[Signature]*  
**PRINCIPAL**

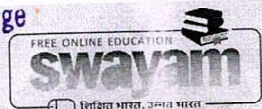
Karnataka Arts Sci. & Com. College  
BIDAR-585401

*[Signature]*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL18MG30S21420010

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

KRE Society's  
**Karnatak Arts, Science and Commerce College, Bidar**  
NPTEL Local Chapter

Date: 16/7/2018

**Notice**

All the students of BA/B Sc/ B Com/BCA/MA/M Sc/M Com are hereby informed that NPTEL Local Chapter of our college is offering various courses through NPTEL Programme of Govt. India for the session Aug 2018 to Sept 2018. Interested students can enrol their names for the above said courses at <https://onlinecourses.nptel.ac.in/> and also register their names to NPTEL, SPOC office in Computer Science Department. The details of the courses are given below:

Sr No.	Title of the course offered	Mentor Assigned	Duration of the Course	No. of credits recommended by NPTEL
1	Infra-Red Spectroscopy for Pollution Monitoring	Dr. S B Mashetty Associate Prof. Department of Chemistry	Aug 2018 to Sept 2018	2 credits
2	Developing Soft Skills and Personality	Azra Samreen Asst. Prof. Department of English	Aug 2018 to Sept 2018	2 credits
3	Innovation, Business Models and Entrepreneurship	Dr. Shashidhar Patil Assistant Professor in Department of Commerce	Aug 2018 to Sept 2018	2 credits
4	Marketing Management- I	Mr. Ravinder Reddy Assistant Professor in Department of Commerce	Aug 2018 to Sept 2018	2 credits
5	Matrix Analysis with Applications	Smt. Padmini Kaji Assistant Professor in Department of Mathematics	Aug 2018 to Sept 2018	2 credits
6	Robotics	Mr. Anilkumar Chikkamanur Associate Professor Department of Electronics	Aug 2018 to Sept 2018	2 credits

NB: While applying for these courses online at <https://onlinecourses.nptel.ac.in/> Select NPTEL Local Chapter as "Karnatak Arts, Science and Commerce College and Select the Assigned Mentor as given above"

  
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KRE Society's

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NPTEL Local Chapter

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**NPTEL certificate course on Matrix Analysis with Application (2018-19)**

**About the Course**

This course is offered to UG and PG students of Engineering/Science background. It contains the concepts related to matrix theory and their applications in various disciplines. It covers a depth understanding of matrix computations involving rank, eigenvalues, eigenvectors, linear transformation, similarity transformations, (diagonalisation, Jordan canonical form, etc). It also involves various iterative methods, including Krylov subspace methods. Finally, topics like positive matrices, non-negative matrices and polar decomposition are discussed in detail with their applications.

**Course layout**

**Week 1** : Echelon form and Rank of a matrix, Solution of system of linear equations.

**Week 2** : Vector spaces and their properties, subspaces, basis and dimension, linear transformations.

**Week 3** : Eigen values and eigen vectors, Cayley Haminton theorem, diagonalization.

**Week 4** : Special matrices, Gerschgorin theorem, inner product spaces, matrix norms and Gram Schmidt Process

**Week 5** : Normal and Positive Definite matrices, Quadratic forms with applications

**Week 6** : Evaluation of matrix functions, SVD and its applications

**Week 7** : Stationary and non-stationary iterative methods for linear system

**Week 8** : Krylov subspace methods, analysis of positive and non-negative matrices, polar decomposition theorem

**Books and references**

1. Hoffman, K. and Kunze, R., "Linear Algebra", 2nd edition, Pearson Education (Asia) Pvt. Ltd/ Prentice Hall of India (2004)
2. Leon, S.J., "Linear Algebra with Applications", 8th Edition, Pearson (2009)
3. Peter, J. Olevier and Shakiban, C., "Applied Linear Algebra", 1st Edition , Prentice Hall (2005)
4. Strang, G., "Linear Algebra and its Applications", 3rd edition, Thomson Learning Asia Pvt Ltd (2003)
4. Strang, G., "Linear Algebra and its Applications", 3rd edition, Thomson Learning Asia Pvt Ltd (2003)



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**NPTEL certificate course on Matrix Analysis with Applications  
(2018-19)**

**Report & Outcome**

**Name of the Course:** Matrix Analysis with Applications

**Name of the Department:** Mathematics

**Name of the Mentor Assigned:** Smt. Padmini Kaji

**Designation:** Asst. Professor

**Number of Student Successfully Obtained NPTEL Certification:** 6

**Session of the Course:** August, 2018 to September 2018

**Duration:** 8 Weeks

**NPTEL Recommended Credits:** 2

The Department of Mathematics has offered the certificate course on Matrix Analysis with Applications for the students of UG programmes from August, 2018 to September 2018 for the duration of 8 weeks through NPTEL Local Chapter of the Institute.

Students learned the basic and advance concept of solutions of system of linear equations, vector spaces and their properties, various functions and their applications on metrics.

The 06 student was successfully completed this course based on successful submission of assignments (25%) and proctored examination (75%). Students were mentored by the Smt. Padmini Kaji for submission assignments and preparation of final examination.

Course concluded with final examination and certificate distributions.

**Outcome of the Course**

- Students learned about basics of matrix operations
- Students acquired the knowledge of various functions and their applications matrices
- Students learned about various types of matrix decomposition techniques

  
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NPTEL Local Chapter

NPTEL certificate course on Matrix Analysis with Applications (2018-19)

List of the Student Successfully Completed the Course

Sl No.	Name of the Student	NPTEL Roll No.	Online Assignments Score	Proctored Exam Score	Consolidated Score
1	Korer Jagdish Shankar	NPTEL18MA14S21420080	14.17/25	36.25/75	50%
2	Kamakshi	NPTEL18MA14S21420069	10/25	37.75/75	48%
3	Sandhya Rani	NPTEL18MA14S21420062	8.75/25	33.25/75	42%
4	Ketana B	NPTEL18MA14S21420054	9.17/25	31/75	40%
5	Ashwini	NPTEL18MA14S21420041	11.67/25	28/75	40%
6	Akash	NPTEL18MA14S21420019	10.42/25	37.76/75	48%

  
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Roll No:NPTEL18MA14S11420019

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2/209



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:2



# NPTEL Online Certification

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



This certificate is awarded to

**AKASH**

for successfully completing the course

## Matrix Analysis with Applications

with a consolidated score of **48 %**

Online Assignments	10.42/25	Proctored Exam	37.76/75
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Prof. B. K. Gandhi  
Coordinator, Continuing Education Center  
NPTEL Coordinator, IIT Roorkee

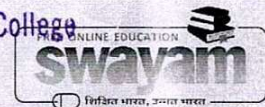
Total number of candidates certified in this course: **221**

Aug-Sep 2018  
(8 week course)

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Roll No: NPTEL18MA14S11420019

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



Roll No:NPTEL18MA14S21420041

To  
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3/209



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:2



# NPTEL Online Certification

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



This certificate is awarded to

**ASHWINI**

for successfully completing the course

## Matrix Analysis with Applications

with a consolidated score of **40 %**

Online Assignments	11.67/25	Proctored Exam	28/75
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Total number of candidates certified in this course: **221**

Prof. B. K. Gandhi  
Coordinator, Continuing Education Center  
NPTEL Coordinator, IIT Roorkee

Aug-Sep 2018  
(8 week course)

**PRINCIPAL**  
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Roll No: NPTEL18MA14S21420041

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



Roll No:NPTEL18MA14S21420054

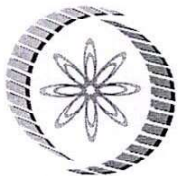
To  
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BIDAR

4/209



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:2



# NPTEL Online Certification

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



This certificate is awarded to

**KETANA.B**

for successfully completing the course

## Matrix Analysis with Applications

with a consolidated score of **40 %**

Online Assignments	9.17/25	Proctored Exam	31/75
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Total number of candidates certified in this course: **221**

Prof. B. K. Gandhi  
Coordinator, Continuing Education Center  
NPTEL Coordinator, IIT Roorkee

Aug-Sep 2018  
(8 week course)

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Roll No: NPTEL18MA14S21420054

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



Roll No:NPTEL18MA14S21420062

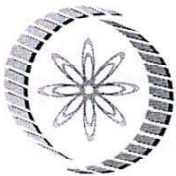
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BIDAR

5/209



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:2



# NPTEL Online Certification

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



This certificate is awarded to

**SANDHYA RANI**

for successfully completing the course

**Matrix Analysis with Applications**

with a consolidated score of **42 %**

Online Assignments	8.75/25	Proctored Exam	33.25/75
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Total number of candidates certified in this course: **221**

Prof. B. K. Gandhi  
Coordinator, Continuing Education Center  
NPTEL Coordinator, IIT Roorkee

Aug-Sep 2018  
(8 week course)

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Roll No: NPTEL18MA14S21420062

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



Roll No:NPTEL18MA14S21420069

To  
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6/209



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:2



# NPTEL Online Certification

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

This certificate is awarded to

**KAMAKSHI**

for successfully completing the course

**Matrix Analysis with Applications**

with a consolidated score of **48 %**

Online Assignments	10.00/25	Proctored Exam	37.75/75
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Total number of candidates certified in this course: **221**

Prof. B. K. Gandhi  
Coordinator, Continuing Education Center  
NPTEL Coordinator, IIT Roorkee

Aug-Sep 2018  
(8 week course)

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Roll No: NPTEL18MA14S21420069

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



Roll No:NPTEL18MA14S21420080

To  
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7/209



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:2



# NPTEL Online Certification

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



This certificate is awarded to  
**KORER JAGDISH SHANKAR**

for successfully completing the course

## Matrix Analysis with Applications

with a consolidated score of **50 %**

Online Assignments	14.17/25	Proctored Exam	36.25/75
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Total number of candidates certified in this course: **221**

Prof. B. K. Gandhi  
Coordinator, Continuing Education Center  
NPTEL Coordinator, IIT Roorkee

Aug-Sep 2018  
(8 week course)

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Roll No: NPTEL18MA14S21420080

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



KRE Society's  
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NPTEL Local Chapter

Date: 16/7/2018

**Notice**

All the students of BA/B Sc/ B Com/BCA/MA/M Sc/M Com are hereby informed that NPTEL Local Chapter of our college is offering various courses through NPTEL Programme of Govt. India for the session Aug 2018 to Sept 2018. Interested students can enrol their names for the above said courses at <https://onlinecourses.nptel.ac.in/> and also register their names to NPTEL, SPOC office in Computer Science Department. The details of the courses are given below:

Sr No.	Title of the course offered	Mentor Assigned	Duration of the Course	No. of credits recommended by NPTEL
1	Infra-Red Spectroscopy for Pollution Monitoring	Dr. S B Mashetty Associate Prof. Department of Chemistry	Aug 2018 to Sept 2018	2 credits
2	Developing Soft Skills and Personality	Azra Samreen Asst. Prof. Department of English	Aug 2018 to Sept 2018	2 credits
3	Innovation, Business Models and Entrepreneurship	Dr. Shashidhar Patil Assistant Professor in Department of Commerce	Aug 2018 to Sept 2018	2 credits
4	Marketing Management- I	Mr. Ravinder Reddy Assistant Professor in Department of Commerce	Aug 2018 to Sept 2018	2 credits
5	Matrix Analysis with Applications	Smt. Padmini Kaji Assistant Professor in Department of Mathematics	Aug 2018 to Sept 2018	2 credits
6	Robotics	Mr. Anilkumar Chikkamanur Associate Professor Department of Electronics	Aug 2018 to Sept 2018	2 credits

NB: While applying for these courses online at <https://onlinecourses.nptel.ac.in/> Select NPTEL Local Chapter as "Karnatak Arts, Science and Commerce College and Select the Assigned Mentor as given above"

  
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NPTEL Local Chapter

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**NPTEL certificate course on Robotics (2018-19)**

**About the Course**

The course will start with a brief introduction to robots and robotics. The motivation behind keeping robots in modern industries will be discussed. After providing a brief history of robotics, different components of a robotic system will be identified. The method of determining degrees of freedom of a robotic system will be discussed with some examples. After classifying the robots based on certain criteria, workspace analysis of manipulators will be carried out. Applications of robots in different areas like in manufacturing units, medical science, space, and others, will be discussed. Various methods of robot teaching will be explained with some suitable examples. Economic analysis will be conducted to decide whether we should purchase a robot. Both forward and inverse kinematics problems will be solved with the help of some suitable examples. To ensure smooth variation of joint angles of the robot, trajectory planning schemes will be explained. After carrying out velocity analysis with the help of Jacobian matrix, inverse dynamics problems of robots will be solved using Lagrange-Euler formulation. Control scheme used in robots to realize the joint torques will be discussed.

**Course layout**

- Week 1** : Introduction to Robots and Robotics
- Week 2** : Introduction to Robots and Robotics; Robot Kinematics
- Week 3** : Robot Kinematics
- Week 4** : Robot Kinematics; Trajectory Planning
- Week 5** : Robot Dynamics
- Week 6** : Control Scheme; Sensors; Robot Vision
- Week 7** : Robot Vision; Robot Motion Planning
- Week 8** : Intelligent Robot; Biped Walking; Summary

**Books and references**

1. Fundamentals of Robotics by D.K. Pratihar, Narosa Publishing House, New-Delhi, 2017
2. Robotics by K.S. Fu, R.C. Gonzalez, C.S.G. Lee, McGraw-Hill Book Company, 1987
3. Introduction to Robotics by J.J. Craig, Addison-Wesley Publishing Company, 1986

  
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**NPTEL certificate course on Robotics  
(2018-19)**

**Report & Outcome**

**Name of the Course:** Robotics

**Name of the Department:** Electronics

**Name of the Mentor Assigned:** Sri. Anilkumar Chikkamanur

**Designation:** Associate Professors

**Number of Student Successfully Obtained NPTEL Certification:** 1

**Session of the Course:** August, 2018 to September 2018

**Duration:** 8 Weeks

**NPTEL Recommended Credits:** 2

The Department of Electronics has offered the certificate course on Robotics for the students of UG programmes from August, 2018 to September 2018 for the duration of 8 weeks through NPTEL Local Chapter of the Institute.

Students learned the basic and advance concept of robots and robotics, robot kinematics, Trajectory planning, robot vision and intelligent robotics.

The 01 student was successfully completed this course based on successful submission of assignments (25%) and proctored examination (75%). Students were mentored by the Sri. Anilkumar Chikkamanur for submission assignments and preparation of final examination.

Course concluded with final examination and certificate distributions.

**Outcome of the Course**

- Students learned about basics of robots and robotics
- Students acquired the knowledge of robot kinematics
- Students learned for sensor and control schemes for robotics

  
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NPTEL certificate course on Robotics (2018-19)

List of the Student Successfully Completed the Course

Sl No.	Name of the Student	NPTEL Roll No.	Online Assignments Score	Proctored Exam Score	Consolidated Score
1	Buddharatn	NPTEL18ME61S21420007	21.67/25	51/75	73%

  
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Roll No:NPTEL18ME61S21420007

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

8/209



No. of credits recommended by NPTEL:2



**Elite**

# NPTEL Online Certification

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



This certificate is awarded to

**BUDDHARATN**

for successfully completing the course

**Robotics**

with a consolidated score of **73 %**

Online Assignments	21.67/25	Proctored Exam	51/75
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Prof. Anupam Basu  
NPTEL Coordinator  
IIT Kharagpur

Total number of candidates certified in this course: **1069**

Aug-Sep 2018  
(8 week course)

**A. Goswami**

Prof. Adrijit Goswami  
Dean  
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur

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Roll No: NPTEL18ME61S21420007

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

KRE Society's  
**Karnatak Arts, Science and Commerce College, Bidar**  
NPTEL Local Chapter

Date: 4/1/2019

**Notice**

All the students of BA/B Sc/ B Com/BCA/MA/M Sc/M Com are hereby informed that NPTEL Local Chapter of our college is offering various courses through NPTEL Programme of Govt. India for the session Jan 2019 to April 2019. Interested students can enrol their names for the above said courses at <https://onlinecourses.nptel.ac.in/> and also register their names to NPTEL, SPOC office in Computer Science Department. The details of the courses are given below:

Sr No.	Title of the course offered	Mentor Assigned	Duration of the Course	No. of credits recommended by NPTEL
1	Soil Science and Technology	Dr. S B Mashetty Assoc. Prof. Dept. of Chemistry	Jan 2019 to April 2019	3 credits
2	English Language for Competitive Exams	Smt. Geeta Raga Asst. Prof. Dept. of English	Jan 2019 to April 2019	3 credits
3	Better Spoken English	Smt. Geeta Raga Asst. Prof. Dept. of English	Jan 2019 to April 2019	3 credits
4	Enhancing Soft skills and Personality	Smt. Geeta Raga Asst. Prof. Dept. of English	Feb 2019 to April 2019	3 credits
5	Integral and Vector Calculus	Smt. Padmini Kaji Asst. Prof. in Dept. of Mathematics	Jan 2019 to April 2019	3 credits
6	Graph Theory	Smt. Padmini Kaji Asst. Prof. in Dept. of Mathematics	Jan 2019 to March 2019	2 credits
7	Financial Institutions and Markets	Mr. Ravinder Reddy Asst. Prof. Dept. of Commerce	Jan 2019 to April 2019	3 credits
8	Principles of Human Resource Management	Mr. Ravinder Reddy Asst. Prof. Dept. of Commerce	Jan 2019 to March 2019	2 credits
9	Marketing Research and Analysis -II	Mr. Ravinder Reddy Asst. Prof. Dept. of Commerce	Jan 2019 to April 2019	3 credits
10	Fibre Optics	Smt. Swetha Patil Asst. Prof. Dept. of Physics	Jan 2019 to March 2019	2 credits

NB: While applying for these courses online at <https://onlinecourses.nptel.ac.in/> Select NPTEL Local Chapter as "Karnatak Arts, Science and Commerce College and Select the Assigned Mentor as given above"

  
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**NPTEL certificate course on Soil Science and Technology (2018-19)**

**About the Course**

This core course is aimed to provide a basic understanding of various aspects of soil science along with some state-of-the-art technologies. The objective is to provide knowledge of different physical and chemical properties of soil. Most importantly this course will impart different preparatory and exploratory data analysis approaches for unconventional digital soil mapping, modeling and mapping of continuous and categorical soil attributes, hyperspectral and proximal soil sensors and their applications for modeling of soil properties, soil pollution and remediation which are not covered in the traditional courses of soil science.

**Course layout**

**Week 1:** Basic Overview Of Soil; Ecosystem Services Of Soils; Weathering; Soil Formation; Soil Profile

**Week 2:** Soil Taxonomy; Soil Orders-1; Soil Orders-2; Soil Colour And Soil Texture; Soil Structure

**Week 3:** Soil Tillage And Soil Density; Soil Porosity And Consistency; Soil Water Energy Concepts; Measurement Of Soil Water; Tutorial

**Week 4:** The Flow Of Liquid Water Into Soil; Qualitative Description Of Soil Wetness; Soil Air; Soil Temperature; Tutorial

**Week 5:** Silicate Clays-1; Silicate Clays -2; Sources Of Charges On Soil Colloids; Cation Exchange Capacity; Sorption Of Pesticides In Soil

**Week 6:** Diffuse Double Layer Theories; Adsorption Isotherms; Soil Acidity; Soil Alkalinity And Salinity; Submerged Soils

**Week 7:** Essential Plant Nutrients; Soil Nitrogen; Biological Nitrogen Fixation; Soil Phosphorus And Potassium; Fertilizers

**Week 8:** Soil Testing-1; Soil Testing-2; Soil Organic Matter And Climate Change; Soil Organisms; Compost

**Week 9:** Soil Erosion And Land Degradation; The Universal Soil-loss Equation; Conservation Tillage; Wind And Tillage Erosion; Toxic Organic Chemicals In Soils

**Week 10:** Remediation Of Soil Organic Pollution; Soil Contamination With Toxic Inorganic Substances; Remediation Of Soil Inorganic Pollution; Soil Survey; Remote Sensing In Soil Survey

**Week 11:** Gis And Gps; Geostatistics; Basics Of Diffuse Reflectance Spectroscopy; Diffuse Reflectance Spectroscopy For Soils; PxrF Soil Applications Overview Of Digital Soil Mapping; Modeling And Mapping Of Continuous Variables; Modeling And Mapping Of Categorical

**Week 12:** Variables; Pedotransfer Functions; Accuracy And Uncertainty Of Dsm

  
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**Books and references**

1. The Nature and Properties of Soils by Nyle C. Brady and Ray R. Weil
2. Fundamentals of soil physics by Daniel Hillel
3. Soil Fertility and Fertilizers by Havlin, Tisdale, Nelson and Beaton



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**NPTEL certificate course on Soil Science and Technology (2018-19)**

**Report & Outcome**

**Name of the Course:** Soil Science and Technology

**Name of the Department:** Chemistry

**Name of the Mentor Assigned:** Dr. S B Mashetty

**Designation:** Associate Professor

**Number of Student Successfully Obtained NPTEL Certification:** 1

**Session of the Course:** Jan 2019 to April 2019

**Duration:** 8 Weeks

**NPTEL Recommended Credits:** 2

The Department of Chemistry has offered the certificate course on Soil Science and Technology for the students of UG programmes from Jan 2019 to April 2019 for the duration of 8 weeks through NPTEL Local Chapter of the Institute.

Students learned the basic and advance concept of soil analysis and various techniques for soil analysis and testing.

The 01 student was successfully completed this course based on successful submission of assignments (25%) and proctored examination (75%). Students were mentored by the Dr. S B Mashetty for submission assignments and preparation of final examination.

Course concluded with final examination and certificate distributions.

**Outcome of the Course**

- Students learned about soil taxonomy
- Students acquired the knowledge of GIS and GPS
- Students learned about essential plant nutrients

  
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NPTEL certificate course on Soil Science and Technology (2018-19)

List of the Student Successfully Completed the Course

Sl No.	Name of the Student	NPTEL Roll No.	Online Assignments Score	Proctored Exam Score	Consolidated Score
1	Korer Jagadish	NPTEL19AR02S41550056	23.91/25	30/75	54%

  
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Roll No: NPTEL19AR02S41550056

To  
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1/209



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

No. of credits recommended by NPTEL:3



# NPTEL Online Certification

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



This certificate is awarded to  
**KORER JAGDISH SHANKAR**  
for successfully completing the course

## Soil Science and Technology

with a consolidated score of **54** %

Online Assignments	23.91/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **306**

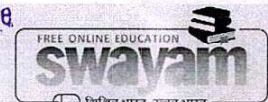
Jan-Apr 2019  
(12 week course)

**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19AR02S41550056

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

KRE Society's  
**Karnatak Arts, Science and Commerce College, Bidar**  
NPTEL Local Chapter

Date: 4/1/2019

**Notice**

All the students of BA/B Sc/ B Com/BCA/MA/M Sc/M Com are hereby informed that NPTEL Local Chapter of our college is offering various courses through NPTEL Programme of Govt. India for the session Jan 2019 to April 2019. Interested students can enrol their names for the above said courses at <https://onlinecourses.nptel.ac.in/> and also register their names to NPTEL, SPOC office in Computer Science Department. The details of the courses are given below:

Sr No.	Title of the course offered	Mentor Assigned	Duration of the Course	No. of credits recommended by NPTEL
1	Soil Science and Technology	Dr. S B Mashetty Assoc. Prof. Dept. of Chemistry	Jan 2019 to April 2019	3 credits
2	English Language for Competitive Exams	Smt. Geeta Raga Asst. Prof. Dept. of English	Jan 2019 to April 2019	3 credits
3	Better Spoken English	Smt. Geeta Raga Asst. Prof. Dept. of English	Jan 2019 to April 2019	3 credits
4	Enhancing Soft skills and Personality	Smt. Geeta Raga Asst. Prof. Dept. of English	Feb 2019 to April 2019	3 credits
5	Integral and Vector Calculus	Smt. Padmini Kaji Asst. Prof. in Dept. of Mathematics	Jan 2019 to April 2019	3 credits
6	Graph Theory	Smt. Padmini Kaji Asst. Prof. in Dept. of Mathematics	Jan 2019 to March 2019	2 credits
7	Financial Institutions and Markets	Mr. Ravinder Reddy Asst. Prof. Dept. of Commerce	Jan 2019 to April 2019	3 credits
8	Principles of Human Resource Management	Mr. Ravinder Reddy Asst. Prof. Dept. of Commerce	Jan 2019 to March 2019	2 credits
9	Marketing Research and Analysis -II	Mr. Ravinder Reddy Asst. Prof. Dept. of Commerce	Jan 2019 to April 2019	3 credits
10	Fibre Optics	Smt. Swetha Patil Asst. Prof. Dept. of Physics	Jan 2019 to March 2019	2 credits

NB: While applying for these courses online at <https://onlinecourses.nptel.ac.in/> Select NPTEL Local Chapter as "Karnatak Arts, Science and Commerce College and Select the Assigned Mentor as given above"

  
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KASCC Bidar

  
Principal  
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KRE Society's  
Karnatak Arts, Science and Commerce College, Bidar  
NPTEL Local Chapter

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**NPTEL certificate course on English Language for Competitive Exams  
(2018-19)**

**About the Course**

The course aims to help participants develop their English language skills, particularly those planning to appear for competitive exams that test their English language abilities. During a span of 30 hours, students will be exposed to material that facilitates aspects of grammar, writing and vocabulary.

**Course layout**

1. Introduction/Practice Tests
2. Advanced Grammar
3. Advanced Grammar for Competitive Exams
4. Advanced Vocabulary for Competitive Exams
5. Advanced Vocabulary
6. Advanced Reading for Competitive Exams
7. Advanced Reading for Competitive Exams
8. Advanced Writing for Competitive Exams
9. Conclusion

**Books and references:** Online pdf are provided hence print references are not given

  
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KASCC Bidar

  
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KRE Society's  
Karnatak Arts, Science and Commerce College, Bidar  
NPTEL Local Chapter

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**NPTEL certificate course on English Language for Competitive Exams  
(2018-19)**

**Report & Outcome**

**Name of the Course:** English Language for Competitive Exam

**Name of the Department:** English

**Name of the Mentor Assigned:** Smt. Geeta Raga

**Designation:** Asst. Professor

**Number of Student Successfully Obtained NPTEL Certification:** 2

**Session of the Course:** Jan 2019 to April 2019

**Duration:** 8 Weeks

**NPTEL Recommended Credits:** 2

The Department of English has offered the certificate course on English Language for Competitive Exam for the students of UG programmes from Jan 2019 to April 2019 for the duration of 8 weeks through NPTEL Local Chapter of the Institute.

Students learned the various concepts related to English language like grammar, vocabulary, reading comprehension and writing comprehension and practice test.

The 02 students were successfully completed this course based on successful submission of assignments (25%) and proctored examination (75%). Students were mentored by the Smt. Geeta Raga for submission assignments and preparation of final examination.

Course concluded with final examination and certificate distributions.

**Outcome of the Course**

- Students learned about basics of grammar and vocabulary skills
- Students acquired the knowledge of reading and writing comprehension
- Students attempted the practice test for competitive exam.

  
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KRE Society's  
Karnatak Arts, Science and Commerce College, Bidar

NPTEL Local Chapter

NPTEL certificate course on English Language for Competitive Exams  
(2018-19)

List of the Student Successfully Completed the Course

Sl No.	Name of the Student	NPTEL Roll No.	Online Assignments Score	Proctored Exam Score	Consolidated Score
1	Faranaaz	NPTEL19HS18S31550039	16.25/25	34.5/75	51%
2	Afshan Begum	NPTEL19HS18S31550111	17.81/25	27/75	45%

  
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Roll No: NPTEL19HS18S31550039

To  
KARNATAK ARTS SCIENCE AND COMMERCE  
COLLEGE  
BIDAR

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



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

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



This certificate is awarded to  
**FARANAAZ**  
for successfully completing the course

## English Language for Competitive Exams

with a consolidated score of **51** %

Online Assignments	16.25/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: **1421**

*A. Ramesh*

Prof. A. Ramesh  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

*[Signature]*

**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

*[Signature]*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS18S31550039

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





Roll No: NPTEL19HS18S31550111

To :  
KARNATAK ARTS SCIENCE AND COMMERCE  
COLLEGE  
BIDAR

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

1/209



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

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



This certificate is awarded to

**AFSHAN BEGUM**

for successfully completing the course

## English Language for Competitive Exams

with a consolidated score of **45** %

Online Assignments	17.81/25	Proctored Exam	27/75
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Total number of candidates certified in this course: **1421**

Prof. A. Ramesh  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS18S31550111

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

KRE Society's  
**Karnatak Arts, Science and Commerce College, Bidar**  
NPTEL Local Chapter

Date: 4/1/2019

**Notice**

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2	English Language for Competitive Exams	Smt. Geeta Raga Asst. Prof. Dept. of English	Jan 2019 to April 2019	3 credits
3	Better Spoken English	Smt. Geeta Raga Asst. Prof. Dept. of English	Jan 2019 to April 2019	3 credits
4	Enhancing Soft skills and Personality	Smt. Geeta Raga Asst. Prof. Dept. of English	Feb 2019 to April 2019	3 credits
5	Integral and Vector Calculus	Smt. Padmini Kaji Asst. Prof. in Dept. of Mathematics	Jan 2019 to April 2019	3 credits
6	Graph Theory	Smt. Padmini Kaji Asst. Prof. in Dept. of Mathematics	Jan 2019 to March 2019	2 credits
7	Financial Institutions and Markets	Mr. Ravinder Reddy Asst. Prof. Dept. of Commerce	Jan 2019 to April 2019	3 credits
8	Principles of Human Resource Management	Mr. Ravinder Reddy Asst. Prof. Dept. of Commerce	Jan 2019 to March 2019	2 credits
9	Marketing Research and Analysis -II	Mr. Ravinder Reddy Asst. Prof. Dept. of Commerce	Jan 2019 to April 2019	3 credits
10	Fibre Optics	Smt. Swetha Patil Asst. Prof. Dept. of Physics	Jan 2019 to March 2019	2 credits

NB: While applying for these courses online at <https://onlinecourses.nptel.ac.in/> Select NPTEL Local Chapter as "Karnatak Arts, Science and Commerce College and Select the Assigned Mentor as given above"

  
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KASCC Bidar

  
Principal  
**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

KRE Society's  
Karnatak Arts, Science and Commerce College, Bidar  
NPTEL Local Chapter

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**NPTEL certificate course on Better Spoken English (2018-19)**

**About the Course**

Why Spoken English Linguistic Aspects of Mishearing Fluency - Speaking to Multicultural/Multidisciplinary Audience - Standard Varieties of Spoken English Tempo of Speech & Phrasal Pause in English English Rhythm - Stress on Simple and Derived Words in English Long Vowels in English Friction Consonants in English Aspects of Theatre in Spoken Communication Grooming, Eye Contact, Body Language, Amplitude Preparing a Presentation : Charts, Graphs, Drawings, Maps, Diagrams, Tables, Etc Research and Organization Using Power Point Slides and Other Presentation Aids Practice and Learning to Improve- Pronunciation of Numbers, Units of Weights, Distance, Etc. Making Presentations and Self-Evaluation

**Books and references**

Chaudhary Shreesh (1992/2004) Better Spoken English, New Delhi :Vikas Publishing



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KRE Society's  
Karnatak Arts, Science and Commerce College, Bidar  
NPTEL Local Chapter

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**NPTEL certificate course on better Spoken English  
(2018-19)**

**Report & Outcome**

**Name of the Course:** Better Spoken English

**Name of the Department:** English

**Name of the Mentor Assigned:** Smt. Geeta Raga

**Designation:** Assistant Professor

**Number of Student Successfully Obtained NPTEL Certification:** 1

**Session of the Course:** Jan 2019 to April 2019

**Duration:** 8 Weeks

**NPTEL Recommended Credits:** 2

The Department of English has offered the certificate course on Better Spoken English for the students of UG programmes from Jan 2019 to April 2019 for the duration of 8 weeks through NPTEL Local Chapter of the Institute.

Students learned the basic and advance concept of English speaking such public speaking, eye contact, fluency etc.

The 01 student was successfully completed this course based on successful submission of assignments (25%) and proctored examination (75%). Students were mentored by the Smt. Geeta Raga for submission assignments and preparation of final examination.

Course concluded with final examination and certificate distributions.

**Outcome of the Course**

- Students learned about basics of English language and its fluency
- Students acquired the knowledge of verbal and non-verbal communication
- Students learned the lessons of body language

  
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NPTEL Local Chapter

NPTEL certificate course on Better Spoken English (2018-19)

List of the Student Successfully Completed the Course

Sl No.	Name of the Student	NPTEL Roll No.	Online Assignments Score	Proctored Exam Score	Consolidated Score
1	Jagdevi	NPTEL19HS19S61550147	17.19/25	24.3/75	41%

  
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Roll No: NPTEL19HS19S61550147

To  
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COLLEGE  
BIDAR

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

2/209



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

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



This certificate is awarded to

**JAGDEVI**

for successfully completing the course

## Better Spoken English

with a consolidated score of **41** %

Online Assignments	17.19/25	Proctored Exam	24.3/75
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Total number of candidates certified in this course: 2469

*A. Ramesh*

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

*[Signature]*

**PRINCIPAL**

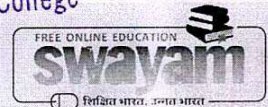
Karnataka Arts Sci. & Com. College  
BIDAR-585401

*[Signature]*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS19S61550147

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

KRE Society's  
**Karnatak Arts, Science and Commerce College, Bidar**  
NPTEL Local Chapter

Date: 4/1/2019

**Notice**

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4	Enhancing Soft skills and Personality	Smt. Geeta Raga Asst. Prof. Dept. of English	Feb 2019 to April 2019	3 credits
5	Integral and Vector Calculus	Smt. Padmini Kaji Asst. Prof. in Dept. of Mathematics	Jan 2019 to April 2019	3 credits
6	Graph Theory	Smt. Padmini Kaji Asst. Prof. in Dept. of Mathematics	Jan 2019 to March 2019	2 credits
7	Financial Institutions and Markets	Mr. Ravinder Reddy Asst. Prof. Dept. of Commerce	Jan 2019 to April 2019	3 credits
8	Principles of Human Resource Management	Mr. Ravinder Reddy Asst. Prof. Dept. of Commerce	Jan 2019 to March 2019	2 credits
9	Marketing Research and Analysis -II	Mr. Ravinder Reddy Asst. Prof. Dept. of Commerce	Jan 2019 to April 2019	3 credits
10	Fibre Optics	Smt. Swetha Patil Asst. Prof. Dept. of Physics	Jan 2019 to March 2019	2 credits

NB: While applying for these courses online at <https://onlinecourses.nptel.ac.in/> Select NPTEL Local Chapter as "Karnatak Arts, Science and Commerce College and Select the Assigned Mentor as given above"

  
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BIDAR-585401

KRE Society's  
Karnatak Arts, Science and Commerce College, Bidar  
NPTEL Local Chapter

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**NPTEL certificate course on Enhancing Soft Skill and Personality (2018-19)**

**About the Course**

The course aims to cause an enhanced awareness about the significance of soft skills in professional and inter-personal communications and facilitate an all-round development of personality. Hard or technical skills help securing a basic position in one's life and career. But only soft skills can ensure a person retain it, climb further, reach a pinnacle, achieve excellence, and derive fulfilment and supreme joy. Soft skills comprise pleasant and appealing personality traits as self-confidence, positive attitude, emotional intelligence, social grace, flexibility, friendliness and effective communication skills. The focus of this course is on interpersonal and management skills.

**Course layout**

Week 1 : Highlights of Developing Soft Skills and Personality Course

Week 2 : Importance of Time and Understanding Perceptions of Time

Week 3 : Types of People

Week 4 : What Makes Others Dislike You? What Makes Others Like You?- What Makes Others Like You?

Week 6 : Humour in Communication Function of Humour in the Workplace Money and Personality Managing Money

Week 7 : Health and Personality

Week 8 : Ethics and Etiquette Business Etiquette Managing Mind and Memory

**Books and references**

- Dorch, Patricia. What Are Soft Skills? New York: Execu Dress Publisher, 2013.
- Kamin, Maxine. Soft Skills Revolution: A Guide for Connecting with Compassion for Trainers, Teams, and Leaders. Washington, DC: Pfeiffer & Company, 2013.
- Klaus, Peggy, Jane Rohman & Molly Hamaker. The Hard Truth about Soft Skills. London: HarperCollins E-books, 2007.
- Petes S. J., Francis. Soft Skills and Professional Communication. New Delhi: Tata McGraw-Hill Education, 2011.
- Stein, Steven J. & Howard E. Book. The EQ Edge: Emotional Intelligence and Your Success. Canada: Wiley & Sons, 2006.

  
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KRE Society's  
Karnatak Arts, Science and Commerce College, Bidar  
NPTEL Local Chapter

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**NPTEL certificate course on Enhancing Soft-Skills and Personality  
(2018-19)**

**Report & Outcome**

**Name of the Course:** Enhancing Soft skills and Personality

**Name of the Department:** English

**Name of the Mentor Assigned:** Smt. Geeta Raga

**Designation:** Asst. Professor

**Number of Student Successfully Obtained NPTEL Certification:**

**Session of the Course:** Jan 2019 to April 2019

**Duration:** 8 Weeks

**NPTEL Recommended Credits:** 2

The Department of Chemistry has offered the certificate course on Enhancing Soft skills and Personality for the students of UG programmes from Jan 2019 to April 2019 for the duration of 8 weeks through NPTEL Local Chapter of the Institute.

Students learned the basic and advance concept of Personality development, time management, types of people, what makes others dislike you, health management, ethics and etiquettes.

The 02 student were successfully completed this course based on successful submission of assignments (25%) and proctored examination (75%). Students were mentored by the Smt. Geeta Raga for submission assignments and preparation of final examination.

Course concluded with final examination and certificate distributions.

**Outcome of the Course**

- Students learned about basics of personality development
- Students acquired the knowledge of time management
- Students learned about health, ethics and etiquettes

  
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KRE Society's

Karnatak Arts, Science and Commerce College, Bidar

NPTEL Local Chapter

NPTEL certificate course on Enhancing Soft Skills and Personality (2018-19)

List of the Student Successfully Completed the Course

Sl No.	Name of the Student	NPTEL Roll No.	Online Assignments Score	Proctored Exam Score	Consolidated Score
1	Faranaaz	NPTEL19HS22S41550140	15.92/25	40.5/75	56%
2	Afshan Begum	NPTEL19HS22S41550152	16.29/25	39/75	55%

  
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Roll No: NPTEL19HS22S41550140

To  
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BIDAR

1/209



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

No. of credits recommended by NPTEL:2



# NPTEL Online Certification

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



This certificate is awarded to

**FARANAAZ**

for successfully completing the course

## Enhancing Soft Skills and Personality

with a consolidated score of **56** %

Online Assignments	15.92/25	Proctored Exam	40.5/75
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Total number of candidates certified in this course: **10466**

*T. V. Prabhakar*

Prof. T. V. Prabhakar  
Chairman  
Centre for Continuing Education, IITK

*[Signature]*  
**PRINCIPAL**

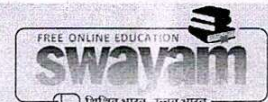
Feb-Apr 2019  
(8 week course)  
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BIDAR-585401

*[Signature]*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL19HS22S41550140

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



Roll No: NPTEL19HS22S41550152

To  
KARNATAK ARTS SCIENCE AND COMMERCE  
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BIDAR

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

1/209



No. of credits recommended by NPTEL:2



# NPTEL Online Certification

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



This certificate is awarded to

**AFSHAN BEGUM**

for successfully completing the course

## Enhancing Soft Skills and Personality

with a consolidated score of **55** %

Online Assignments	16.29/25	Proctored Exam	39/75
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Total number of candidates certified in this course: 10466

*T V Prabhakar*

Prof. T. V. Prabhakar  
Chairman  
Centre for Continuing Education, IITK

Feb-Apr 2019  
(8 week course)

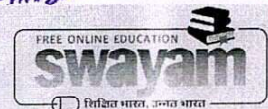
**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

*Satyaki Roy*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL19HS22S41550152

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

KRE Society's  
**Karnatak Arts, Science and Commerce College, Bidar**  
NPTEL Local Chapter

Date: 4/1/2019

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10	Fibre Optics	Smt. Swetha Patil Asst. Prof. Dept. of Physics	Jan 2019 to March 2019	2 credits

NB: While applying for these courses online at <https://onlinecourses.nptel.ac.in/> Select NPTEL Local Chapter as "Karnatak Arts, Science and Commerce College and Select the Assigned Mentor as given above"

  
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**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

KRE Society's

Karnatak Arts, Science and Commerce College, Bidar

NPTEL Local Chapter

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**NPTEL certificate course on Integral and Vector Calculus (2018-19)**

**About the Course**

This course will offer a detailed introduction to integral and vector calculus. We'll start with the concepts of partition, Riemann sum and Riemann Integrable functions and their properties. We then move to anti-derivatives and will look in to few classical theorems of integral calculus such as fundamental theorem of integral calculus. We'll then study improper integral, their convergence and learn about few tests which confirm the convergence. Afterwards we'll look into multiple integrals, Beta and Gamma functions, Differentiation under the integral sign. Finally, we'll finish the integral calculus part with the calculation of area, rectification, volume and surface integrals. In the next part, we'll study the vector calculus. We'll start the first lecture by the collection of vector algebra results. In the following weeks, we'll learn about scalar and vector fields, level surfaces, limit, continuity, and differentiability, directional derivative, gradient, divergence and curl of vector functions and their geometrical interpretation. We'll also study the concepts of conservative, irrotational and solenoidal vector fields. We'll look into the concepts of tangent, normal and binormal and then derive the Serret-Frenet formula. Then we'll look into the line, volume and surface integrals and finally we'll learn the three major theorems of vector calculus: Green's, Gauss's and Stoke's theorem.

**Course layout**

- Week 1 : Partition, concept of Riemann integral, properties of Riemann integrable functions, anti-derivatives, Fundamental theorem of Integral calculus, mean value theorems.
- Week 2 : Reduction formula and derivation of different types of formula, improper integrals and their convergence, tests of convergence.
- Week 3 : Beta and Gamma function, their properties, differentiation under the integral sign, Leibnitz rule.
- Week 4 : Double integrals. change of order of integration, Jacobian transformations, triple integrals.
- Week 5 : Area of plane regions, rectification, surface integrals.
- Week 6 : Volume integrals, center of gravity and moment of Inertia.
- Week 7 : Collection of vector algebra results, scalar and vector fields, level surfaces, limit, continuity, differentiability of vector functions
- Week 8 : Curves, Arc-length, partial derivative of vector function, directional derivative gradient, divergence and curl.
- Week 9 : Irrotational, conservative and Solenoidal fields, tangent, normal, binormal, Serret-Frenet formula.
- Week 10 : Application of vector calculus in mechanics, lines, surface and volume integrals. line integrals independent of path.
- Week 11 : The divergence theorem of Gauss, Stokes theorem, and Green's theorem.

  
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Week 12 : Integral definition of gradient, divergence and curl. revision of problems from Integral and Vector calculus.

**Books and references**

1. Differential and Integral Calculus by N. Piskunov.
2. Integral Calculus by Shanti Narayan and P.K. Mittal.
3. Principles of Mathematical Analysis by W. Rudin
4. Real Analysis by S.K. Mapa
5. Advanced Engineering Mathematics, 9th edition by E. Kreyszig
6. Vector Analysis by Ghosh and Maity
7. An Introduction to Vector Analysis: For Physicists and Engineers by B. Hague
8. Vector Analysis by H.E.Newell, Jr.



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NPTEL Local Chapter

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**NPTEL certificate course on Integral and Vector Calculus  
(2018-19)**

**Report & Outcome**

**Name of the Course:** Integral and Vector Calculus

**Name of the Department:** Mathematics

**Name of the Mentor Assigned:** Smt. Padmini Kaji

**Designation:** Asst. Professor

**Number of Student Successfully Obtained NPTEL Certification:** 2

**Session of the Course:** Jan 2019 to April 2019

**Duration:** 8 Weeks

**NPTEL Recommended Credits:** 2

The Department of Mathematics has offered the certificate course on Integral and Vector Calculus for the students of UG programmes from Jan 2019 to April 2019 for the duration of 8 weeks through NPTEL Local Chapter of the Institute.

Students learned the basic and advance concept of partition, integration, reduction theorem, area of plane regions, curves, the divergence theorem.

The 02 students were successfully completed this course based on successful submission of assignments (25%) and proctored examination (75%). Students were mentored by the Smt. Padmini Kaji for submission assignments and preparation of final examination.

Course concluded with final examination and certificate distributions.

**Outcome of the Course**

- Students learned about basics of integral functions and derivatives
- Students acquired the knowledge of Beta and Gamma functions
- Students learned about divergence theorem and its applications

  
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Karnatak Arts, Science and Commerce College, Bidar

NPTEL Local Chapter

**NPTEL certificate course on Integral and Vector Calculus (2018-19)**

List of the Student Successfully Completed the Course

Sl No.	Name of the Student	NPTEL Roll No.	Online Assignments Score	Proctored Exam Score	Consolidated Score
1	Abhishek	NPTEL19MA02S41550036	12.78/25	22.75/75	41%
2	Jagdish Hande	NPTEL19MA02S41550094	13.25/25	28.5/75	42%

  
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Roll No: NPTEL19MA02S41550036

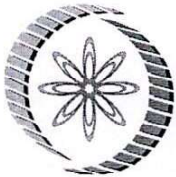
To  
KARNATAK ARTS SCIENCE AND COMMERCE  
COLLEGE  
BIDAR

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

1/209

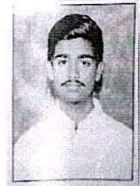


No. of credits recommended by NPTEL:3



# NPTEL Online Certification

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



This certificate is awarded to

**ABHISHEK**

for successfully completing the course

## Integral and Vector Calculus

with a consolidated score of **41** %

Online Assignments	12.78/25	Proctored Exam	27.75/75
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Total number of candidates certified in this course: 107

Jan-Apr 2019  
(12 week course)

**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur





Roll No: NPTEL19MA02S41550094

To  
KARNATAK ARTS SCIENCE AND COMMERCE  
COLLEGE  
BIDAR

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

1/209



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

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



This certificate is awarded to

**JAGDISH HANDE**

for successfully completing the course

## Integral and Vector Calculus

with a consolidated score of **42** %

Online Assignments	13.25/25	Proctored Exam	28.5/75
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Total number of candidates certified in this course: 107

Jan-Apr 2019  
(12 week course)

**PRINCIPAL**

Karnataka Arts Sci. & Com. College  
BIDAR-585401

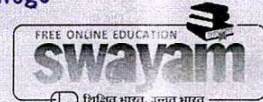
A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MA02S41550094

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

KRE Society's  
**Karnatak Arts, Science and Commerce College, Bidar**  
NPTEL Local Chapter

Date: 4/1/2019

**Notice**

All the students of BA/B Sc/ B Com/BCA/MA/M Sc/M Com are hereby informed that NPTEL Local Chapter of our college is offering various courses through NPTEL Programme of Govt. India for the session Jan 2019 to April 2019. Interested students can enrol their names for the above said courses at <https://onlinecourses.nptel.ac.in/> and also register their names to NPTEL, SPOC office in Computer Science Department. The details of the courses are given below:

Sr No.	Title of the course offered	Mentor Assigned	Duration of the Course	No. of credits recommended by NPTEL
1	Soil Science and Technology	Dr. S B Mashetty Assoc. Prof. Dept. of Chemistry	Jan 2019 to April 2019	3 credits
2	English Language for Competitive Exams	Smt. Geeta Raga Asst. Prof. Dept. of English	Jan 2019 to April 2019	3 credits
3	Better Spoken English	Smt. Geeta Raga Asst. Prof. Dept. of English	Jan 2019 to April 2019	3 credits
4	Enhancing Soft skills and Personality	Smt. Geeta Raga Asst. Prof. Dept. of English	Feb 2019 to April 2019	3 credits
5	Integral and Vector Calculus	Smt. Padmini Kaji Asst. Prof. in Dept. of Mathematics	Jan 2019 to April 2019	3 credits
6	Graph Theory	Smt. Padmini Kaji Asst. Prof. in Dept. of Mathematics	Jan 2019 to March 2019	2 credits
7	Financial Institutions and Markets	Mr. Ravinder Reddy Asst. Prof. Dept. of Commerce	Jan 2019 to April 2019	3 credits
8	Principles of Human Resource Management	Mr. Ravinder Reddy Asst. Prof. Dept. of Commerce	Jan 2019 to March 2019	2 credits
9	Marketing Research and Analysis -II	Mr. Ravinder Reddy Asst. Prof. Dept. of Commerce	Jan 2019 to April 2019	3 credits
10	Fibre Optics	Smt. Swetha Patil Asst. Prof. Dept. of Physics	Jan 2019 to March 2019	2 credits

NB: While applying for these courses online at <https://onlinecourses.nptel.ac.in/> Select NPTEL Local Chapter as "Karnatak Arts, Science and Commerce College and Select the Assigned Mentor as given above"

  
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NPTEL Local Chapter

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**NPTEL certificate course on Graph Theory (2018-19)**

### About the Course

Graph theory began in 1736 when the Swiss mathematician Euler solved Konigsberg seven-bridge problem. It has been two hundred and eighty years till now. Graph theory is the core content of Discrete Mathematics, and Discrete Mathematics is the theoretical basis of computer science and network information science. This course introduces in an elementary way some basic knowledge and the primary methods in Graph Theory.

### Course layout

- Week 1:** Paths, Cycles, Trails, Eulerian Graphs, Hamiltonian Graphs
- Week 2:** Bipartite graphs, Trees, Minimum Spanning Tree Algorithms
- Week 3:** Matching and covers
- Week 4:** Maximum matching in Bipartite Graphs
- Week 5:** Cuts and Connectivity
- Week 6:** 2-connected graphs
- Week 7:** Network flow problems, Ford-Fulkerson algorithm
- Week 8:** Planar graphs; Coloring of graphs

### Books and references

1. Introduction to Graph Theory: D.B. West (2001) Prentice Hall.
2. Graph Theory: F.Harary (1969) Addison-Wesley.
3. Graph Theory: R. Diestel (2006) Springer .and network information science. This course introduces in an elementary way some basic knowledge and the primary methods in Graph Theory

  
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KRE Society's  
Karnatak Arts, Science and Commerce College, Bidar  
NPTEL Local Chapter

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**NPTEL certificate course on Graph Theory (2018-19)**

**Report & Outcome**

**Name of the Course:** Graph Theory

**Name of the Department:** Mathematics

**Name of the Mentor Assigned:** Smt. Padmini Kaji

**Designation:** Asst. Professor in Department of Mathematics

**Number of Student Successfully Obtained NPTEL Certification:** 04

**Session of the Course:** Jan, 2019 to Mar, 2019

**Duration:** 8 Weeks

**NPTEL Recommended Credits:** 2 credits

The Department of Mathematics has offered the certificate course Graph theory for the students of B Sc. from Jan, 2019 to Mar, 2019 for the duration of 8 weeks through NPTEL Local Chapter of the Institute.

The course was about the basic and advanced concepts of graph theory such as Path, cycle matching, tree and network flow problem etc.

The 04 students were successfully completed this course based on successful submission of assignments (25%) and proctored examination (75%). Students were mentored by the Smt. Padmini Kaji for submission assignments and preparation of final examination.

Course concluded with final examination and certificate distributions.

**Outcome of the Course**

- Students learned about the Paths, Cycles, Trails, Eulerian Graphs, Hamiltonian Graphs
- Student acquired the knowledge Bipartite graphs, Trees, Minimum Spanning Tree Algorithms
- Student learned Matching and covers
- Students learned to solve the Network flow problems, Ford-Fulkerson algorithm

  
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**NPTEL certificate course on Graph Theory (2018-19)**

List of the Student Successfully Completed the Course

Sl No.	Name of the Student	NPTEL Roll No.	Online Assignments Score	Proctored Exam Score	Consolidated Score
1	Akash	NPTEL19MA13S21430010	16.71/25	35.25/75	52%
2	Ketana	NPTEL19MA13S21430061	17.79/25	42.75/75	61%
3	Deepika V M	NPTEL19MA13S21430087	16.17/25	38.25/75	54%
4	Sandhyarani	NPTEL19MA13S21430099	15.71/25	24.5/75	40%

  
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Roll No: NPTEL19MA13S21430010

To  
AKASH  
EKLAR  
EKLAR  
BIDAR  
KARNATAKA  
585326  
PH. NO :8861555970

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



No. of credits recommended by NPTEL:2



# NPTEL Online Certification

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



This certificate is awarded to

**AKASH**

for successfully completing the course

## Graph Theory

with a consolidated score of **52** %

Online Assignments	16.71/25	Proctored Exam	35.25/75
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Total number of candidates certified in this course: **438**

Prof. A. Ramesh  
Chairman  
Centre for Continuing Education, IITM

Jan-Mar 2019  
(8 week course)

**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19MA13S21430010

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



Roll No: NPTEL19MA13S21430061

To  
KETANA.B  
KHANAPUR  
KHANAPUR TQ AURAD DI  
BIDAR  
KARNATAKA  
585326  
PH. NO :9980156478

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

No. of credits recommended by NPTEL:2



Elite



# NPTEL Online Certification

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



This certificate is awarded to

**KETANA.B**

for successfully completing the course

## Graph Theory

with a consolidated score of **61** %

Online Assignments	17.79/25	Proctored Exam	42.75/75
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Total number of candidates certified in this course: **438**

*A. Ramesh*

Prof. A. Ramesh  
Chairman  
Centre for Continuing Education, IITM

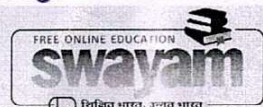
Jan-Mar 2019  
(8 week course)

*[Signature]*  
**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

*[Signature]*  
Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19MA13S21430061

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



Roll No: NPTEL19MA13S21430087

To  
DEEPIKA.V.M  
8-9-571  
BIDAR  
KARNATAKA  
585401  
PH, NO :9113881048

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



No. of credits recommended by NPTEL:2



# NPTEL Online Certification

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



This certificate is awarded to

**DEEPIKA.V.M**

for successfully completing the course

## Graph Theory

with a consolidated score of **54** %

Online Assignments	16.17/25	Proctored Exam	38.25/75
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Total number of candidates certified in this course: **438**

Prof. A. Ramesh  
Chairman  
Centre for Continuing Education, IITM

Jan-Mar 2019  
(8 week course)  
**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras





Roll No: NPTEL19MA13S21430099

To  
SANDHYA RANI  
KHANAPUR  
KHANAPUR  
BIDAR  
KARNATAKA  
585421  
PH. NO :9900371625

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



No. of credits recommended by NPTEL:2



# NPTEL Online Certification

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



This certificate is awarded to

**SANDHYA RANI**

for successfully completing the course

## Graph Theory

with a consolidated score of **40** %

Online Assignments	15.71/25	Proctored Exam	24.5/75
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Total number of candidates certified in this course: **438**

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

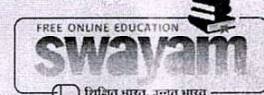
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BIDAR-585401

Jan-Mar 2019  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19MA13S21430099

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

KRE Society's  
**Karnatak Arts, Science and Commerce College, Bidar**  
NPTEL Local Chapter

Date: 4/1/2019

**Notice**

All the students of BA/B Sc/ B Com/BCA/MA/M Sc/M Com are hereby informed that NPTEL Local Chapter of our college is offering various courses through NPTEL Programme of Govt. India for the session Jan 2019 to April 2019. Interested students can enrol their names for the above said courses at <https://onlinecourses.nptel.ac.in/> and also register their names to NPTEL, SPOC office in Computer Science Department. The details of the courses are given below:

Sr No.	Title of the course offered	Mentor Assigned	Duration of the Course	No. of credits recommended by NPTEL
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2	English Language for Competitive Exams	Smt. Geeta Raga Asst. Prof. Dept. of English	Jan 2019 to April 2019	3 credits
3	Better Spoken English	Smt. Geeta Raga Asst. Prof. Dept. of English	Jan 2019 to April 2019	3 credits
4	Enhancing Soft skills and Personality	Smt. Geeta Raga Asst. Prof. Dept. of English	Feb 2019 to April 2019	3 credits
5	Integral and Vector Calculus	Smt. Padmini Kaji Asst. Prof. in Dept. of Mathematics	Jan 2019 to April 2019	3 credits
6	Graph Theory	Smt. Padmini Kaji Asst. Prof. in Dept. of Mathematics	Jan 2019 to March 2019	2 credits
7	Financial Institutions and Markets	Mr. Ravinder Reddy Asst. Prof. Dept. of Commerce	Jan 2019 to April 2019	3 credits
8	Principles of Human Resource Management	Mr. Ravinder Reddy Asst. Prof. Dept. of Commerce	Jan 2019 to March 2019	2 credits
9	Marketing Research and Analysis -II	Mr. Ravinder Reddy Asst. Prof. Dept. of Commerce	Jan 2019 to April 2019	3 credits
10	Fibre Optics	Smt. Swetha Patil Asst. Prof. Dept. of Physics	Jan 2019 to March 2019	2 credits

NB: While applying for these courses online at <https://onlinecourses.nptel.ac.in/> Select NPTEL Local Chapter as "Karnatak Arts, Science and Commerce College and Select the Assigned Mentor as given above"

  
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KRE Society's  
**Karnatak Arts, Science and Commerce College, Bidar**  
NPTEL Local Chapter

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**NPTEL certificate course on Financial Institutions and Markets (2018-19)**

**About the Course**

This course will provide an understanding of the functions, and operations of the financial markets and institutions operating in India. It explains the role of financial system on economic development. Various conceptual issues related to risk and return, the role of regulatory bodies, mechanism of commercial banking, operations of insurance companies and mutual funds are discussed elaborately. It also describes the importance of small savings, provident funds, pension funds and credit rating agencies. The course provides a comprehensive overview and systematic evaluation of the mainstream markets of various financial instruments such as call money, bond, stock, derivatives and exchange rate.

**Course layout**

- Week 1** : Introduction to Financial System and Economic Development
- Week 2** : Concepts Related to Financial Markets and Institutions
- Week 3** : Theories of Level and Structure of Interest Rates
- Week 4** : Financial Regulations and Regulatory Institutions in India
- Week 5** : Commercial Banking
- Week 6** : Other Important Financial Institutions – I
- Week 7** : Other Important Financial Institutions – II
- Week 8** : Money Markets in India
- Week 9** : Bond Market
- Week 10** : Classification of Stock Market and Securities
- Week 11** : Derivatives Market
- Week 12** : Foreign Exchange Market

**Books and references**

- 1) Financial Institutions and Markets: Structure, Growth and Innovations by L.M. Bhole and J. Mahakud, 6th Edition, McGraw Hill Education, Chennai, India
- (2) Financial Markets and Institutions by Frederic Mishkin and Stanley Eakins, 8th Edition, Pearson Education
- (3) Financial Institutions & Markets by Jeff Madura, 10 edition Cengage

  
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KRE Society's  
Karnatak Arts, Science and Commerce College, Bidar  
NPTEL Local Chapter

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**NPTEL certificate course on Financial Institutions and Markets  
(2018-19)**

**Report & Outcome**

**Name of the Course:** Financial Institutions and Markets

**Name of the Department:** Commerce

**Name of the Mentor Assigned:** Mr. Ravinder Reddy

**Designation:** Asst. Professor

**Number of Student Successfully Obtained NPTEL Certification:** 7

**Session of the Course:** Jan 2019 to April 2019

**Duration:** 8 Weeks

**NPTEL Recommended Credits:** 2

The Department of Commerce has offered the certificate course on Financial Institutions and Markets for the students of UG programmes from Jan 2019 to April 2019 for the duration of 8 weeks through NPTEL Local Chapter of the Institute.

Students learned the basic and advance concept of financial systems and economics, concepts related to financial markets, commercial banking, money market in India, Classification of Stock market and securities.

The 07 student were successfully completed this course based on successful submission of assignments (25%) and proctored examination (75%). Students were mentored by the Mr. Ravinder Reddy for submission assignments and preparation of final examination.

Course concluded with final examination and certificate distributions.

**Outcome of the Course**

- Students learned about basics of Indian market and economics
- Students acquired the knowledge of various financial theories and their applications
- Students learned for Indian Stock Market

  
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Karnatak Arts, Science and Commerce College, Bidar  
NPTEL Local Chapter

**NPTEL certificate course on Financial Institutions and Markets  
(2018-19)**

List of the Student Successfully Completed the Course

Sl No.	Name of the Student	NPTEL Roll No.	Online Assignments Score	Proctored Exam Score	Consolidated Score
1	Roselin	NPTEL19MG05S31550006	18.38/25	22/75	40%
2	Priyanka	NPTEL19MG05S31550089	18.22/25	28.5/75	47%
3	Radhika	NPTEL19MG05S31550161	13.81/25	27/75	41%
4	Sneha Sevatker	NPTEL19MG05S31550205	16.41/25	33/75	49%
5	Ashwini	NPTEL19MG05S31550220	16.66/25	23.5/75	40%
6	Nageshwari	NPTEL19MG05S31550238	14.47/25	25.5/75	40%
7	Ranjana	NPTEL19MG05S31550106	17.28/25	23/75	40%

  
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Roll No: NPTEL19MG05S31550006

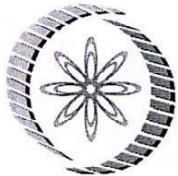
To  
KARNATAK ARTS SCIENCE AND COMMERCE  
COLLEGE  
BIDAR

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

1/209



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

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



This certificate is awarded to

**ROSELIN**

for successfully completing the course

## Financial Institutions and Markets

with a consolidated score of **40** %

Online Assignments	18.38/25	Proctored Exam	22/75
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Total number of candidates certified in this course: **871**

Jan-Apr 2019  
(12 week course)

  
**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

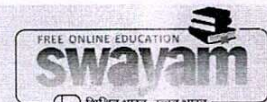
A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG05S31550006

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





Roll No: NPTEL19MG05S31550089

To  
KARNATAK ARTS SCIENCE AND COMMERCE  
COLLEGE  
BIDAR

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

1/209



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

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



This certificate is awarded to

**PRIYANKA**

for successfully completing the course

## Financial Institutions and Markets

with a consolidated score of **47** %

Online Assignments	18.22/25	Proctored Exam	28.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **871**

Jan-Apr 2019  
(12 week course)

**PRINCIPAL**

Karnataka Arts Sci. & Com. College

BIDAR-585401

A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG05S31550089

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



Roll No: NPTEL19MG05S31550161

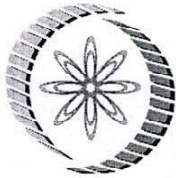
To  
KARNATAK ARTS SCIENCE AND COMMERCE  
COLLEGE  
BIDAR

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

1/209



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

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



This certificate is awarded to

**RADHIKA**

for successfully completing the course

## Financial Institutions and Markets

with a consolidated score of **41** %

Online Assignments	13.81/25	Proctored Exam	27/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **871**

Jan-Apr 2019  
(12 week course)

**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

**A. Goswami**

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG05S31550161

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



Roll No: NPTEL19MG05S31550205

To  
KARNATAK ARTS SCIENCE AND COMMERCE  
COLLEGE  
BIDAR

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

1/209

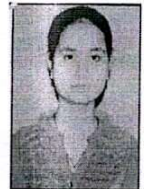


No. of credits recommended by NPTEL:3



# NPTEL Online Certification

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



This certificate is awarded to  
**SNEHA SEVATKER**  
for successfully completing the course

## Financial Institutions and Markets

with a consolidated score of **49** %

Online Assignments	16.41/25	Proctored Exam	33/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 871

Jan-Apr 2019  
(12 week course)

**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG05S31550220

To  
KARNATAK ARTS SCIENCE AND COMMERCE  
COLLEGE  
BIDAR

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

1/209



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

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



This certificate is awarded to

**ASHWINI**

for successfully completing the course

## Financial Institutions and Markets

with a consolidated score of **40** %

Online Assignments	16.66/25	Proctored Exam	23.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **871**

Jan-Apr 2019  
(12 week course)

  
**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG05S31550220

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

Roll No: NPTEL19MG05S31550238

To  
KARNATAK ARTS SCIENCE AND COMMERCE  
COLLEGE  
BIDAR

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



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

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



This certificate is awarded to

**NAGESHWARI**

for successfully completing the course

## Financial Institutions and Markets

with a consolidated score of **40** %

Online Assignments	14.47/25	Proctored Exam	25.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **871**

Jan-Apr 2019  
(12 week course)

**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG05S31550238

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

Roll No: NPTEL19MG05S41550106

To  
KARNATAK ARTS SCIENCE AND COMMERCE  
COLLEGE  
BIDAR

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

1/209



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

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



This certificate is awarded to

**RANJANA**

for successfully completing the course


## Financial Institutions and Markets

with a consolidated score of **40** %

Online Assignments	17.28/25	Proctored Exam	23/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **871**

Jan-Apr 2019  
(12 week course)

  
**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG05S41550106

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

KRE Society's  
**Karnatak Arts, Science and Commerce College, Bidar**  
NPTEL Local Chapter

Date: 4/1/2019

**Notice**

All the students of BA/B Sc/ B Com/BCA/MA/M Sc/M Com are hereby informed that NPTEL Local Chapter of our college is offering various courses through NPTEL Programme of Govt. India for the session Jan 2019 to April 2019. Interested students can enrol their names for the above said courses at <https://onlinecourses.nptel.ac.in/> and also register their names to NPTEL, SPOC office in Computer Science Department. The details of the courses are given below:

Sr No.	Title of the course offered	Mentor Assigned	Duration of the Course	No. of credits recommended by NPTEL
1	Soil Science and Technology	Dr. S B Mashetty Assoc. Prof. Dept. of Chemistry	Jan 2019 to April 2019	3 credits
2	English Language for Competitive Exams	Smt. Geeta Raga Asst. Prof. Dept. of English	Jan 2019 to April 2019	3 credits
3	Better Spoken English	Smt. Geeta Raga Asst. Prof. Dept. of English	Jan 2019 to April 2019	3 credits
4	Enhancing Soft skills and Personality	Smt. Geeta Raga Asst. Prof. Dept. of English	Feb 2019 to April 2019	3 credits
5	Integral and Vector Calculus	Smt. Padmini Kaji Asst. Prof. in Dept. of Mathematics	Jan 2019 to April 2019	3 credits
6	Graph Theory	Smt. Padmini Kaji Asst. Prof. in Dept. of Mathematics	Jan 2019 to March 2019	2 credits
7	Financial Institutions and Markets	Mr. Ravinder Reddy Asst. Prof. Dept. of Commerce	Jan 2019 to April 2019	3 credits
8	Principles of Human Resource Management	Mr. Ravinder Reddy Asst. Prof. Dept. of Commerce	Jan 2019 to March 2019	2 credits
9	Marketing Research and Analysis -II	Mr. Ravinder Reddy Asst. Prof. Dept. of Commerce	Jan 2019 to April 2019	3 credits
10	Fibre Optics	Smt. Swetha Patil Asst. Prof. Dept. of Physics	Jan 2019 to March 2019	2 credits

NB: While applying for these courses online at <https://onlinecourses.nptel.ac.in/> Select NPTEL Local Chapter as "Karnatak Arts, Science and Commerce College and Select the Assigned Mentor as given above"

  
SPOC NPTEL Local Chapter  
KASCC Bidar

  
Principal  
**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

KRE Society's  
**Karnatak Arts, Science and Commerce College, Bidar**  
NPTEL Local Chapter

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**NPTEL certificate course on Principles of Human Resource Management  
(2018-19)**

**About the Course**

Management of human resources is the most important function in any organization. It is essential to achieve a balance between caring for one's employees, helping them work to their maximum potential and achieving the goals of an organization through the work the employees put in. This course is specifically designed to sensitize students who are preparing to enter the workforce to issues related to workforce management.

**Course layout**

- Introduction to HRM Staffing / Recruitment :** Job Analysis and Design, Human resource Planning / Recruitment, Employee Testing and Selection, Interviewing Candidates
- Performance Management and Appraisal Process :** Performance Appraisal Process / Types of Performance Appraisal / Performance Evaluation / Performance Feedback
- Training and development :** Training Process / Need for Training / Training Methods / General and Specific Training/ Training evaluation
- Managing Careers :** Basics of Career Management / Career Planning / Succession Planning/ Career Development / Promotions and Transfers / Employee Commitment
- Implications :** Implications of the above in real life
- Compensation Management :** Components of Wage Structure / Wage and Salary Administration / Compensation Structure / Compensation Benchmarking / Internal and External Parity / Competency based pay
- Pay for Performance and Incentives :** Competency / Performance based pay / Variable pay / Team or Group base pay / Incentives / Managerial Incentives / Fringe Benefits
- Benefits and Services :** Retirement / Insurance / Flexible benefits
- Employee Relations :** Ethics, Justice and Fair treatment in HR / Collective Bargaining / Employee Safety and Health / Managing Global Human Resources / International HRM
- Strategic Human Resource Management and HR Scorecard :** Linking people, strategy and performance
- a. HR – Strategic Partner
  - b. Creating an HR scorecard
  - c. Measuring HR alignment

**Books and references**

Gomez-Mejia, L. R., Balkin, D. B. & Cardy, R. L. (2012). *Managing human resources (7<sup>th</sup> Ed.)*. New Delhi: PHI Ltd.

  
SPOC NPTEL Local Chapter  
KASCC Bidar

  
Principal  
**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401



KRE Society's  
Karnatak Arts, Science and Commerce College, Bidar  
NPTEL Local Chapter

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**NPTEL certificate course on Principles of Human Resource Management  
(2018-19)**

**Report & Outcome**

**Name of the Course:** Principles of Human Resource Management

**Name of the Department:** Commerce

**Name of the Mentor Assigned:** Mr. Ravinder Reddy

**Designation:** Asst. Professor

**Number of Student Successfully Obtained NPTEL Certification:** 10

**Session of the Course:** Jan 2019 to March 2019

**Duration:** 8 Weeks

**NPTEL Recommended Credits:** 2

The Department of Commerce has offered the certificate course on Principles of Human Resource Management for the students of UG programmes from Jan 2019 to March 2019 for the duration of 8 weeks through NPTEL Local Chapter of the Institute.

Students learned the basic and advance concept of Human Resource Management such as recruitment, appraisal and training development. Further students also got the knowledge about career management, compensation management, pay for performance and incentives, benefits and services, Employee Relations etc.

The 10 student was successfully completed this course based on successful submission of assignments (25%) and proctored examination (75%). Students were mentored by the Mr. Ravinder Reddy for submission assignments and preparation of final examination.

Course concluded with final examination and certificate distributions.

**Outcome of the Course**

- Students learned about basics of Recruitment and Staffing
- Students acquired the knowledge of performance appraisal and compensation
- Students learned about employee relations

  
SPOC NPTEL Local Chapter  
KASCC Bidar

  
Principal  
**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

KRE Society's  
Karnatak Arts, Science and Commerce College, Bidar  
NPTEL Local Chapter

**NPTEL certificate course on Principles of Human Resource Management  
(2018-19)**

List of the Student Successfully Completed the Course

Sl No.	Name of the Student	NPTEL Roll No.	Online Assignments Score	Proctored Exam Score	Consolidated Score
1	Arjun	NPTEL19MG06S11430013	22.42/25	31.5/75	54%
2	Ramya Kulkarni	NPTEL19MG06S21430004	23.46/25	43.5/75	67%
3	Sana Begum	NPTEL19MG06S21430082	22.96/25	46.5/75	69%
4	Sarvesh Biradar	NPTEL19MG06S21430103	22.42/25	36/75	58%
5	Pooja Maikod	NPTEL19MG06S21430113	23.96/25	43.5/75	67%
6	Nagamma	NPTEL19MG06S21430123	13.58/25	28.5/75	42%
7	Rohan Digwal	NPTEL19MG06S21430131	19.86/25	24/75	44%
8	Mallikarjuna	NPTEL19MG06S21430135	20.88/25	45/75	66%
9	Bhavya	NPTEL19MG06S21430143	12.54/25	30/75	43%
10	Suryakanth	NPTEL19MG06S21430148	23.46/25	24/75	47%

  
SPOC NPTEL Local Chapter  
KASCC Bidar

  
Principal  
**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

Roll No: NPTEL19MG06S11430013

To  
ARJUN  
17-4-6/1 KEB CLONY GUMPA BIDAR  
BIDAR  
KARNATAKA  
585403  
PH. NO :7996689645

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



No. of credits recommended by NPTEL:2



# NPTEL Online Certification

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



This certificate is awarded to

**ARJUN**

for successfully completing the course


## Principles Of Human Resource Management

with a consolidated score of **54** %

Online Assignments	22.42/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: 2466

Jan-Mar 2019  
(8 week course)

  
A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur  
**PRINCIPALS**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG06S11430013

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

Roll No: NPTEL19MG06S21430004

To  
RAMYA KULKARNI  
SHIVNAGAR NORTH  
BIDAR  
KARNATAKA  
585401  
PH. NO :9972209782

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



No. of credits recommended by NPTEL:2

Elite



# NPTEL Online Certification

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



This certificate is awarded to  
**RAMYA KULKARNI**  
for successfully completing the course

## Principles Of Human Resource Management

with a consolidated score of **67** %

Online Assignments	23.46/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **2466**

Jan-Mar 2019  
(8 week course)

**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG06S21430004

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

Roll No: NPTEL19MG06S21430082

To  
SANA BEGUM  
BAGDAL  
BIDAR  
KARNATAKA  
585401  
PH. NO :8830547657

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

No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**SANA BEGUM**

for successfully completing the course

## Principles Of Human Resource Management

with a consolidated score of **69** %

Online Assignments	22.96/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 2466

Jan-Mar 2019  
(8 week course)

**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

A. Goswami

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG06S21430082

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

Roll No: NPTEL19MG06S21430103

To  
SARVESH BIRADAR  
R.V BIDAPPA COLONY ,GUMPA  
BIDAR  
KARNATAKA  
585401  
PH. NO :7411890558

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

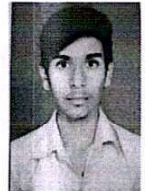


No. of credits recommended by NPTEL:2



# NPTEL Online Certification

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



This certificate is awarded to

**SARVESH BIRADAR**

for successfully completing the course

## Principles Of Human Resource Management

with a consolidated score of **58** %

Online Assignments	22.42/25	Proctored Exam	36/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **2466**

Jan-Mar 2019  
(8 week course)

**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG06S21430103

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

Roll No: NPTEL19MG06S21430113

To  
POOJA MAIKOD  
RAM NAGAR  
BIDAR  
KARNATAKA  
585401  
PH. NO :7483225646

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



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**POOJA MAIKOD**

for successfully completing the course

## Principles Of Human Resource Management

with a consolidated score of **67** %

Online Assignments	23.96/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **2466**

Jan-Mar 2019  
(8 week course)

**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG06S21430113

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

Roll No: NPTEL19MG06S21430123

To  
NAGAMMA  
TAJLAPUR  
TAJLAPUR BIDAR  
BIDAR  
KARNATAKA  
585401  
PH. NO :7411153200

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



No. of credits recommended by NPTEL:2



# NPTEL Online Certification

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



This certificate is awarded to

**NAGAMMA**

for successfully completing the course

## Principles Of Human Resource Management

with a consolidated score of **42** %

Online Assignments	13.58/25	Proctored Exam	28.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 2466

A. Goswami

Prof. Adrijit Goswami

Jan-Mar 2019  
(8 week course)

**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG06S21430123

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



Roll No: NPTEL19MG06S21430131

To  
ROHAN DIGWAL  
10-3-320 SUBHASH CHOWK MANGALPET BIDAR  
KARNATAKA  
585403  
PH. NO :7348895152

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



No. of credits recommended by NPTEL:2



# NPTEL Online Certification

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



This certificate is awarded to

**ROHAN DIGWAL**

for successfully completing the course

## Principles Of Human Resource Management

with a consolidated score of **44** %

Online Assignments	19.83/25	Proctored Exam	24/75
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Total number of candidates certified in this course: **2466**

Jan-Mar 2019  
(8 week course)

  
**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

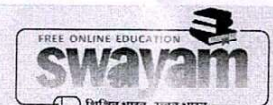
**A. Goswami**

**Prof. Adrijit Goswami**

Dear, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG06S21430131

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

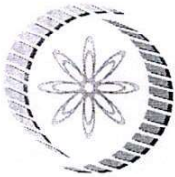
Roll No: NPTEL19MG06S21430135

To  
MALLIKARJUNA  
PANSAL TALEEM CHAND BIBI ROAD BIDAR  
KARNATAKA  
585401  
PH. NO .6362951302

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



No. of credits recommended by NPTEL:2



Elite

# NPTEL Online Certification

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



This certificate is awarded to  
**MALLIKARJUNA**  
for successfully completing the course

## Principles Of Human Resource Management

with a consolidated score of **66** %

Online Assignments	20.88/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **2466**

Jan-Mar 2019  
(8 week course)

  
**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

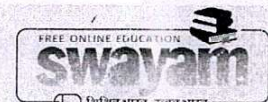
**A. Goswami**

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG06S21430135

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



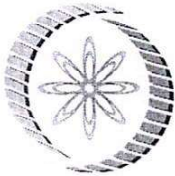
Roll No: NPTEL19MG06S21430143

To  
BHAVYA  
NIRNA  
NIRANA  
BIDAR  
KARNATAKA  
585402  
PH. NO :9686175118

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



No. of credits recommended by NPTEL:2



# NPTEL Online Certification

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



This certificate is awarded to

**BHAVYA**

for successfully completing the course

## Principles Of Human Resource Management

with a consolidated score of **43** %

Online Assignments	12.54/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 2466

Jan-Mar 2019  
(8 week course)

**PRINCIPAL**

Karnataka Arts Sci. & Com. College

BIDAR-585401

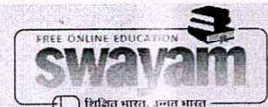
A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG06S21430148

To  
SURYAKANTH  
C/O MAHIPAL  
POST. DHARMAPUR  
TQ. DIST. BIDAR  
DHARMAPUR  
BIDAR  
KARNATAKA  
585401  
PH. NO :9113031063

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



No. of credits recommended by NPTEL:2



# NPTEL Online Certification

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



This certificate is awarded to

**SURYAKANTH**

for successfully completing the course

## Principles Of Human Resource Management

with a consolidated score of **47** %

Online Assignments	23.46/25	Proctored Exam	24/75
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Total number of candidates certified in this course: **2466**

Jan-Mar 2019  
(8 week course)

  
**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

A. Goswami

Prof. Adrijit Goswami

Deputy Director of Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG06S21430148

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

**KRE Society's**  
**Karnatak Arts, Science and Commerce College, Bidar**  
**NPTEL Local Chapter**

Date: 4/1/2019

**Notice**

All the students of BA/B Sc/ B Com/BCA/MA/M Sc/M Com are hereby informed that NPTEL Local Chapter of our college is offering various courses through NPTEL Programme of Govt. India for the session Jan 2019 to April 2019. Interested students can enrol their names for the above said courses at <https://onlinecourses.nptel.ac.in/> and also register their names to NPTEL, SPOC office in Computer Science Department. The details of the courses are given below:

Sr No.	Title of the course offered	Mentor Assigned	Duration of the Course	No. of credits recommended by NPTEL
1	Soil Science and Technology	Dr. S B Mashetty Assoc. Prof. Dept. of Chemistry	Jan 2019 to April 2019	3 credits
2	English Language for Competitive Exams	Smt. Geeta Raga Asst. Prof. Dept. of English	Jan 2019 to April 2019	3 credits
3	Better Spoken English	Smt. Geeta Raga Asst. Prof. Dept. of English	Jan 2019 to April 2019	3 credits
4	Enhancing Soft skills and Personality	Smt. Geeta Raga Asst. Prof. Dept. of English	Feb 2019 to April 2019	3 credits
5	Integral and Vector Calculus	Smt. Padmini Kaji Asst. Prof. in Dept. of Mathematics	Jan 2019 to April 2019	3 credits
6	Graph Theory	Smt. Padmini Kaji Asst. Prof. in Dept. of Mathematics	Jan 2019 to March 2019	2 credits
7	Financial Institutions and Markets	Mr. Ravinder Reddy Asst. Prof. Dept. of Commerce	Jan 2019 to April 2019	3 credits
8	Principles of Human Resource Management	Mr. Ravinder Reddy Asst. Prof. Dept. of Commerce	Jan 2019 to March 2019	2 credits
9	Marketing Research and Analysis -II	Mr. Ravinder Reddy Asst. Prof. Dept. of Commerce	Jan 2019 to April 2019	3 credits
10	Fibre Optics	Smt. Swetha Patil Asst. Prof. Dept. of Physics	Jan 2019 to March 2019	2 credits

NB: While applying for these courses online at <https://onlinecourses.nptel.ac.in/> Select NPTEL Local Chapter as "Karnatak Arts, Science and Commerce College and Select the Assigned Mentor as given above"

  
SPOC NPTEL Local Chapter  
KASCC Bidar

  
Principal  
**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

KRE Society's  
Karnatak Arts, Science and Commerce College, Bidar  
NPTEL Local Chapter

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**NPTEL certificate course on Marketing Research and Analysis-II (2018-19)**

**About the Course**

Marketing research and Analysis-II (Application oriented) is an extension of the course marketing research and analysis. In this course the emphasis has been laid on the practical side of research and data analysis. It is intended to give a step by step approach for researchers who are involved in data analysis for their thesis and publication work. Industry practitioners can have a real time feel of the data analysis process. It describes the tools covered under multivariate data analysis techniques which students and practitioners find slightly confusing and thus, this course would answer their queries and help them progress in their respective fields of research. It uses research tools like univariate tests, deep analysis of various regression analysis techniques, factor and cluster analysis, discriminant analysis and SEM in details etc. along with non-parametric techniques also. SPSS and AMOS software has been used and explained for data analysis. Most importantly interpreting the data and finally writing for a research work has been explained for all the techniques.

**Course layout**

- Week 1: Introduction to marketing research
- Week 2: Marketing research process and hypotheses development
- Week 3: Research design
- Week 4: Data purification and handling
- Week 5: Hypothesis testing
- Week 6: Non-parametric test
- Week 7: Introduction to ANOVA & ANCOVA
- Week 8: ANOVA, ANCOVA, MANOVA & MANCOVA in SPSS
- Week 9: Correlation and regression
- Week 10: Various types of regression and discriminant analysis
- Week 11: Exploratory and Confirmatory factor analysis
- Week 12: Structural equation modelling & cluster analysis

**Books and References**

- Marketing Research by Naresh Malhotra, Pearson.
- Marketing Research: A South Asian Perspective 1st Edition (Churchill, Israel), Cengage learning .

  
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KASCC Bidar

  
Principal  
**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

KRE Society's  
Karnatak Arts, Science and Commerce College, Bidar  
NPTEL Local Chapter

---

**NPTEL certificate course on Marketing Research and Analysis-II  
(2018-19)**

**Report & Outcome**

**Name of the Course:** Marketing Research and Analysis-II

**Name of the Department:** Commerce

**Name of the Mentor Assigned:** Mr. Ravinder Reddy

**Designation:** Asst. Professor

**Number of Student Successfully Obtained NPTEL Certification:** 5

**Session of the Course:** Jan 2019 to April 2019

**Duration:** 8 Weeks

**NPTEL Recommended Credits:** 2

The Department of Commerce has offered the certificate course on Marketing Research and Analysis-II for the students of UG programmes from Jan 2019 to April 2019 or the duration of 8 weeks through NPTEL Local Chapter of the Institute.

Students learned the basic and advance concept of marketing research, data collection, analysis and management, various types statistical tools and techniques.

The 10 student were successfully completed this course based on successful submission of assignments (25%) and proctored examination (75%). Students were mentored by the Mr. Ravinder Reddy for submission assignments and preparation of final examination.

Course concluded with final examination and certificate distributions.

**Outcome of the Course**

- Students learned about basics of research design
- Students acquired the knowledge of data analysis and interpretation techniques
- Students learned the array of statistical tools and techniques for research

  
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KASCC Bidar

  
Principal  
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Karnataka Arts Sci. & Com. College  
BIDAR-585401

KRE Society's

Karnatak Arts, Science and Commerce College, Bidar

NPTEL Local Chapter

**NPTEL certificate course on Marketing Research and Analysis-II  
(2018-19)**

List of the Student Successfully Completed the Course

Sl No.	Name of the Student	NPTEL Roll No.	Online Assignments Score	Proctored Exam Score	Consolidated Score
1	Terasa	NPTEL19MG12S51550020	22.50/25	24/75	47%
2	Karishma Suryawanshi	NPTEL19MG12S51550072	23.13/25	19.5/75	43%
3	Anajli	NPTEL19MG12S51550102	23.44/25	18/75	41%
4	Ashwini Thakur	NPTEL19MG12S51550124	23.13/25	24/75	47%
5	Teresa Prashanthi	NPTEL19MG12S51550140	22.81/25	33/75	56%

  
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BIDAR-585401



Roll No: NPTEL19MG12S51550020

To  
KARNATAK ARTS SCIENCE AND COMMERCE  
COLLEGE  
BIDAR

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

1/209



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

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



This certificate is awarded to

**TERESA**

for successfully completing the course

## Marketing Research and Analysis - II

with a consolidated score of **47** %

Online Assignments	22.50/25	Proctored Exam	24/75
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Total number of candidates certified in this course: **181**

*B. K. Gandhi*

Prof. B. K. Gandhi  
Coordinator, Continuing Education Centre  
NPTEL Coordinator, IIT Roorkee

Jan-Apr 2019  
(12 week course)

*[Signature]*

**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401



Indian Institute of Technology Roorkee



Roll No: NPTEL19MG12S51550020

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

Roll No: NPTEL19MG12S51550072

To  
KARNATAK ARTS SCIENCE AND COMMERCE  
COLLEGE  
BIDAR

1/209



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

No. of credits recommended by NPTEL:3



# NPTEL Online Certification

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



This certificate is awarded to  
**KARISHMA SURYAWANSHI**  
for successfully completing the course

## Marketing Research and Analysis - II

with a consolidated score of **43** %

Online Assignments	23.13/25	Proctored Exam	19.5/75
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Total number of candidates certified in this course: **181**

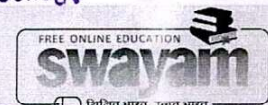
Prof. B. K. Gandhi  
Coordinator, Continuing Education Centre  
NPTEL Coordinator, IIT Roorkee

Jan-Apr 2019  
(12 week course)

**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401



Indian Institute of Technology Roorkee



Roll No: NPTEL19MG12S51550072

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

Roll No: NPTEL19MG12S51550102

To  
KARNATAK ARTS SCIENCE AND COMMERCE  
COLLEGE  
BIDAR

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



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

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



This certificate is awarded to  
**ANJALI**  
for successfully completing the course

## Marketing Research and Analysis - II

with a consolidated score of **41** %

Online Assignments	23.44/25	Proctored Exam	18/75
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Total number of candidates certified in this course: **181**

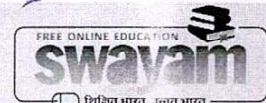
Prof. B. K. Gandhi  
Coordinator, Continuing Education Centre  
NPTEL Coordinator, IIT Roorkee

Jan-Apr 2019  
(12 week course)

**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401



Indian Institute of Technology Roorkee



Roll No: NPTEL19MG12S51550102

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



Roll No: NPTEL19MG12S51550124

To  
KARNATAK ARTS SCIENCE AND COMMERCE  
COLLEGE  
BIDAR

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

1/209



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

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



This certificate is awarded to  
**ASHWINI THAKUR**  
for successfully completing the course

## Marketing Research and Analysis - II

with a consolidated score of **47** %

Online Assignments	23.13/25	Proctored Exam	24/75
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Total number of candidates certified in this course: **181**

Prof. B. K. Gandhi  
Coordinator, Continuing Education Centre  
NPTEL Coordinator, IIT Roorkee

Jan-Apr 2019  
(12 week course)

**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401



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Roll No: NPTEL19MG12S51550124

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



Roll No: NPTEL19MG12S51550140

To  
KARNATAK ARTS SCIENCE AND COMMERCE  
COLLEGE  
BIDAR

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

1/209



No. of credits recommended by NPTEL:3



# NPTEL Online Certification

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



This certificate is awarded to  
**TERESA PRASHANTHI**  
for successfully completing the course

## Marketing Research and Analysis - II

with a consolidated score of **56** %

Online Assignments	22.81/25	Proctored Exam	33/75
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Total number of candidates certified in this course: **181**

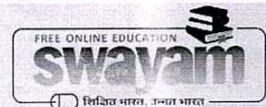
Prof. B. K. Gandhi  
Coordinator, Continuing Education Centre  
NPTEL Coordinator, IIT Roorkee

Jan-Apr 2019  
(12 week course)

**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401



Indian Institute of Technology Roorkee



Roll No: NPTEL19MG12S51550140

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

KRE Society's  
**Karnatak Arts, Science and Commerce College, Bidar**  
NPTEL Local Chapter

Date: 4/1/2019

**Notice**

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2	English Language for Competitive Exams	Smt. Geeta Raga Asst. Prof. Dept. of English	Jan 2019 to April 2019	3 credits
3	Better Spoken English	Smt. Geeta Raga Asst. Prof. Dept. of English	Jan 2019 to April 2019	3 credits
4	Enhancing Soft skills and Personality	Smt. Geeta Raga Asst. Prof. Dept. of English	Feb 2019 to April 2019	3 credits
5	Integral and Vector Calculus	Smt. Padmini Kaji Asst. Prof. in Dept. of Mathematics	Jan 2019 to April 2019	3 credits
6	Graph Theory	Smt. Padmini Kaji Asst. Prof. in Dept. of Mathematics	Jan 2019 to March 2019	2 credits
7	Financial Institutions and Markets	Mr. Ravinder Reddy Asst. Prof. Dept. of Commerce	Jan 2019 to April 2019	3 credits
8	Principles of Human Resource Management	Mr. Ravinder Reddy Asst. Prof. Dept. of Commerce	Jan 2019 to March 2019	2 credits
9	Marketing Research and Analysis -II	Mr. Ravinder Reddy Asst. Prof. Dept. of Commerce	Jan 2019 to April 2019	3 credits
10	Fibre Optics	Smt. Swetha Patil Asst. Prof. Dept. of Physics	Jan 2019 to March 2019	2 credits

NB: While applying for these courses online at <https://onlinecourses.nptel.ac.in/> Select NPTEL Local Chapter as "Karnatak Arts, Science and Commerce College and Select the Assigned Mentor as given above"

  
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KASCC Bidar

  
Principal  
**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

KRE Society's  
Karnatak Arts, Science and Commerce College, Bidar  
NPTEL Local Chapter

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NPTEL certificate course on Fiber Optics (2018-19)

**About the Course**

The course is aimed at equipping the undergraduate Engineering and Physics students with the basic understanding of optical fibers and optical fiber communication. The course provides knowledge of optical fiber waveguide at fundamental level, essentials of an optical fiber communication system and understanding of various components of an optical fiber telecommunication system.

**Course Layout:**

**Week 1:** Introduction, need for optical communication, salient features of optical fibers, ray theory of light guidance, numerical aperture, modes of a fiber, single and multimode fibers, step-index and graded-index fibers, fiber fabrication techniques.

**Week 2:** Transmission characteristics of optical fibers, attenuation, pulse broadening mechanism, intermodal dispersion, bit rate-length product, material dispersion, electromagnetic wave analysis of light propagation in an infinitely extended medium, emwaves in dielectrics, boundary conditions

**Week 3:** Electromagnetic analysis of planar optical waveguides, TE and TM modes, planar mirror waveguide, dielectric symmetric step-index, planar waveguide, symmetric and anti-symmetric modes, b-V curves, modal fields.

**Week 4:** Power associated with modes of dielectric symmetric planar waveguide, asymmetric planar waveguide, single polarization single mode waveguide, excitation of guided modes by prism coupling technique, radiation modes, optical fiber waveguide, EH and HE modes, weakly guiding fibers, LP modes, mode cut-offs, b-V curves.

**Week 5:** Optical fiber modes, field patterns, degeneracies, fractional power in the core, single mode fiber, cut-off wavelength, mode field diameter, bend loss, splice loss, waveguide dispersion, group delay.

**Week 6:** Total chromatic dispersion, pulse broadening and chirping, dispersion in graded-index and multilayer fibers, optical fiber components and devices, directional coupler, power splitter, WDM coupler, polarization controllers, fiber Bragg gratings.

**Week 7:** Various types of fiber Bragg gratings, fabrication methods, applications, long period gratings, optical fiber amplifier, erbium doped fiber amplifier, dispersion management, dispersion shifted fiber, dispersion compensating fiber, sources for optical fiber communication, light emitting diode, internal and external quantum efficiencies, LED characteristics, laser diode.

**Week 8:** Detectors for optical communication, p-i-n photodetector, APD, System design, dispersion and attenuation limited systems, BER, power budgeting of fiber link, recent advances

**Books and references**

- Ghatak A K and Thyagarajan K, "Introduction to Fiber Optics", Cambridge University Press
- Saleh B E A and Teich M C, "Fundamentals of Photonics," Wiley-Interscience
- Agrawal G P, "Optical Fiber Communication System," Wiley-Interscience
- Keiser G, "Optical Fiber Communications", McGraw Hill

  
SPOC NPTEL Local Chapter  
KASCC Bidar

  
Principal  
**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401

KRE Society's  
Karnatak Arts, Science and Commerce College, Bidar  
NPTEL Local Chapter

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**NPTEL certificate course on Fiber Optics  
(2018-19)**

**Report & Outcome**

**Name of the Course:** Fiber Optics

**Name of the Department:** Physics

**Name of the Mentor Assigned:** Smt. Swetha Patil

**Designation:** Asst. Professor

**Number of Student Successfully Obtained NPTEL Certification:** 1

**Session of the Course:** Jan 2019 to March 2019

**Duration:** 8 Weeks

**NPTEL Recommended Credits:** 2

The Department of Physics has offered the certificate course on Fiber Optics for the students of UG programmes from Jan 2019 to March 2019 for the duration of 8 weeks through NPTEL Local Chapter of the Institute.

Students learned the basic and advance concept of Optical communication, transmission characteristics, optical fiber modes, detectors and optical communication.

The 01 student was successfully completed this course based on successful submission of assignments (25%) and proctored examination (75%). Students were mentored by the Miss. Swetha Patil for submission assignments and preparation of final examination.

Course concluded with final examination and certificate distributions.

**Outcome of the Course**

- Students learned about basics of fiber optics principles
- Students acquired the knowledge of transmission characteristics
- Students learned various types of fiber bag gratings

  
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KASCC Bidar

  
Principal  
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Karnataka Arts Sci. & Com. College  
BIDAR-585401



KRE Society's

Karnatak Arts, Science and Commerce College, Bidar

NPTEL Local Chapter

**NPTEL certificate course on Fiber Optics (2018-19)**

List of the Student Successfully Completed the Course

Sl No.	Name of the Student	NPTEL Roll No.	Online Assignments Score	Proctored Exam Score	Consolidated Score
1	Siddeshwari	NPTEL19PH05521430045	14.17/25	26/75	40%



SPOC NPTEL Local Chapter  
KASCC Bidar



Principal

**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401



Roll No: NPTEL19PH05S21430045

To  
SIDDESHWARI  
C/O BASAPPA  
DHABA GALLI, CHIDRI, BIDAR  
KARNATAKA  
585401  
PH. NO :9611756996

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



No. of credits recommended by NPTEL:2



# NPTEL Online Certification

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



This certificate is awarded to  
**SIDDESHWARI**  
for successfully completing the course

## Fiber Optics

with a consolidated score of **40 %**

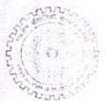
Online Assignments	14.17/25	Proctored Exam	26/75
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Total number of candidates certified in this course: 177

Prof. B. K. Gandhi  
Coordinator, Continuing Education Centre  
NPTEL Coordinator, IIT Roorkee

Jan-Mar 2019  
(8 week course)

**PRINCIPAL**  
Karnataka Arts Sci. & Com. College  
BIDAR-585401



Indian Institute of Technology Roorkee



Roll No: NPTEL19PH05S21430045

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