



R. C. Patel Educational Trust's
R. C. Patel Arts, Commerce and Science College
Shirpur-425405, Karvand Naka, Dist.- Dhule (Maharashtra)
E-mail - principal@rcpasc.ac.in

Affiliated to: K. B. C. North Maharashtra University, Jalgaon-425001

Self Study Report (SSR): 2024 (4th Cycle)



Criteria - 6
Governance, Leadership and Management

Key Indicator - 6.3
Faculty Empowerment Strategies

Metric No. - 6.3.3 (QnM)
Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

Submitted to
National Assessment and Accreditation Council, Bangalore



R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce and Science College

Karvand Naka, Shirpur 425405, Dist - Dhule, Maharashtra

☎: (02563) 299328

E-mail: principal@rcpasc.ac.in

President

Hon. Bhupeshbhai Patel

Principal

Dr. D. R. Patil

Date: 15/06/2024

Declaration

This is to declare that, the information, reports, true copies of the supporting documents, numerical data etc. submitted in these files is verified by Internal Quality Assurance Cell (IQAC) and it is correct as per the office record.

This declaration is for the purpose of NAAC accreditation of the HEI for the 4th cycle assessment period 2018-19 to 2022-23.

Place: Shirpur

Date: 15/06/2024

Dr. Sandip P. Patil
IQAC Co-ordinator
IQAC Coordinator

R. C. Patel Educational Trust's
R. C. Patel Arts, Commerce and Science College
Shirpur, Dist.-Dhule (M.S.) 425405



Dr. D. R. Patil
IQAC Chairman & Principal
PRINCIPAL

R. C. Patel Educational Trust's
R. C. Patel Arts, Commerce and Science College
Shirpur, Dist.-Dhule (M.S.) 425405

Participation In The F. D. P. /M. D. P./ Professional Development /

Administrative Training Program

For The Year 2022-23

INDEX

Sr. No.	Name of the Participant	Participation in the F.D.P. /M.D.P./ Professional Development / Administrative Training Program
1.	Mr. Vijay S. Patil	Coursera: Nanotechnology and Nanosensors, Part -I
2.	Mr. Ganesh R. Chaudhari	International FDP On Advanced Materials for Technological Applications
3.	Mr. Aadesh S. Jain	Short Term Training on Updation in Teaching Leanings Techniques and Research
4.	Mr. Knatilal A. Pawara	Coursera: Nanotechnology and Nanosensors, Part -I
5.	Miss. Ashwini R. Desale	FDP on Climate Change Mitigation: Innovations and Policy Challenges
6.	Dr. Avinash A. Patil	International FDP On Advanced Materials for Technological Applications
7.	Miss Aparna V. Jagtap	Short Term Training on Updation in Teaching Leanings Techniques and Research
8.	Mr. Piyush G. Sonar	FDP on Problem Solving and Descion Making Skills with ICT
9.	Dr. Sandip P. Patil	Coursera: Essentials of Global Health
10.	Mr. Hemant A. Wagh	FDP on Climate Change Mitigation: Innovations and Policy Challenges
11.	Mr. Ashok V. Tirthap	Short Term Training on Updation in Teaching Leanings Techniques and Research
12.	Miss. Darshana R. Gawale	Coursera:Understading Plants- Part-II : Fundamentals of Plant Biology
13.	Mrs. Pratima D. Sharavgi	FDP on Climate Change Mitigation: Innovations and Policy Challenges
14.	Dr. Anita B. Jadhav	FDP on Problem Solving and Descion Making Skills with ICT
15.	Mrs. Shabnam C. Pinjari	FDP on Climate Change Mitigation: Innovations and Policy Challenges
16.	Miss. Bharati K. Ravtale	Coursera: Extracelluar Vesicles in Health & Disease
17.	Dr. Arun M. Patil	International FDP On Advanced Materials for Technological Applications
18.	Dr. Sunil M. Patil	Online National Workshop On Bibliometric, Literature Review and Stastical Data Analysis
19.	Dr. Jyoti P. Mahashabde	UGC HRDC- Online FDP On Education & Development : NEP2020
20.	Miss. Pradya P. Shirsath	FDP on Climate Change Mitigation: Innovations and Policy Challenges
21.	Mr. Yogeshwar S. Koli	Coursera: Extracelluar Vesicles in Health & Disease
22.	Dr. Mahendra C. Aagale	International FDP On Advanced Materials for Technological Applications
23.	Mr. Hemant A. Wagh	Coursera: Ecology : Ecosystem Dyncamics and Conservation
24.	Dr. Avinash A. Patil	FDP on Problem Solving and Descion Making Skills with ICT
25.	Dr. Mahesh P. Patil	International FDP On Advanced Materials for Technological Applications

26.	Mr.Tejas B. Chaudhari	Coursera: Antimicrobial resistance - Theory and Methods
27.	Dr. Ramakant A. Chaudhari	Short Term Training on Updation in Teaching Leanings Techniques and Research
28.	Dr. Sanjay G. Bachhav	Coursera: Data Collection and Processing with Python
29.	Dr. Bhanudas S. Panchbhai	FDP on Problem Solving and Descion Making Skills with ICT
30.	Mr.Shaikh Sajid S.A.	Coursera: Internet of the things: How did we get here?
31.	Miss. Kalyani A. Mahajan	FDP on Climate Change Mitigation: Innovations and Policy Challenges
32.	Mr.Tejas B.Chaudhari	Certificate Course in Bioassay and its types
33.	Mrs. Rajashri B. Chaudhari	PHD Couse Work On Reserch Methodology and Research & Publication Ethics
34.	Dr. Ramesh D. Jadhav	Short Term Training on Updation in Teaching Leanings Techniques and Research
35.	Miss. Maheshwari P. Patil	FDP on Climate Change Mitigation: Innovations and Policy Challenges
36.	Mrs. Shital N. Tawade	PHD Couse Work On Reserch Methodology and Research & Publication Ethics
37.	Dr. Harishchandra B. Patil	International FDP On Advanced Materials for Technological Applications
38.	Mr. Anand J. Maheshwari	PHD Couse Work On Reserch Methodology and Research & Publication Ethics
39.	Dr. Shubhangi G. Pingle	Short Term Training on Updation in Teaching Leanings Techniques and Research
40.	Mrs. Harsha D. Pardeshi	PHD Couse Work On Reserch Methodology and Research & Publication Ethics
41.	Miss. Ruchika K. Patil	FDP on Climate Change Mitigation: Innovations and Policy Challenges
42.	Dr. Sudhakar S. Chaudhari	Short Term Training on Updation in Teaching Leanings Techniques and Research
43.	Mr. Shubham V. Yadav	PHD Couse Work On Reserch Methodology and Research & Publication Ethics
44.	Mrs. Surekha K. Kurnakar	FDP on Climate Change Mitigation: Innovations and Policy Challenges
45.	Miss. Varsha Jayaswal	PHD Couse Work On Reserch Methodology and Research & Publication Ethics
46.	Mr.Shaikh Sajid S.A.	International FDP On Advanced Materials for Technological Applications
47.	Dr. Sanjay G. Bachhav	Short Term Training on Updation in Teaching Leanings Techniques and Research
48.	Mrs. Harshada N. Bhavsar	FDP on Climate Change Mitigation: Innovations and Policy Challenges
49.	Dr. Shubhangi G. Pingle	MSFDA FDP On Sanrachana- Creating Constructivist Classrooms
50.	Mr. Sunil D. Mone	National Online FDP On Research Methodology : The Practical Approach
51.	Miss. Shweta R. Upadhyay	International FDP On Advanced Materials for Technological Applications
52.	Mrs. Kinnari M. Patil	MSFDA FDP On Hands on training on high end research equipments
53.	Miss. Priyanka B. Sonawane	FDP On Leadership Skill for Enhancing personal and Organization Development Outcomes
54.	Dr. Rajnikant V. Sonar	NPTTEL Online Certification - Elements of Literature and Creative Communicataions
55.	Dr. Milind B. Bachute	Short Term Training on Updation in Teaching Leanings Techniques and Research
56.	Mrs. Vijayalaxmi S. Shelke	MSFDA FDP On Hands on training on high end research equipments
57.	Mrs. Aarzo Syyed	International FDP On Advanced Materials for Technological Applications
58.	Dr. Raju S. Pawar	Online National Workshop On Bibliometric, Literature Review and Stastical Data Analysis
59.	Mrs. Manasi G. Vaidya	MSFDA FDP On Sanrachana- Creating Constructivist Classrooms

60.	Mrs. Amruta A. Joshi	PHD Couse Work On Reserch Methodology and Research & Publication Ethics
61.	Dr. Mohini P. Patil	Short Term Training on Updation in Teaching Leanings Techniques and Research
62.	Dr. Leena P. Shirsath	FDP on Problem Solving and Decision Making Skills with ICT
63.	Dr. Pralhad Y. Magare	Refresher Course in Geography
64.	Mr. Gopal K. Bide	Short Term Training on Updation in Teaching Leanings Techniques and Research
65.	Dr. Pralhad Y. Magare	Coursera: Mountain 101
66.	Miss. Kavita S. Sisodiya	Short Term Training on Updation in Teaching Leanings Techniques and Research
67.	Dr. Rajnikant V. Sonar	Coursera: Verb , Tenses and Passives
68.	Mr. Sanjay M. More	Management Development Program on Audit System
69.	Mr. Sandesh R. Rajput	Management Development Program on Audit System



Nanotechnology and Nanosensors, Part1
Technion - Israel Institute of Technology

Course Material

- Week 1
- Week 2
- Week 3
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- Week 5

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Nanotechnology and Nanosensors, Part1

by Technion - Israel Institute of Technology

About this Course

Nanotechnology and nanosensors are broad, interdisciplinary areas that encompass (bio)chemistry, physics, biology, materials science, electrical engineering and more. The present course will provide a survey on some of the fundamental principles behind nanotechnology and nanomaterials and their vital role in novel sensing properties and applications. The course will discuss interesting interdisciplinary

[More](#)



Taught by: **Prof. Hossam Haick**, Head of the Laboratory for Nanomaterial-Based Devices (LNBD) and Volatile Biomarkers
The Department of Chemical Engineering and Russell Berrie Nanotechnology Institute

Commitment	60-100 hours of videos and quizzes
Language	English, Subtitles: Arabic, French, Bengali, Ukrainian, Chinese (Simplified), Greek, Italian, Portuguese (Brazil), Vietnamese, Dutch, Korean, German, Pashto, Urdu, Russian, Thai, Indonesian, Swedish, Turkish, Azerbaijani, Spanish, Dari, Hindi, Japanese, Kazakh, Hungarian, Polish
How To Pass	Pass all graded assignments to complete the course.
User Ratings	★★★★☆ Average User Rating 4.6

Syllabus

Week 1
Introduction to Nanotechnology, Part 1





Nanotechnology and Nanosensors, Part1
Technion - Israel Institute of Technology

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Syllabus

Week 1

Introduction to Nanotechnology, Part 1

The description goes here

3 videos expand

Graded: Introduction to Nanotechnology, Part 1

Week 2

Introduction to Nanotechnology, Part 2

The description goes here

3 videos expand

Graded: Introduction to Nanotechnology, Part 2

Week 3

Introduction to Sensors' Science and Technology

The description goes here

4 videos expand

Graded: Introduction to Sensors' Science and Technology

Graded: Open-ended assignment

Week 4

Metal Nanoparticles-based Sensors

The description goes here





Jul 10, 2022

Vijay S. Patil

has successfully completed

Nanotechnology and Nanosensors, Part1

an online non-credit course authorized by Technion - Israel Institute of Technology and offered through Coursera

A handwritten signature in black ink, appearing to read 'Haick'.

Prof. Hossam Haick
Head of the Laboratory for Nanomaterial-Based Devices (LNBD) and Volatile Biomarkers
Department of Chemical Engineering and Russell Berrie Nanotechnology Institute
Technion - Israel Institute of Technology

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/BSGLTEFJEJNH>
Coursera has confirmed the identity of this individual and their participation in the course.



SATYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
SCHOOL OF SCIENCE & HUMANITIES
(DEPARTMENT OF PHYSICS)



**FACULTY
DEVELOPMENT
PROGRAMS**

**INTERNATIONAL FDP ON
ADVANCE MATERIAL FOR
TECHNOLOGICAL APPLICATIONS**

Committee Members

Dr. T. Sasiprabha
(vice cha)

Dr. Rekha Chakravarty
(professor)
Dean arts & science

Dr. S. ravichandran
(Professor & head department of
physics)



DURATION:
24/03/2023 TO 04/04/2023



SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
SCHOOL OF SCIENCE AND HUMANITIES
DEPARTMENT OF PHYSICS

FACULTY DEVELOPMENT PROGRAM



CERTIFICATE OF PARTICIPATION

This certificate is awarded to,

**Mr. Ganesh R. Chaudhari of R. C. Patel Arts, Commerce and Science College,
Shirpur, Maharashtra**

for the active participation in the Second International "Faculty Development Program on Advanced Materials for Technological Applications" organized by Department of Physics, Sathyabama Institute of Science and Technology between 24th March to 4th April 2023.

Dr. T. Sasiprabha
Vice Cha

Dr. Rekha Chakravathy
Professor
Dean Arts and Science

Dr. S. Ravichandran
Professor and Head
Department of Physics

CHIEF PATRONS

Hon'ble Dr. Satish Chaturvedi, Chairman, LTSS, Nagpur. Hon'ble
Smt. Adha Chaturvedi, Secretary, LTSS, Nagpur. Hon'ble Shri.
Hemant Chaturvedi, Director (GEO), LTSS, Nagpur. Hon'ble Smt.
Shantini Chaturvedi, Member (GEO), LTSS, Nagpur. Hon'ble Mr.
Abhijit Deshmukh, Director, LTSS, Nagpur.

PATRONS

Dr. V. M. Naware, Director (Engineering), LTSS, Nagpur.
Dr. M. P. Singh, Dean Academics and Planning & Development (LTSS), Nagpur.
Dr. N. K. Choudhary, Principal, PCCO, Nagpur.
Dr. S. A. Dhale, Principal, PCE, Nagpur.
Dr. G. M. Anurkar, Vice-Principal, PCE, Nagpur.

PROGRAMME CHAIR

Dr. S. A. Dhale, Principal, PCE, Nagpur.

CONVENER

Dr. K. S. Gaur, Dean First Year and Incharge R & D Cell PCE, Nagpur.
Mob. 9822562696

ORGANIZING

Dr. S. K. Patil, Asst. Professor, PCE, Nagpur. Mob. 9822448865

VENUE

PRIVADARSHINI J. L. COLLEGE OF ENGINEERING, NAGPUR
846, New Nandurvan, Nagpur, Maharashtra, India-440024



**The International Conference on
UPDATES IN TEACHING LEARNING
TECHNIQUES AND RESEARCH**

19th – 23rd December, 2022



Organized By
Lokmanya Tilak Jankalyan Shikshan Sanstha's
PRIVADARSHINI J. L. COLLEGE OF ENGINEERING
846, New Nandurvan, Nagpur, Maharashtra, India-440024
Website: www.pjce.edu.in

ABOUT THE COLLEGE:

Privadarshini J. L. College of Engineering is one of the promising institution of Nagpur & accredited by NAAC with A grade. It has achieved an eminent place in the Nagpur region in a very short span of time. It is an off-shoot of the prestigious education society, LTSS, Nagpur. The Sanatha has created the niche in the segment of engineering and technical education through its Engineering colleges, An Architecture College, Management, Pharmacy College, polytechnic and many more other educational institutions. 360 degree development is demand of time, so, we are committed to transform the students into enlightened young professionals ready to face the challenges of society and industry. Our objective is to prepare the students to deal with the real world issues and encourage them to grab the opportunities to become master in their chosen fields. The institute is successfully growing and molding the students into complete individuals who are competent enough in meeting global industry challenges.

ABOUT THE CONFERENCE

Welcome to the Innovation in Engineering, Technology, Science & Humanities for **Updates in Teaching Learning Technique and Research** Which will be held at Privadarshini J.L.College of Engineering, 846 Nandurvan, Nagpur from **19th to 23rd December 2022**.

OBJECTIVE:

The rapid changes and increased complexity of today's world present new challenges and put new demands on our education system. There has been generally a growing awareness of the necessity to change and improve the preparation of students for productive functioning in the continually changing and highly demanding environment. In confronting this challenge it is necessary to consider the complexity of the education system itself and the multitude of problems that must be addressed. Clearly, no simple, single uniform approach can be applied with the expectation that significant improvements of the system will occur.

Indeed, any strategy for change must contend with the diverse factors affecting the education system, the interactions of its parts, and the intricate interdependencies within it and with its environment.

AREAS COVERED (Detailed List)

- Integrating the commonly polarized goals of education; i.e. the goal that focuses on transmitting knowledge with the goal that emphasizes the development of the individual student.
- Adapting teaching to different student characteristics by using diverse methods of teaching. Adaptation to the ability levels, patterns of different abilities, learning styles, personality characteristics, and cultural backgrounds.
- Integrating the curriculum by developing inter-disciplinary curriculum units that enable students to acquire knowledge from different disciplines through a unifying theme while having the opportunity to contribute in different and special ways to the objectives of the integrated units.

CONFERENCE REGISTRATION & REGISTRATION FEES

Register for the conference by paying the following registration charges.
Registration Fees : **1000 INR**

Payment for participation & Publication can be done at

Bank Details:-
Bank Name : Punjab National Bank Account No. 4688006100038918
IFSC : PUNIB460800 MICR 440024019
Branch : Nandurvan, Nagpur Account Name : LTSS

Important Dates:

Last Date for Registration : 15 December 2022
Email: ksatgaur@pjce.edu.in • (Conference paper should be submitted to this mail)



LOKMANAYA TILAK JANKALYAN SHIKSHAN SANSTHA'S
PRIYADARSHINI COLLEGE OF ENGINEERING, NAGPUR
DEPARTMENT OF APPLIED PHYSICS



CERTIFICATE OF PARTICIPATION

This is to certify that Dr./Mr./Ms. Aadesh S. Jain
of R. C. Patel ACS College, Shirpur College/Industry has participated
in **SPECTRUM : ONE WEEK ONLINE-MULTIDISCIPLINARY SHORT TERM TRAINING
PROGRAM** on "**UPDATES IN TEACHING LEARNING TECHNIQUES AND
RESEARCH**" organised by Department of Applied Physics,
Priyadarshini College of Engineering, Nagpur
during **19 - 23 December 2022.**

MR. SATISH TIWARI
CO-CONVENER

DR.(MRS) SUWARNA.M.SAWDE
CONVENER

DR.(MRS) DEVASHREE S. HARDAS
HEAD OF THE DEPARTMENT

DR. G.M. ASUTKAR
VICE PRINCIPAL

DR. S.A. DHALE
PRINCIPAL

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Nanotechnology and Nanosensors, Part1
Technion - Israel Institute of Technology

▼ Course Material

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Nanotechnology and Nanosensors, Part1

by Technion - Israel Institute of Technology

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Nanotechnology and nanosensors are broad, interdisciplinary areas that encompass (bio)chemistry, physics, biology, materials science, electrical engineering and more. The present course will provide a survey on some of the fundamental principles behind nanotechnology and nanomaterials and their vital role in novel sensing properties and applications. The course will discuss interesting interdisciplinary

▼ More

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The Department of Chemical Engineering and Russell Berrie Nanotechnology Institute

Commitment	60-100 hours of videos and quizzes
Language	English, Subtitles: Arabic, French, Bengali, Ukrainian, Chinese (Simplified), Greek, Italian, Portuguese (Brazil), Vietnamese, Dutch, Korean, German, Pashto, Urdu, Russian, Thai, Indonesian, Swedish, Turkish, Azerbaijani, Spanish, Dari, Hindi, Japanese, Kazakh, Hungarian, Polish
How To Pass	Pass all graded assignments to complete the course.
User Ratings	★★★★☆ Average User Rating 4.6

Syllabus

Week 1

Introduction to Nanotechnology, Part 1



Nanotechnology and Nanosensors, Part 1
Technion - Israel Institute of Technology

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Introduction to Nanotechnology, Part 1

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3 videos [expand](#)

Graded: Introduction to Nanotechnology, Part 1

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Introduction to Nanotechnology, Part 2

The description goes here

3 videos [expand](#)

Graded: Introduction to Nanotechnology, Part 2

Week 3

Introduction to Sensors' Science and Technology

The description goes here

4 videos [expand](#)

Graded: Introduction to Sensors' Science and Technology

Graded: Open-ended assignment

Week 4

Metal Nanoparticles-based Sensors

The description goes here





Jul 7, 2022

Kantilal A. Pawara

has successfully completed

Nanotechnology and Nanosensors, Part1

an online non-credit course authorized by Technion - Israel Institute of Technology and offered through Coursera

A handwritten signature in black ink, appearing to read "haick".

Prof. Hossam Haick
Head of the Laboratory for Nanomaterial-Based Devices (LNBD) and Volatile Biomarkers
Department of Chemical Engineering and Russell Berrie Nanotechnology Institute
Technion - Israel Institute of Technology

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/BSGLTEFJEJNH>

Coursera has confirmed the identity of this individual and their participation in the course.

Miss. Ashwini R. Desale



Kisan Vidya Prasarak Sanstha's

S.P.D.M. Arts, S.B.B. & S.H.D. Commerce & S.M.A. Science College, Shirpur

Shingave Shivar , Waghadi Road. Tal- Shirpur, Dist.-Dhule, M.S.425405 | Affiliated with Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon

NAAC Re-Accredited Grade 'A' CGPA 3.22 (3rd Cycle) | Established in 1962

Faculty Development Program

On

Climate Change Mitigation: Innovations and Policy Challenges

Dated 13 June 2022 to 18 June 2022

Organized by **IQAC**

Prof. Dr. S. S. Rajput (Principal)

Acting Dean, Faculty of Science & Technology, KBC NMU, Jalgaon

Dr. Vikas V. Gite

Coordinator, IPR Cell, KBCNMU, Jalgaon

Prof. Dr. D. G. Hundiwale

Chair Professor, IPR Cell, KBCNMU, Jalgaon

Mr. Rohit V. Randhe
Trustee KVPS & Registrar

Prof. Dr. F. M. Bagul
Vice Principal

Dr. S. P. Mahire
Vice Principal

Dr. D. D. Bhakkad
Convener

Dr. M. V. Patil
Coordinator

Prof. N. S. Pathan
Organizing Secretary

Prof. S. S. Vasave, Dr. M. S. Patil, Dr. S. C. Gorane, Dr. S. R. Vihire, Dr. S. B. Kamble,
Dr. M. B. Wagh, Dr. B. B. Valvi, Dr. L. P. Chaudhari, Dr. S. B. Chaudhari, Prof. S. Y. Solanki



Kisan Vidya Prasarak Sanstha's
S.P.D.M Arts, S.B.B. & S.H.D. Commerce and S.M.A. Science
Collage, Shirpur Dist. Dhule (MS)

Faculty Development Programme

Certificate

This is to certify that, Miss. Ashwini R. Desale has successfully participated in this Faculty Development Program on “Climate Change Mitigation: Innovations and Policy Challenges” held on 13 June to 18 June 2022.

Dr. D. D. Bhakkad

IQAC Coordinator

Dr. V.M. Patil

Principal & Chief Convener

Dr. Avinash Arun Patil



SATYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
SCHOOL OF SCIENCE & HUMANITIES
(DEPARTMENT OF PHYSICS)



**FACULTY
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PROGRAMS**

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ADVANCE MATERIAL FOR
TECHNOLOGICAL APPLICATIONS**

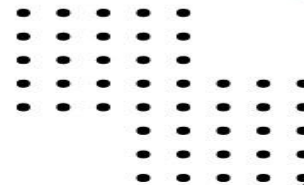
Committee Members

Dr. T. Sasiprabha
(vice cha)

Dr. Rekha Chakravarty
(professor)
Dean arts & science

Dr. S. ravichandran
(Professor & head department of
physics)

DURATION:
24/03/2023 TO 04/04/2023





SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

FACULTY DEVELOPMENT PROGRAM



SCHOOL OF SCIENCE AND HUMANITIES
DEPARTMENT OF PHYSICS

CERTIFICATE OF PARTICIPATION

This certificate is awarded to

**Dr. Avinash A. Patil of R. C. Patel Arts, Commerce and Science College,
Shirpur, Maharashtra**

for the active participation in the Second International "Faculty Development Program on Advanced Materials for Technological Applications" organized by Department of Physics, Sathyabama Institute of Science and Technology between 24th March to 4th April 2023.

Dr. T. Sasiprabha
Vice Cha

Dr. Rekha Chakravathy
Arofessor
Dean Arts and Science

Dr. S. Ravichandran
Professor and Head
Department of Physics

CHIEF PATRONS

Hon'ble Dr. Satish Chaturvedi, Chairman, LTSS, Nagpur Hon'ble Sant. Abha Chaturvedi, Secretary, LTSS, Nagpur Hon'ble Smt. Deepanjali Chaturvedi, Director (GR), LTSS, Nagpur Hon'ble Sant. Shantlal Chaturvedi, Member (GR), LTSS, Nagpur Hon'ble Mr. Abhijit Dhadwadik, Director, LTSS, Nagpur

PATRONS

Dr. V. M. Namer, Director (Engineering), LTSS, Nagpur.
 Dr. M. P. Singh, Dean Academics and Planning & Development (LTSS), Nagpur.
 Dr. N. K. Choudhary, Principal, PCCOE, Nagpur.
 Dr. S. A. Dhale, Principal, PCE, Nagpur.
 Dr. G. M. Amthkar, Vice-Principal, PCE, Nagpur.

PROGRAMME CHAIR

Dr. S. A. Dhale, Principal, PCE, Nagpur

CONVENER

Dr. K. S. Gaur, Dean First Year and Exchange R.B.D Cell PCE, Nagpur
 Mob: 9822562096

ORGANIZING

Dr. S. K. Pathi, Asst. Professor, PCE, Nagpur Mob: 992448885

Dr. A. B. Kulkarni, Higher Engg. Coordinator & Exchange IQAC Dr. V. P. Balgandhi, Head, CSE & AI Deptt., PCE, Nagpur Dr. P. R. Poddar, Head, ETC Deptt., PCE, Nagpur
 Dr. A. M. Munde, Head, Electrical Engg. Deptt., PCE, Nagpur Dr. H. D. Gadhav Pathan, Head, Civil Engg. Deptt., PCE, Nagpur Dr. A. B. Saw, Training & Placement Officer, PCE, Nagpur
 Dr. V. K. Manthana, Asst. Professor, PCE, Nagpur Dr. B. N. Katole, Asst. Professor, PCE, Nagpur Prof. R. N. Jagtap, Asst. Professor, PCE, Nagpur
 Prof. R. H. Mishankar, Asst. Professor, PCE, Nagpur

VENUE

PRIVADARSHINI J. L. COLLEGE OF ENGINEERING, NAGPUR
 846, New Nandanvan, Nagpur, Maharashtra, India-440024

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Website: www.pjce.ac.in

ABOUT THE COLLEGE:

Priyadarshini J. L. College of Engineering is one of the promising Institution of Nagpur & accredited by NAAC with A grade. It has achieved an eminent place in the Nagpur region in a very short span of time. It is an off-shoot of the prestigious education society, LTSS, Nagpur. The Sanstha has created the niche in the segment of engineering and technical education through its Engineering colleges, An Architecture College, Management, Pharmacy College, polytechnic and many more other educational institutions. 360 degree development is demand of time, so, we are committed to transform the students into enlightened young professionals ready to face the challenges of society and industry. Our objective is to prepare the students to deal with the real world issues and encourage them to grab the opportunities to become master in their chosen fields. The institute is successfully growing and molding the students into complete individuals who are competent enough in meeting global industry challenges.

ABOUT THE CONFERENCE

Welcome to the Innovation in Engineering, Technology, Science & Humanities for **Updates in Teaching Learning Technique and Research** Which will be held at Priyadarshini J.L.College of Engineering, 846 Nandanvan, Nagpur from **19th to 23rd December 2022.**

OBJECTIVE:

The rapid changes and increased complexity of today's world present new challenges and put new demands on our education system. There has been generally a growing awareness of the necessity to change and improve the preparation of students for productive functioning in the continually changing and highly demanding environment. In confronting this challenge it is necessary to consider the complexity of the education system itself and the multitude of problems that must be addressed. Clearly, no simple, single uniform approach can be applied with the expectation that significant improvements of the system will occur.

Indeed, any strategy for change must contend with the diverse factors affecting the education system, the interactions of its parts, and the intricate interdependencies within it and with its environment.

AREAS COVERED (Detailed List)

- Integrating the commonly polarized goals of education; i.e. the goal that focuses on transmitting knowledge with the goal that emphasizes the development of the individual student.
- Adapting teaching to different student characteristics by using diverse methods of teaching. Adaptation to the ability levels, patterns of different abilities, learning styles, personality characteristics, and cultural backgrounds.
- Integrating the curriculum by developing inter-disciplinary curriculum units that enable students to acquire knowledge from different disciplines through a unifying theme while having the opportunity to contribute in different and special ways to the objectives of the integrated units.

CONFERENCE REGISTRATION & REGISTRATION FEES

Register for the conference by paying the following registration charges.
 Registration Fees : **1000 INR**

Payment for participation & Publication can be done at

Bank Details:-
 Bank Name : Punjab National Bank Account No : 4608000100028918
 IFSC : PUNIB460800 MICR : 440024019
 Branch : Nandanvan, Nagpur Account Name : LTSS

Important Dates:
 Last Date for Registration : 15 December 2022
 Email: kn@nagpur@pjce.ac.in • (Conference paper should be submitted to this mail)



LOKMANAYA TILAK JANKALYAN SHIKSHAN SANSTHA'S

PRIYADARSHINI COLLEGE OF ENGINEERING, NAGPUR



DEPARTMENT OF APPLIED PHYSICS



CERTIFICATE OF PARTICIPATION

This is to certify that Dr./Mr./Ms. Miss. Aparna Vijay Jagtap
of R. C. Patel A.C.S. College, Shirpur College/Industry has participated
in **SPECTRUM : ONE WEEK ONLINE-MULTIDISCIPLINARY SHORT TERM TRAINING
PROGRAM on "UPDATES IN TEACHING LEARNING TECHNIQUES AND
RESEARCH"** organised by Department of Applied Physics,
Priyadarshini College of Engineering, Nagpur
during **19 - 23 December 2022.**

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CO-CONVENER

DR. (MRS) SUWARNA M. SAWDE
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DR. (MRS) DEVASHREE S. HARDAS
HEAD OF THE DEPARTMENT

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VICE PRINCIPAL

DR. S.A. DHALE
PRINCIPAL



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**MARATHWADA
SHIKSHAN PRASARAK
MANDAL'S**

**Dr.Dadasaheb
Salunkhe**
FDP
Coordinator

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**FDP
ON PROBLEM SOLVING
AND DECISION MAKING
SKILLS WITH ICT**



DURATION:
10th Oct
to
15th oct 2022



MARATHWADA SHIKSHAN PRASARAK MANDAL'S
VINAYAKRAO PATIL MAHAVIDYALAYA, VAJJAPUR.

DIST. AURANGABAD – 423701 (M.S.)

NAAC ACCREDITED 'A' GRADE WITH CGPA 3.33



C E R T I F I C A T E

This is to certify that, Mr. Sonar Piyush Ganesh, from R. C. Patel Arts, Commerce and Science College,

Shirpur has participated and successfully completed the Faculty Development Program on

“Problem Solving and Decision Making Skills with ICT”, from 10th to 15th Oct. 2022

Dr. Dadasaheb Salunke

FDP Coordinator

Dr. U. V. Panchal

Principal

coursera Search in course Search English English

Yale University

Course Material

- Module 1
- Module 2
- Module 3
- Module 4
- Module 5
- Module 6
- Module 7
- Module 8
- Module 9
- Module 10

Grades

Notes

Discussion Forums

Messages

Resources


Course Info

Essentials of Global Health

by Yale University

About this Course
Essentials of Global Health is a comprehensive introduction to global health. It is meant to introduce you to this topic in well-structured, clear and easy to understand ways. Much of the course will focus on five questions: What do people get sick, disabled and die from; Why do they suffer from these conditions? Which people are most affected? Why should we care about such concerns? What can be done to

[More](#)

 **Taught by: Richard Skolnik**, Former Lecturer, Department of Health Policy and Management, Yale School of Public Health and Lecturer in the Practice of Management, Yale School of Management, 2012-2016

Commitment	5-7 hours per week.
Language	English, Subtitles: Arabic, French, Bengali, Ukrainian, Chinese (Simplified), Greek, Italian, Portuguese (Brazil), Vietnamese, Dutch, Korean, German, Pashto, Urdu, Russian, Thai, Indonesian, Swedish, Turkish, Azerbaijani, Spanish, Dari, Hindi, Japanese, Kazakh, Hungarian, Polish
How To Pass	Pass all graded assignments to complete the course.
User Ratings	★★★★☆ Average User Rating 4.9

Syllabus

Module 1

Yale University

Course Material

- ✓ Module 1
- ✓ Module 2
- ✓ Module 3
- ✓ Module 4
- ✓ Module 5
- ✓ Module 6
- ✓ Module 7
- ✓ Module 8
- ✓ Module 9
- ✓ Module 10

Grades

Notes

Discussion Forums

Messages

Resources

Course Info

Syllabus

Module 1

Module 1: Introduction

This module introduces you to the course, some of the basic concepts of global health, and a number of key perspectives for considering global health issues. This module will also introduce you to the key actors in global health and the different ways in which they are organized and function.

4 videos, 13 readings [expand](#)

Graded: Key Perspectives on Global Health

Graded: The Global Health Context and Who Plays

[View Full Syllabus](#)

How It Works

General

How do I pass?

To earn your Certificate, you'll need to earn a passing

[More](#)

[View the course in catalog](#)

Yale

Apr 26, 2023

Sandip Prakash Patil

has successfully completed

Essentials of Global Health

an online non-credit course authorized by Yale University and offered through Coursera

RICHARD SKOLNIK

Richard Skolnik
Former Lecturer, Department of Health Policy and Management, Yale School of Public Health and Lecturer in the Practice of Management, Yale School of Management, 2012-2016.

COURSE
CERTIFICATE



Verify at:

<https://coursera.org/verify/XPBMFJEURTNE>

Coursera has confirmed the identity of this individual and their participation in the course.

Mr. Hemant A. Wagh



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Climate Change Mitigation: Innovations and Policy Challenges

Dated 13 June 2022 to 18 June 2022

Organized by **IQAC**

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Acting Dean, Faculty of Science & Technology, KBC NMU, Jalgaon

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Coordinator, IPR Cell, KBCNMU, Jalgaon

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Trustee KVPS & Registrar

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Collage, Shirpur Dist. Dhule (MS)

Faculty Development Programme

Certificate

This is to certify that, Mr. Hemant A. Wagh has successfully participated in this Faculty Development Program on **“Climate Change Mitigation: Innovations and Policy Challenges”** held on 13 June to 18 June 2022.

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IQAC Coordinator

Dr. V.M. Patil
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Venue

PRİYADARSHINĪ J. L. COLLEGE OF ENGINEERING, NAGPUR
846, New Nandanvan, Nagpur, Maharashtra, India-440024



The International Conference on UPDATES IN TEACHING LEARNING TECHNIQUES AND RESEARCH

19th – 23rd December, 2022



Organized By
Lokmanya Tilak Jankalyan Shikshan Sanstha's
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846, New Nandanvan, Nagpur, Maharashtra, India-440024
Website: www.pjce.ac.in



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AREAS COVERED (Detailed List)

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- Adapting teaching to different student characteristics by using diverse methods of teaching. Adaptation to the ability levels, patterns of different abilities, learning styles, personality characteristics, and cultural backgrounds.
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Register for the conference by paying the following registration charges.
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Payment for participation & Publication can be done at

Bank Details:-
Bank Name : Punjab National Bank Account No. 4608004000209138
IFSC : PUNIB460800 MICR 440024019
Branch : Nandanvan, Nagpur Account Name : LTSS

Important Dates:
Last Date for Registration : 15 December 2022
Email: konf@pjce.ac.in - (Conference paper should be submitted to this mail)



LOKMANAYA TILAK JANKALYAN SHIKSHAN SANSTHA'S

PRIYADARSHINI COLLEGE OF ENGINEERING, NAGPUR



DEPARTMENT OF APPLIED PHYSICS



CERTIFICATE OF PARTICIPATION

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PROGRAM** on "**UPDATES IN TEACHING LEARNING TECHNIQUES AND
RESEARCH**" organised by Department of Applied Physics,
Priyadarshini College of Engineering, Nagpur
during **19 - 23 December 2022.**

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CO-CONVENER

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CONVENER


DR. (MRS) DEVASHREE S. HARDAS
HEAD OF THE DEPARTMENT

DR. G.M. ASUTKAR
VICE PRINCIPAL

DR. S.A. DHALE
PRINCIPAL

Miss. Darshana Rohidas Gawale

coursera

 **Understanding Plants - Part II: Fundamentals of Plant Biology**
Tel Aviv University


Reset my deadlines


Understanding Plants - Part II: Fundamentals of Plant Biology

by Tel Aviv University

About this Course
This class is aimed at people interested in understanding the basic science of plant biology. In this four lecture series, we'll first learn about the structure-function of plants and of plant cells. Then we'll try to understand how plants grow and develop, making such complex structures as flowers. Once we know how plants grow and develop, we'll then delve into understanding photosynthesis - how plants take

[▼ More](#)

 **Taught by: Professor Daniel Chamovitz, Ph.D.**
President, Ben-Gurion University of the Negev

Level	Intermediate
Language	English, Subtitles: Arabic, French, Bengali, Ukrainian, Chinese (Simplified), Greek, Italian, Catalan, Portuguese (Brazil), Vietnamese, Dutch, Korean, German, Pashto, Urdu, Russian, Thai, Indonesian, Swedish, Turkish, Hebrew, Azerbaijani, Spanish, Dari, Hindi, Japanese, Romanian, Kazakh, Hungarian, Polish
How To Pass	Pass all graded assignments to complete the course.
User Ratings	 Average User Rating 4.8

Course Material

- ✓ Week 1
- ✓ Week 2
- ✓ Week 3
- ✓ Week 4

Grades

Notes

Discussion Forums

Messages

Resources

Course Info



Understanding Plants - Part II:
Fundamentals of Plant Biology
Tel Aviv University

Course Material

- ✓ Week 1
- ✓ Week 2
- ✓ Week 3
- ✓ Week 4

Grades

Notes

Discussion Forums

Messages

Resources

Course Info

User ratings Average user rating 4.0

Syllabus

Week 1

Course Introduction and Plant Cell Structure

10 videos, 3 readings [expand](#)

Graded: Lecture 1 Quiz

Week 2

Whole-Plant Structure

[View Full Syllabus](#)

How It Works

General

How do I pass?

To earn your Certificate, you'll need to earn a passing

[More](#)



Aug 5, 2022

Darshana Rohidas Gawale

has successfully completed

Understanding Plants - Part II: Fundamentals of Plant Biology

an online non-credit course authorized by Tel Aviv University and offered through Coursera

A handwritten signature in black ink, appearing to read "Daniel A. Chamovitz".

Daniel A. Chamovitz, Ph.D.
Department of Molecular Biology and Ecology of Plants
Tel Aviv University

**COURSE
CERTIFICATE**



Verify at:

<https://coursera.org/verify/7WFLAYGKCVTV>

Coursera has confirmed the identity of this individual and their participation in the course.

Mrs. Pratima D. Sharavgi



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Climate Change Mitigation: Innovations and Policy Challenges

Dated 13 June 2022 to 18 June 2022

Organized by **IQAC**

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Acting Dean, Faculty of Science & Technology, KBC NMU, Jalgaon

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Coordinator, IPR Cell, KBCNMU, Jalgaon

Prof. Dr. D. G. Hundiwale

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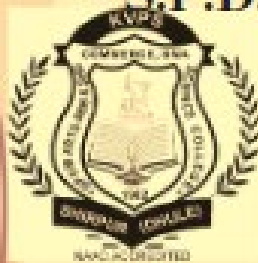
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This is to certify that, Mrs. Pratima D. Shravagi has successfully participated in this Faculty Development Program on “Climate Change Mitigation: Innovations and Policy Challenges” held on 13 June to 18 June 2022.

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IQAC Coordinator

Dr. V.M. Patil

Principal & Chief Convener

Dr. Anita Bharatsing Jadhav



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AND DECISION MAKING
SKILLS WITH ICT**



DURATION:
10th Oct
to
15th oct 2022



MARATHWADA SHIKSHAN PRASARAK MANDAL'S
VINAYAKRAO PATIL MAHAVIDYALAYA, VAIJAPUR.
DIST. AURANGABAD – 423701 (M.S.)
NAAC ACCREDITED 'A' GRADE WITH CGPA 3.33



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This is to certify that, *Dr. Jadhav Anita Bharatsing*, from *R. C. Patel Arts, Commerce and Science College, Shirpur* has participated and successfully completed the Faculty Development Program on “*Problem Solving and Decision Making Skills with ICT*”, from *10th to 15th Oct. 2022*

Dr. Dadasaheb Salunke
FDP Coordinator

Dr. U. V. Panchal
Principal



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Prof. Dr. F. M. Bagul
Vice Principal

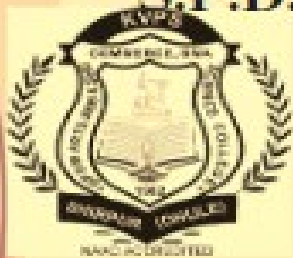
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Dr. M. B. Wagh, Dr. B. B. Valvi, Dr. L. P. Chaudhari, Dr. S. B. Chaudhari, Prof. S. Y. Solanki



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This is to certify that, Mrs. Shabnam C. Pinjari has successfully participated in this Faculty Development Program on “Climate Change Mitigation: Innovations and Policy Challenges” held on 13 June to 18 June 2022.

Dr. D. D. Bhakkad
IQAC Coordinator

Dr. V.M. Patil
Principal & Chief Convener



Search



Extracellular Vesicles in Health and Disease
University of California, Irvine

Course Material

- ✓ Module 1
- ✓ Module 2
- ✓ Module 3
- ✓ Module 4

Grades

Notes

Discussion Forums

Messages 1

Course Info


Extracellular Vesicles in Health and Disease

by University of California, Irvine

About this Course

This course aims to provide current understanding about extracellular vesicles (EVs) and their role in health and diseases. The EVs are known to be involved in cell to cell communication. Apart from maintaining normal cell physiology, EVs deliver messages that can drive or influence the progression of a disease. This course discusses recent advances made in the field to give an introduction on their function in health as well as in disease. This course includes four modules. Module 1 is an introduction to the course, and provides an overview of the previous MOOC on EVs "Basics of Extracellular Vesicles". Module 2 focuses on the role of EVs in physiological conditions and gives various examples on their role in metabolism, inflammation, immunity and pregnancy and coagulation. This module also briefly covers the topic of microorganism-derived EVs such as vesicles from bacteria and discusses EVs from apoptotic and senescent cells. In Module 3, we focus on the role of EVs in cancer: how EVs can mediate communication between the tumour and its microenvironment, the functional role of immune cell-derived EVs in development of cancer, as well as the role of EVs in cancer cell proliferation, survival, metastasis and drug resistance. In Module 4, the role of EVs in diseases of the cardiovascular, haematopoietic, nervous, respiratory and urinary systems, and infectious diseases will be presented. This course is recommended for intermediate learners or anyone who is interested in the field of extracellular vesicles and their role in a particular disease including scientists, clinicians, or cell and molecular biologists who look to broaden their understanding of the field.

[Show less](#)



Taught by: [Dr Carolina Soekmadji](#), Senior Research Officer
QIMR Berghofer Medical Research Institute

Level	Intermediate
Language	English, Subtitles: Arabic, French, Ukrainian, Chinese (Simplified), Greek, Italian, Portuguese (Brazil), Dutch, Korean, German, Russian, Thai, Indonesian, Swedish, Turkish, Spanish, Hindi, Japanese, Kazakh, Polish
How To Pass	Pass all graded assignments to complete the course.
User Ratings	★★★★☆ Average User Rating 4.8



Extracellular Vesicles in Health and Disease
University of California, Irvine

Course Material

- ✓ Module 1
- ✓ Module 2
- ✓ Module 3
- ✓ Module 4

Grades

Notes

Discussion Forums

Messages **1**

Course Info

Syllabus

Module 1

Course Goals and Learning Objectives

This course aims to provide current understanding about extracellular vesicles (EVs) and their role in health and diseases. The EVs are known to be involved in cell to cell communication. Apart from maintaining normal cell physiology, EVs deliver messages that can drive or influence the progression of a disease. This course discusses recent advances made in the field to give an introduction on their function in health as well as in disease.

▼ More

📺 2 videos, 1 reading [expand](#)

Module 2

Physiological Function of EVs

In this module, we will discuss the role of extracellular vesicles in maintaining cellular homeostasis, why they are important for this process. How microorganism such as in gram positive and negative bacteria can secrete EVs, will be discussed. Altered EV secretion as a response to inflammation, stress and apoptosis or senescence will be highlighted. Furthermore, some examples will be provided on how EV cargo can influence cellular metabolism and the function of EVs in maintaining physiology of cells in

▼ More

📺 7 videos [expand](#)

📝 Graded: Module 2

Module 3

Pathophysiology of EVs in Cancer

This module will highlight the role of EVs in the progression of cancer and how the cargo delivered via EVs can directly influence cancer cell proliferation or metastatic properties. The communication between tumour and immune cells, stromal, and endothelial cells will be discussed. We will cover some of the considerations and guidelines that are important in utilising EVs as cancer biomarkers. Techniques that are commonly used to detect EVs, selection of biofluid for tumour EV biomarker analysis,

▼ More

📺 5 videos [expand](#)

📝 Graded: Module 3

Module 4

Pathophysiology of EVs in Various Diseases

We will discuss the reported role of EVs in mediating the development of various diseases such as cardiovascular diseases, hematological disorders, neurological diseases, urological, respiratory diseases and infectious diseases. This module will also highlight some of the proposed EV associated biomarkers and some therapeutic strategies by utilizing EVs to deliver inhibitory molecule.



**COURSE
CERTIFICATE**

Jul 22, 2022

Bharati Kalusing Ravtale

has successfully completed

Extracellular Vesicles in Health and Disease

an online non-credit course authorized by University of California, Irvine and offered through Coursera



Dr. Carolina Soekmadji
Senior Research Officer, QDMR Berghofer Medical Research Institute
Adjunct Senior Fellow, The University of Queensland

Verify at:
<https://coursera.org/verify/7TEN9YXLI5F6>

Coursera has confirmed the identity of this individual and their participation in the course



**SATYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
SCHOOL OF SCIENCE & HUMANITIES
(DEPARTMENT OF PHYSICS)**



**FACULTY
DEVELOPMENT
PROGRAMS**

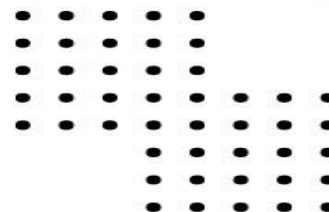
INTERNATIONAL FDP ON ADVANCE MATERIAL FOR TECHNOLOGICAL APPLICATIONS

Committee Members

**Dr. T. Sasiprabha
(vice cha)**

**Dr. Rekha Chakravarty
(professor)
Dean arts & science**

**Dr. S. ravichandran
(Professor & head department of
physics)**



DURATION:

24/03/2023 TO 04/04/2023



SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
SCHOOL OF SCIENCE AND HUMANITIES
DEPARTMENT OF PHYSICS

FACULTY DEVELOPMENT PROGRAM



CERTIFICATE OF PARTICIPATION

This certificate is awarded to

**Prof. Dr. Arun Madhukar Patil, Professor, R. C. Patel Art's, Commerce and Science College,
Shirpur, Maharashtra**

*for the active participation in the Second International "Faculty Development Program on Advanced Materials for
Technological Applications" organized by Department of Physics, Sathyabama Institute of Science and Technology
between 24th March to 4th April 2023.*

Dr. T. Sasiprabha
Vice Cha

Dr. Rekha Chakravathy
Arofessor
Dean Arts and Science

Dr. S. Ravichandran
Professor and Head
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Director (HumanBehavtics,Pvt,Ltd)

Ms. Shamistha

**Program Coordinator
(HumanBehavtics,Pvt,Ltd)**



www.humanbehavtics.in

Duration course:

**24th March to
29th March 2023**





Certificate Of Participation

This is to certify that Dr. Sunil Murlidhar Patil has participated in "One Week Online National Workshop on Bibliometric , Literature Review and Statistical Data Analysis" from March 24-29, 2023 organized by HumanBehavtics Private Limited, Gomti Nagar Extension, Sector-1, Lucknow-10, Uttar Pradesh.

E-Certificate Number: HB-15/29/03/23-118

Ms. Shreya
Director
HumanBehavtics, Pvt.Ltd.

Ms. Shamistha
Program Coordinator
HumanBehavtics, Pvt.Ltd.

Dr. Jyoti Pradip Mahashabde



**UGC-Human Resource Development Centre
Devi Ahilya University, Khandwa Road, Indore-452017**

Ph. No. (0731) 2462069 (O) Fax No. 2460830 e-mail : ugcascindore@gmail.com

S.No. 1401/FDP (Education and Development)/2022-23

Date :07-09-2022

// ADMISSION LETTER //

Dr. Jyoti Mahashabde
92A, Subhash Colony , Shirpur , Dist Dhule , Maharashtra
R.C.Patel Arts, Commerce & Science College Shirpur
Shirpur, Maharashtra

Enrollment No. : FDP/NEP2022/05

Sub: One Week Online Faculty Development Programme "Education and Development : NEP2020".

With reference to your application you have been selected for admission in **One Week Online Faculty Development Programme "Education and Development : NEP2020" (19-9-2022 to 24-9-2022).**

1. In order to join the online Refresher Course you are required to have following Hardware and enabling environment:
 - a. Laptop/Desktop or Mobile (Only Whatsapp No.)
 - b. Functioning Webcam, Microphone and Headphones
 - c. Internet Connectivity for all the days
 - d. Email Account for sending the certificate.
2. No. separate Letter of Selection will be sent to the Participant/Principal. Consider this Letter as a proof of your Selection /Admission.
3. Kindly submit your Relieving Letter on this link. <https://forms.gle/8df8LRtdexiREqbWA>

(Note : Please mute your webcam and microphone throughout the Refresher Course for better bandwidth management.)


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Development Centre
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UGC - HUMAN RESOURCE DEVELOPMENT CENTRE DEVI AHILYA VISHWAVIDYALAYA, INDORE



ज्ञान - विज्ञानं विमुक्तये



One Week Online Faculty Development Programme "Education and Development : NEP2020" 2022-2023

CERTIFICATE OF PARTICIPATION

This is to certify that **Dr. Jyoti Mahashabde, Assistant Professor, R.C.Patel Arts, Commerce & Science College, Shirpur, (Maharashtra)** attended one week Faculty Development Programme on "Education and Development : NEP2020" (Online Mode) (19-9-2022 to 24-9-2022)



Narmada

Director

Certificate issue date : 26th Sept, 2022

S.No. : HRDC/STC(Education)/2022-23/5»



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On

Climate Change Mitigation: Innovations and Policy Challenges

Dated 13 June 2022 to 18 June 2022

Organized by **IQAC**

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Coordinator, IPR Cell, KBCNMU, Jalgaon

Prof. Dr. D. G. Hundiwale

Chair Professor, IPR Cell, KBCNMU, Jalgaon

Mr. Rohit V. Randhe

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Kisan Vidya Prasarak Sanstha's
S.P.D.M Arts, S.B.B. & S.H.D. Commerce and S.M.A. Science
Collage, Shirpur Dist. Dhule (MS)

Faculty Development Programme

Certificate


This is to certify that, Miss. Pradya P. Shirsath has successfully participated in this Faculty Development Program on **“Climate Change Mitigation: Innovations and Policy Challenges”** held on 13 June to 18 June 2022.

Dr. D. D. Bhakkad


IQAC Coordinator

Dr. V.M. Patil

Principal & Chief Convener



Search



Extracellular Vesicles in Health and Disease
University of California, Irvine

Course Material

- ✓ Module 1
- ✓ Module 2
- ✓ Module 3
- ✓ Module 4

Grades

Notes

Discussion Forums

Messages 1

Course Info


Extracellular Vesicles in Health and Disease

by University of California, Irvine

About this Course

This course aims to provide current understanding about extracellular vesicles (EVs) and their role in health and diseases. The EVs are known to be involved in cell to cell communication. Apart from maintaining normal cell physiology, EVs deliver messages that can drive or influence the progression of a disease. This course discusses recent advances made in the field to give an introduction on their function in health as well as in disease. This course includes four modules. Module 1 is an introduction to the course, and provides an overview of the previous MOOC on EVs "Basics of Extracellular Vesicles". Module 2 focuses on the role of EVs in physiological conditions and gives various examples on their role in metabolism, inflammation, immunity and pregnancy and coagulation. This module also briefly covers the topic of microorganism-derived EVs such as vesicles from bacteria and discusses EVs from apoptotic and senescent cells. In Module 3, we focus on the role of EVs in cancer: how EVs can mediate communication between the tumour and its microenvironment, the functional role of immune cell-derived EVs in development of cancer, as well as the role of EVs in cancer cell proliferation, survival, metastasis and drug resistance. In Module 4, the role of EVs in diseases of the cardiovascular, haematopoietic, nervous, respiratory and urinary systems, and infectious diseases will be presented. This course is recommended for intermediate learners or anyone who is interested in the field of extracellular vesicles and their role in a particular disease including scientists, clinicians, or cell and molecular biologists who look to broaden their understanding of the field.

[Show less](#)



Taught by: [Dr Carolina Soekmadji](#), Senior Research Officer
QIMR Berghofer Medical Research Institute

Level	Intermediate
Language	English, Subtitles: Arabic, French, Ukrainian, Chinese (Simplified), Greek, Italian, Portuguese (Brazil), Dutch, Korean, German, Russian, Thai, Indonesian, Swedish, Turkish, Spanish, Hindi, Japanese, Kazakh, Polish
How To Pass	Pass all graded assignments to complete the course.
User Ratings	★★★★☆ Average User Rating 4.8

UCI

Extracellular Vesicles in Health and Disease

University of California, Irvine

Course Material

- ✓ Module 1
- ✓ Module 2
- ✓ Module 3
- ✓ Module 4

Grades

Notes

Discussion Forums

Messages 1

Course Info

Syllabus

Module 1

Course Goals and Learning Objectives

This course aims to provide current understanding about extracellular vesicles (EVs) and their role in health and diseases. The EVs are known to be involved in cell to cell communication. Apart from maintaining normal cell physiology, EVs deliver messages that can drive or influence the progression of a disease. This course discusses recent advances made in the field to give an introduction on their function in health as well as in disease.

[▼More](#)

📺 2 videos, 1 reading [expand](#)

Module 2

Physiological Function of EVs

In this module, we will discuss the role of extracellular vesicles in maintaining cellular homeostasis, why they are important for this process. How microorganism such as in gram positive and negative bacteria can secrete EVs, will be discussed. Altered EV secretion as a response to inflammation, stress and apoptosis or senescence will be highlighted. Furthermore, some examples will be provided on how EV cargo can influence cellular metabolism and the function of EVs in maintaining physiology of cells in

[▼More](#)

📺 7 videos [expand](#)

📝 Graded: Module 2

Module 3

Pathophysiology of EVs in Cancer

This module will highlight the role of EVs in the progression of cancer and how the cargo delivered via EVs can directly influence cancer cell proliferation or metastatic properties. The communication between tumour and immune cells, stromal, and endothelial cells will be discussed. We will cover some of the considerations and guidelines that are important in utilising EVs as cancer biomarkers. Techniques that are commonly used to detect EVs, selection of biofluid for tumour EV biomarker analysis,

[▼More](#)

📺 5 videos [expand](#)

📝 Graded: Module 3

Module 4

Pathophysiology of EVs in Various Diseases

We will discuss the reported role of EVs in mediating the development of various diseases such as cardiovascular diseases, hematological disorders, neurological diseases, urological, respiratory diseases and infectious diseases. This module will also highlight some of the proposed EV associated biomarkers and some therapeutic strategies by utilizing EVs to deliver inhibitory molecule.



Jul 18, 2022

Yogeshwar Sanjay Koli

has successfully completed

Extracellular Vesicles in Health and Disease

an online non-credit course authorized by University of California, Irvine and offered through Coursera

A handwritten signature in black ink, appearing to read "Caroli", is positioned above a horizontal line.

Dr. Carolina Soekmadji
Senior Research Officer, QIMR Berghofer Medical Research Institute
Adjunct Senior Fellow, The University of Queensland

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Verify at:

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Coursera has confirmed the identity of this individual and their participation in the course.



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FACULTY
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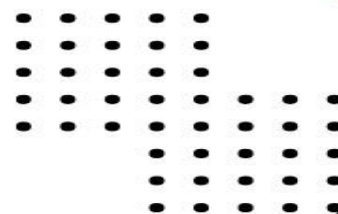
INTERNATIONAL FDP ON
ADVANCE MATERIAL FOR
TECHNOLOGICAL APPLICATIONS

Committee Members

Dr. T. Sasiprabha
(vice cha)

Dr. Rekha Chakravarty
(professor)
Dean arts & science

Dr. S. ravichandran
(Professor & head department of
physics)



DURATION:

24/03/2023 TO 04/04/2023



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

SCHOOL OF SCIENCE AND HUMANITIES
DEPARTMENT OF PHYSICS

FACULTY DEVELOPMENT PROGRAM



CERTIFICATE OF PARTICIPATION

This certificate is awarded to,

**Dr. Mahendra C. Aagle of R. C. Patel Arts, Commerce and Science College,
Shirpur, Maharashtra**

for the active participation in the Second International "Faculty Development Program on Advanced Materials for Technological Applications" organized by Department of Physics, Sathyabama Institute of Science and Technology between 4th March to 4th April 2023.

Dr.T.Sasiprabha
Vice Cha

Dr.Rekha Chakravathy
Arofessor
Dean Arts and Science

Dr.S.Ravichandran
Professor and Head
Department of Physics



Reset my deadlines

Ecology: Ecosystem Dynamics and Conservation

Ecology: Ecosystem Dynamics and Conservation

by American Museum of Natural History & Howard Hughes Medical Institute

Course Material

- ✓ Week 1
- ✓ Week 2
- ✓ Week 3
- ✓ Week 4
- ✓ Week 5

Grades

Notes

Discussion Forums

Messages

Course Info

About this Course

This course is an introduction to ecology and ecosystem dynamics using a systems thinking lens. Through a case study on Mozambique's Gorongosa National Park, learners will explore how scientists study ecosystems, and investigate the complex array of factors that inform management efforts. At the end of the course, learners will be able to grapple with real-world conservation questions, such as whether an

More



Taught by: [Ana Luz Porzecanski](#), Director
Center for Biodiversity and Conservation

✓ Level	Intermediate
☰ Language	English, Subtitles: Arabic, French, Bengali, Ukrainian, Chinese (Simplified), Greek, Italian, Portuguese (Brazil), Vietnamese, Dutch, Korean, German, Pashto, Urdu, Russian, Thai, Indonesian, Swedish, Turkish, Azerbaijani, Spanish, Dari, Hindi, Japanese, Kazakh, Hungarian, Polish
🎓 How To Pass	Pass all graded assignments to complete the course.
★ User Ratings	★★★★☆ Average User Rating 4.8



Ecology: Ecosystem Dynamics and Conservation

Course Material

- [Week 1](#)
- [Week 2](#)
- [Week 3](#)
- [Week 4](#)
- [Week 5](#)

Grades

Notes

Discussion Forums

Messages

Course Info

Syllabus

Week 1

Can an Ecosystem Recover?

We begin in Gorongosa National Park, Mozambique, and pose the question: Can this ecosystem recover after a 15-year civil war? To answer this question, learners must first consider what they need to know—what are the parts that make up this ecosystem, and how do they interact and work together? How do ecosystems react to disruption? How do we know? We will begin to explore the ecosystem as a dynamic whole rather than as a collection of parts, considering how changes might affect

[▼More](#)

3 videos, 7 readings [expand](#)

Graded: Module One: What have you learned?

Week 2

How Do We Study Populations?

This week, we narrow the focus to populations within ecosystems. Who or what populates an ecosystem, and what are their roles? How do these roles change over time? What happens when a species is removed from a system? How do scientists study the populations within an ecosystem, from its largest to its smallest inhabitants? You will explore the important roles different species can play—such as ecosystem engineers, keystone species, and indicator species—and how they shape their

[▼More](#)

3 videos, 2 readings [expand](#)

Graded: Module Two: What have you learned?

Week 3

How Do Species Coexist?

This week we focus on community ecology and further explore the interactions between species in an ecosystem. For instance, how does the decline in a population from an ecosystem (as was the case in Gorongosa) affect the other players? How does adding a population—such as an invasive species or translocated herds—affect an ecosystem?

4 videos, 2 readings [expand](#)

Graded: Module Three: What have you learned?

Week 4

How is an Ecosystem a System?

This week, we will further their understanding about what makes an ecosystem a system by examining the flow of energy and matter through different parts of the environment. This includes understanding the interactions of biotic and abiotic factors within an ecosystem and the services each component provides. We will introduce the complicated effects of both abiotic (climate change) and biotic (herbivory) interactions within a coastal salt marsh system, touching on ecological concepts of

[▼More](#)

3 videos, 2 readings [expand](#)

Graded: Module Four: What have you learned?

Week 5

Can an Ecosystem Recover?

This week we conclude by focusing on the role of humans in ecosystems: how humans interact with and are shaped by their environments. We explore the meaning of the "anthropocene" (the title given to the current geological age in recognition of significant impact of human activities) and investigate management approaches that balance human needs and biodiversity. We also return to Gorongosa National Park to wrap up the course, shifting the conversation from "Can an ecosystem recover?"

[▼More](#)



AMERICAN MUSEUM
OF NATURAL HISTORY



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Jul 26, 2022

Hemant Anandrao Wagh

has successfully completed

Ecology: Ecosystem Dynamics and Conservation

an online non-credit course authorized by American Museum of Natural History, Howard Hughes Medical Institute and offered through Coursera



Ana Luz Porzecanski
Director, Center for Biodiversity and Conservation
American Museum of Natural History

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**VINAYAKRAO PATIL
MAHAVIDYALAYA, VAIJAPUR
DIST-AURANGABAD**

**FDP
ON PROBLEM SOLVING
AND DECISION MAKING
SKILLS WITH ICT**

**MARATHWADA
SHIKSHAN PRASARAK
MANDAL'S**



**Dr.Dadasaheb
Salunkhe
FDP
Coordinator**

**Dr. U.V.Panchal
Principal**

**DURATION:
10th Oct
to
15th oct 2022**

 www.vpcollege.org



MARATHWADA SHIKSHAN PRASARAK MANDAL'S
VINAYAKRAO PATIL MAHAVIDYALAYA, VAIJAPUR.

DIST. AURANGABAD – 423701 (M.S.)

NAAC ACCREDITED 'A' GRADE WITH CGPA 3.33



C E R T I F I C A T E

This is to certify that, Dr. Patil Avinash Arun, from R. C. Patel Arts, Commerce and Science College,

Shirpur has participated and successfully completed the Faculty Development Program on

“Problem Solving and Decision Making Skills with ICT”, from 10th to 15th Oct. 2022

Dr. Dadasaheb Salunke

FDP Coordinator

Dr. U. V. Panchal

Principal



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SCHOOL OF SCIENCE & HUMANITIES
(DEPARTMENT OF PHYSICS)



FACULTY
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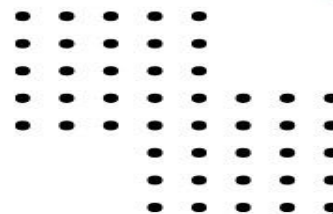
INTERNATIONAL FDP ON
ADVANCE MATERIAL FOR
TECHNOLOGICAL APPLICATIONS

Committee Members

Dr. T. Sasiprabha
(vice cha)

Dr. Rekha Chakravarty
(professor)
Dean arts & science

Dr. S. ravichandran
(Professor & head department of
physics)



DURATION:

24/03/2023 TO 04/04/2023



SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

FACULTY DEVELOPMENT PROGRAM



SCHOOL OF SCIENCE AND HUMANITIES
DEPARTMENT OF PHYSICS

CERTIFICATE OF PARTICIPATION

This certificate is awarded to,

**Mr. Mahesh P. Patil of R. C. Patel Arts, Commerce and Science College,
Shirpur, Maharashtra**

for the active participation in the Second International "Faculty Development Program on Advanced Materials for Technological Applications" organized by Department of Physics, Sathyabama Institute of Science and Technology between 24th March to 4th April 2023.

Dr.T.Sasiprabha
Vice Cha

Dr.Rekha Chakravathy
Arofessor
Dean Arts and Science

Dr.S.Ravichandran
Professor and Head
Department of Physics



Antimicrobial resistance - theory and methods

Technical University of Denmark (DTU)

Course Material

- Week 1
- Week 2
- Week 3
- Week 4
- Week 5

Grades

Notes

Discussion Forums

Messages

Course Info

Antimicrobial resistance - theory and methods

by Technical University of Denmark (DTU)

About this Course

Antimicrobial resistance is an increasingly pressing global concern. This course offers unique and comprehensive insights into the challenges posed by AMR, exploring its mechanisms, implications for public health and laboratory methods as well as tools for identification.

More



Taught by: [Lina Cavaco](#), DVM, PhD, EBVS Specialist in Veterinary Microbiology
Statens Serum Institut - Department for Bacteria, Parasites and Fungi



Taught by: [Pimlapas Leekitcharoenphon](#), PostDoc
Research Group for Genomic Epidemiology, DTU Food



Taught by: [Rene S. Hendriksen](#), Professor, PhD
Technical University of Denmark, National Food Institute, Research Group of Genomic Epidemiology



Antimicrobial resistance - theory and methods
 Technical University of Denmark
 (DTU)

Course Material

- ✓ Week 1
- ✓ Week 2
- ✓ Week 3
- ✓ Week 4
- ✓ Week 5

Grades

Notes

Discussion Forums

Messages

Course Info

Syllabus

Week 1

Welcome to the course

This module is basically a welcome to the course where you can find information on the Course structure, the contents you will be learning in the next modules, the grading, and introduction to the instructors and to the teaching material.

1 video, 1 reading [expand](#)

Module A- Antimicrobial and antimicrobial action

Antimicrobials and antimicrobial action (includes two lectures and one quiz). Here you will learn a lot about antibiotics/ antimicrobials and you will know more about what they are, where do they come from, what are the major groups and how can we classify them, how do they have an effect, how do they act on the bacterial cells.

2 videos [expand](#)

Graded: Quiz Lectures 1-2 (antimicrobials)

Week 2

Module B - Antimicrobials and resistance

This module contains information about antimicrobials and the development of resistance in bacteria including causes for resistance and their mechanisms, as well as an insight in how resistance disseminates and how it can be selected.

4 videos [expand](#)

Graded: Q2- Quiz Lectures 3-6 (antimicrobial resistance)

Week 3

Module C- Antimicrobial susceptibility testing

This module deals with antimicrobial susceptibility testing in the laboratory: Its importance and use, descriptions of the methods and their applications and detailed descriptions of the procedures applied for the main methods.

5 videos [expand](#)

Graded: Q3- Quiz Lectures 7-11 (AST)

Week 4

Module D- Interpretation

This module gives practical insight on how to interpret antimicrobial susceptibility results.

1 video [expand](#)

Graded: Q4- Quiz Lecture 12 (interpretation AST)

Module E- Quality assurance

This module is dedicated to Quality management and Quality assurance (QA/ Quality control (QC) procedures and use of QC strains to assure the quality of results of antimicrobial susceptibility testing: importance, elements and principles.

2 videos [expand](#)

Graded: Q5- Quiz Lectures 13-14 (Quality assurance)

Week 5

Module F- Alternatives to AST- Genome analysis tools

As alternative to the phenotypical methods, the researcher might decide to use genotypically based methods to identify genes of interest. In the lectures of this module we present the Resfinder tool which may be used to find resistance mechanisms (genes and in the future versions also specific point mutations) from Whole genome sequences of bacteria of interest. The



Technical University
of Denmark

Dec 23, 2022

Tejas B. Chaudhari

has successfully completed

Antimicrobial resistance - theory and methods

an online non-credit course authorized by Technical University of Denmark (DTU) and
offered through Coursera

Handwritten signatures of Pimlapas Leekitcharoenphon and Rene S. Hendriksen.

Pimlapas Leekitcharoenphon, Rene S. Hendriksen

**COURSE
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<https://coursera.org/verify/V4LXKVMJBT69>

Coursera has confirmed the identity of this individual and their
participation in the course.

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Dr. K. S. Gaur, Dean First Year and Incharge R.R.D Cell PCE, Nagpur
 Mob. : 9822562096

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Dr. S. K. Patil, Asst. Professor, PCE, Nagpur Mob. 9923448865

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 Prof. R. H. Mishankar, Asst. Professor, PCE, Nagpur

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PRİYADARSHINI J. L. COLLEGE OF ENGINEERING, NAGPUR
 846, New Nandanvan, Nagpur, Maharashtra, India-440024



**The International Conference on
 UPDATES IN TEACHING LEARNING
 TECHNIQUES AND RESEARCH**
 19th – 23rd December, 2022



Organized By
 Lokmanya Tilak Jankalyan Shikshan Sanstha's
PRİYADARSHINI J. L. COLLEGE OF ENGINEERING
 846, New Nandanvan, Nagpur, Maharashtra, India-440024
 Website: www.pjce.ac.in

ABOUT THE COLLEGE:

Priyadarshini J. L. College of Engineering is one of the promising institution of Nagpur & accredited by NAAC with A grade. It has achieved an eminent place in the Nagpur region in a very short span of time. It is an off-shoot of the prestigious education society, LTSS, Nagpur. The Sanstha has created the niche in the segment of engineering and technical education through its Engineering colleges, An Architecture College, Management, Pharmacy College, polytechnic and many more other educational institutions. 360 degree development is demand of time, so, we are committed to transform the students into enlightened young professionals ready to face the challenges of society and industry. Our objective is to prepare the students to deal with the real world issues and encourage them to grab the opportunities to become master in their chosen fields. The institute is successfully growing and molding the students into complete individuals who are competent enough in meeting global industry challenges.

ABOUT THE CONFERENCE:

Welcome to the Innovation in Engineering, Technology, Science & Humanities for **Updates in Teaching Learning Technique and Research** Which will be held at Priyadarshini J.L.College of Engineering, 846 Nandanvan, Nagpur from **19th to 23rd December 2022.**

OBJECTIVE:

The rapid changes and increased complexity of today's world present new challenges and put new demands on our education system. There has been generally a growing awareness of the necessity to change and improve the preparation of students for productive functioning in the continually changing and highly demanding environment. In confronting this challenge it is necessary to consider the complexity of the education system itself and the multitude of problems that must be addressed. Clearly, no simple, single uniform approach can be applied with the expectation that significant improvements of the system will occur.

Indeed, any strategy for change must contend with the diverse factors affecting the education system, the interactions of its parts, and the intricate interdependencies within it and with its environment.

AREAS COVERED (Detailed List)

- Integrating the commonly polarized goals of education; i.e. the goal that focuses on transmitting knowledge with the goal that emphasizes the development of the individual student.
- Adapting teaching to different student characteristics by using diverse methods of teaching. Adaptation to the ability levels, patterns of different abilities, learning styles, personality characteristics, and cultural backgrounds.
- Integrating the curriculum by developing inter-disciplinary curriculum units that enable students to acquire knowledge from different disciplines through a unifying theme while having the opportunity to contribute in different and special ways to the objectives of the integrated units.

CONFERENCE REGISTRATION & REGISTRATION FEES
 Register for the conference by paying the following registration charges.
 Registration Fees : 1000 INR

Payment for participation & Publication can be done at

Bank Details:-
 Bank Name : Punjab National Bank Account No. : 4608000100028918
 IFSC : PUNIB460800 MICR : 440024019
 Branch : Nandanvan, Nagpur Account Name : IETRS

Important Dates:
 Last Date for Registration : 15 December 2022
 Email: konragar@pjce.ac.in • (Conference paper should be submitted to this mail)



LOKMANAYA TILAK JANKALYAN SHIKSHAN SANSTHA'S

PRIYADARSHINI COLLEGE OF ENGINEERING, NAGPUR



DEPARTMENT OF APPLIED PHYSICS



CERTIFICATE OF PARTICIPATION

*This is to certify that Dr./Mr./Ms. Dr. Ramakant A. Chaudhari
of R. C. Patel A.C.S College, Shirpur College/Industry has participated
in **SPECTRUM : ONE WEEK ONLINE-MULTIDISCIPLINARY SHORT TERM TRAINING
PROGRAM** on "**UPDATES IN TEACHING LEARNING TECHNIQUES AND
RESEARCH**" organised by Department of Applied Physics,
Priyadarshini College of Engineering, Nagpur
during **19 - 23 December 2022.***

MR. SATISH TIWARI
CO-CONVENER

DR. (MRS) SUWARNA.M.SAWDE
CONVENER

DR. (MRS) DEVASHREE S. HARDAS
HEAD OF THE DEPARTMENT

DR. G.M. ASUTKAR
VICE PRINCIPAL

DR. S.A. DHALE
PRINCIPAL

coursera English

Data Collection and Processing with Python
University of Michigan

Course Material

- Module 1
- Module 2
- Module 3

Grades

Notes

Discussion Forums

Messages 3

Course Info

Reset deadlines How it works

You've successfully completed the course! To access up-to-date course material, please reset your deadlines.

Data Collection and Processing with Python

by University of Michigan

About this Course

This course teaches you to fetch and process data from services on the Internet. It covers Python list comprehensions and provides opportunities to practice extracting from and processing deeply nested data. You'll also learn how to use the Python requests module to interact with REST APIs and what to look for in documentation of those APIs. For the final project, you will construct a "tag recommender"

[More](#)

Taught by: **Paul Resnick**, Michael D. Cohen
Collegiate Professor
School of Information

Basic Info	Course 3 of 5 in the Python 3 Programming Specialization
Level	Intermediate
Language	English, Subtitles: Arabic, French, Bengali, Ukrainian, Chinese (Simplified), Greek, Italian, Portuguese (Brazil), Dutch, Korean, German, Pashto, Urdu, Russian, Thai, Indonesian, Swedish, Turkish, Azerbaijani, Spanish, Dari, Hindi, Japanese, Kazakh, Hungarian, Polish
How To Pass	Pass all graded assignments to complete the course.
User Ratings	Average User Rating 4.7

Syllabus

Module 1



Data Collection and Processing with Python

University of Michigan

Course Material

✓ Module 1

✓ Module 2

✓ Module 3

Grades

Notes

Discussion Forums

Messages 3

Course Info

Syllabus

Module 1

Nested Data and Nested Iteration

In week one the video lectures and activities from the Runestone textbook will cover more complex data structures. By the end of this week, you will have learned how to process json formatted data, traverse nested data using nested iteration, and extract values from nested data.

📖 15 videos, 10 readings, 1 practice quiz [expand](#)

📝 **Graded:** Assessment: Nested Data and Iteration

Module 2

Map, Filter, and List Comprehensions

In week two you will be learning more advanced forms of accumulation. By the end of the week, you will have learned how to use the map and filter functions in combination with functions to transform or filter out data and store the resulting data in a new object. You will have also learned how to accumulate data using a list comprehension.

📖 13 videos, 5 readings, 1 practice quiz [expand](#)

📝 **Graded:** Assessment: Advanced Accumulation

Module 3

Internet APIs

In week three you will learn how to request data from the internet using Application Programming Interfaces (APIs). By the end of the week, you will have learned how to access data from a few APIs, cache data that you have requested, and also learned how to read and work with other APIs that were not touched on in the module.

📖 21 videos, 15 readings [expand](#)

📝 **Graded:** Project: OMDb and TasteDive Mashup





Jul 29, 2022

Sanjay Gorakh Bachhav

has successfully completed

Data Collection and Processing with Python

an online non-credit course authorized by University of Michigan and offered through Coursera

COURSE
CERTIFICATE



Paul Resnick *Jaclyn Cohen*

Paul Resnick
Michael D. Cohen Collegiate Professor
School of Information

Jaclyn Cohen
Lecturer
School of Information

Verify at:
<https://coursera.org/verify/CXRMSJYKPYFR>

Coursera has confirmed the identity of this individual and their participation in the course.



**FDP
ON PROBLEM SOLVING
AND DECISION MAKING
SKILLS WITH ICT**

**VINAYAKRAO PATIL
MAHAVIDYALAYA, VAIJAPUR
DIST-AURANGABAD**



**MARATHWADA
SHIKSHAN PRASARAK
MANDAL'S**

**Dr.Dadasaheb
Salunkhe
FDP
Coordinator**

**Dr. U.V.Panchal
Principal**

DURATION:

**10th Oct
to
15th oct 2022**



www.vpcollege.org



MARATHWADA SHIKSHAN PRASARAK MANDAL'S
VINAYAKRAO PATIL MAHAVIDYALAYA, VAIJAPUR.

DIST. AURANGABAD – 423701 (M.S.)

NAAC ACCREDITED 'A' GRADE WITH CGPA 3.33



C E R T I F I C A T E

This is to certify that, Mr. Bhanudas Suresh Panchbhai, from R. C. Patel Arts, Commerce and Science College, Shirpur has participated and successfully completed the Faculty Development Program on “Problem Solving and Decision Making Skills with ICT”, from 10th to 15th Oct. 2022

Dr. Dadasaheb Salunke
FDP Coordinator

Dr. U. V. Panchal
Principal

coursera Search in course Search Eng

UC San Diego

Internet of Things: How did we get here?
University of California San Diego

Reset my deadlines

Internet of Things: How did we get here?

by University of California San Diego

About this Course
It is hard to imagine life without your Smartphone – you have come to rely on it so much – for your work; to stay in touch with family and friends; to capture and share those special moments; to find your way around in a new neighborhood. Did you ever wonder how and when all this happened? Or how and when GPS sensors came to be in your cell phone?

Course Material

- Module 1
- Module 2
- Module 3
- Module 4
- Module 5
- Module 6
- Module 7

Grades

Notes

Discussion Forums

Messages

Course Info

More

Taught by: Harinath Garudadri, Associate Research Scientist
Qualcomm Institute of Calit2, UC, San Diego

Taught by: Ganz Chockalingam, Principal Engineer
Qualcomm Institute of Calit2, UC, San Diego

Basic Info	Course 1 of 6 in the Internet of Things and AI Cloud Specialization
Commitment	2 weeks of study, 2-3 hours/week
Language	English, Subtitles: Arabic, French, Ukrainian, Chinese (Simplified), Greek, Italian, Portuguese (Brazil), Vietnamese, Dutch, Korean, German, Russian, Thai, Indonesian, Swedish, Turkish, Spanish, Hindi, Japanese, Kazakh, Polish



Internet of Things: How did we get here?
University of California San Diego

Course Materials

- Module 1
- Module 2
- Module 3
- Module 4
- Module 5
- Module 6
- Module 7

Grades

Notes

Discussion Forums

Messages

Course Info

Module 1

Welcome

Welcome to the first course in the Internet of Things specialization! We hope you're just as excited as we are to begin this exciting journey. Before getting started with the material, we would like to introduce you to the team that made this all possible, as well as give you a preview of what to expect throughout the entire specialization.

- 4 videos, 2 readings, 1 practice quiz **expand**
- Graded:** Intro Module

Module 2

Circuit Switched Networks

In order to answer the big question, "how did we get here?" we must start from the beginning. The beginning of what you may see, well the beginning of telecommunications! In this course we will cover the birth of the telephone and its gradual evolution through different networks. Humans love to talk, which might explain the speedy growth of telephony networks.

- 30 videos, 3 readings, 4 practice quizzes **expand**
- Graded:** Module 1

Module 3

Packet Switched Networks

Now that we have looked at circuit switched networks, we will begin to talk about packet switched networks. Digital networking will change in the telephone industry is what allowed all of the exciting new features we see on mobile phones. In this course, we will clarify differences between circuit and packet switched networks, as well as reveal what digital networking allows us to do.

- 12 videos, 1 reading, 3 practice quizzes **expand**
- Graded:** Module 2

Module 4

Computer Telephony

The convergence began! Computers and telephones start working together which created a great opportunity for business in many ways. Imagine a world without cables (or wires), easy text! Telephony begins to take the digital route, which brings a whole new experience in telecommunications. The digitization of telephony wasn't all positive, for it created the possibility of hackers accessing personal information.

- 15 videos, 1 reading **expand**
- Graded:** Lesson 1
- Graded:** Lesson 2
- Graded:** Lesson 3
- Graded:** Lesson 4
- Graded:** Module 3

Module 5

Wireless Technologies

Telephones eventually become a new entity which we might recognize as the cell phone. Phone mobility revolutionizes the telecommunications market, phones are no longer apply to homes but rather to people. Cell phones were a game changer for telephone companies.

- 21 videos, 1 reading **expand**
- Graded:** Lesson 1
- Graded:** Lesson 2
- Graded:** Lesson 3
- Graded:** Lesson 4
- Graded:** Lesson 5
- Graded:** Module 4

Module 6

Features and Apps

Phone applications are born! This is probably the greatest contribution to the telephone industry because now phone don't just make phone calls and take messages, but also handle finances, entertain, educate, control your home, turn on your car and anything you can imagine! The limits of a technology have never been more endless, if you can think it you can sure build an app for it.

- 7 videos, 1 reading, 1 practice quiz **expand**
- Graded:** Module 5

Module 7

Future Outlook

Congratulations! You've made it to the last module in this course! At this point, you should know the history of the Internet and many innovations that it has advanced with, but what is the Internet of Things anyway? That question and many more will be answered in this final course!

- 8 videos, 1 reading, 2 practice quizzes **expand**
- Graded:** Module 6

Learn More

How It Works

UC San Diego

Jun 11, 2022

SHAIKH SAJID SHAIKH ALTAF

has successfully completed

Internet of Things: How did we get here?

an online non-credit course authorized by University of California San Diego and offered through Coursera



Hari Garudadri
Qualcomm Institute

Ganz Chockalingam
Qualcomm Institute of Calitz

COURSE
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Coursera has confirmed the identity of this individual and their participation in the course.

Miss. Kalyani A. Mahajan



Kisan Vidya Prasarak Sanstha's

S.P.D.M. Arts, S.B.B. & S.H.D. Commerce & S.M.A. Science College, Shirpur

Shingave Shivar , Waghadi Road. Tal- Shirpur, Dist.-Dhule, M.S.425405 | Affiliated with Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon

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Faculty Development Program

On

Climate Change Mitigation: Innovations and Policy Challenges

Dated 13 June 2022 to 18 June 2022

Organized by **IQAC**

Prof. Dr. S. S. Rajput (Principal)

Acting Dean, Faculty of Science & Technology, KBC NMU, Jalgaon

Dr. Vikas V. Gite

Coordinator, IPR Cell, KBCNMU, Jalgaon

Prof. Dr. D. G. Hundiwale

Chair Professor, IPR Cell, KBCNMU, Jalgaon

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Kisan Vidya Prasarak Sanstha's
S.P.D.M Arts, S.B.B.& S.H.D. Commerce and S.M.A. Science
Collage, Shirpur Dist. Dhule (MS)

Faculty Development Programme

Certificate

This is to certify that, Miss. Kalyani A. Mahajan has successfully participated in this Faculty Development Program on **“Climate Change Mitigation: Innovations and Policy Challenges”** held on 13 June to 18 June 2022.

Dr. D. D. Bhakkad

IQAC Coordinator

Dr. V.M. Patil

Principal & Chief Convener



Certificate Course in Bioassay and its types



OBJECTIVES

Bioassays are commonly used to measure the relative strength of a pharmaceutical substance or the toxic effects of environmental pollutant in an animal species. Bioassays in animals are the 'gold standard method' for estimation of the concentration of prions causing transmissible spongiform encephalopathies (TSEs).



DR.Swati Sinha.
CEO

PharmaStateAcademy

Duration : 06may2023 to
12 may2023



PharmaState Academy

Certificate of completion is awarded to

Tejas Chaudhari

for successfully completing the course

BIOASSAY AND ITS TYPES

Course completed on 12/05/2023



Scan for verification

Certificate Id
d290ab38668134a1



A handwritten signature in blue ink is located in the bottom right corner. The signature appears to read "Dr. Swati Sinha".

Dr. Swati Sinha
CEO
PharmaState Academy

Mrs. Rajashri B. Chaudhari

http://nmu.ac.in/portals/0/PhD/PET2021/Time%20table%20pre-phd%20course%20work%202023_1.pdf

GROUP-I

**Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon
Pre Ph.D. course work February 2023
Workshop on Research Methodology and Research & Publication Ethics (RM-RPE) [Paper I]**

Group-I	Medium of Instructions
Group I: Science & Technology (All Subjects) , Law (Humanities); Library & Information Science (Interdisciplinary)	ENGLISH

Chairman :Prof. A. P. Dongre, Dean, Commerce & Management

Unit number & title SECTION I Research Methodology	Topic	Date	Time	Name of the resource person	Co-Ordinator	Technical Co-Ordinator	Online Link to Join Workshop
Unit I: Basics of Research and Research Types	Research objectives, Scientific research, Importance of Research Methodology	06/02/2023	09.00 am to 11.00 am	Prof. Medha Deshpande, IITM, Pune	Prof. S. R. Chaudhari	Dr. Ujjwal Patil	Zoom: Click Here
Unit IV: Data Analysis and Interpretation	Editing, Coding, Transcription, Tabulation		11.00 am to 01.00 pm	Prof. S. R. Kolhe, School of Computer Science, KBCNMU, Jalgaon			
Unit II: Review of Literature and Research	Basic Concept and its Need, Literature Search		01.30 pm to 03.30 pm	Prof. A. M. Mahajan, School of Physical Science, KBCNMU, Jalgaon			
Unit II: Review of Literature and Research	Types of Literature Review, Review of Research, Sources, Synthesis Process		03.30 pm to 05.30 pm	Prof. B. L. Chaudhari , School of Life Science, KBCNMU, Jalgaon			
Unit II: Review of Literature and Research	Planning of Review and Documentation	07/02/2023	09.00 am to 11.00 am	Dr. C. G. Bonde, School of Pharmacy & Technology Management, ShirpurDist : Dhule, 425405	Prof. S. R. Chaudhari	Dr. Ujjwal Patil	Zoom: Click Here
Unit III: Research Design	Process, Identification, and Formulation of Problem		11.00 am to 01.00 pm	Prof. Satyendra Mishra, UICT,KBCNMU, Jalgaon			
Unit III: Research Design	Hypothesis, Tools of Research		01.30 pm to 03.30 pm	Dr. V. V. Gite, School of Chemical Science, KBCNMU, Jalgaon			
Unit I: Basics of Research and Research Types	Good Research Practices (GRP), Types of Research and Methods, Surveys, Case Studies, Experiments, and Field Studies, etc.		03.30 pm to 05.30 pm	Prof. S. P. Shekhawat , Dean- Administration, G H Raisoni Institute of Engineering and Management, Jalgaon			

Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon
Pre Ph.D. course work February 2023
Workshop on Research Methodology and Research & Publication Ethics (RM-RPE) [Paper I]

Group-I	Medium of Instructions
Group 1: Science & Technology (All Subjects) , Law (Humanities); Library & Information Science (Interdisciplinary)	ENGLISH

Chairman : Prof. A. P. Dongre, Dean, Commerce & Management

Unit number & title SECTION I Research Methodology	Topic	Date	Time	Name of the resource person	Co-Ordinator	Technical Co-Ordinator	Online Link to Join Workshop
Unit IV: Data Analysis and Interpretation	Introduction to Analytical/Statistical Software (SPSS, MINITAB) and Presentation of Data (Graphical)	08/02/2023	09.00 am to 11.00 am	Dr. S. P. Gite, Dept. of Statistics, Mumbai University, Vidyanagri, Santacruz (E), Mumbai- 400098	Prof. S. R. Chaudhari	Dr. Ujjwal Patil	Zoom: Click Here
Unit V: Statistical Analysis and Report Writing	Regression and Correlation Analysis		11.00 am to 01.00 pm	Dr. R. D. Koshti , School of Mathematical Science, KBCNMU, Jalgaon			
Unit IV: Data Analysis and Interpretation	Introduction to Analytical/Statistical Software (MATLAB) and Presentation of Data (Graphical)		01.30 pm to 03.30 pm	Dr. M. P. Patil, School of Computer Sciences, KBCNMU, Jalgaon			
Unit V: Statistical Analysis and Report Writing	Research Paper Writing		03.30 pm to 05.30 pm	Prof. Satyendra Mishra, UICT,KBCNMU, Jalgaon			
Unit V: Statistical Analysis and Report Writing	Measures of Central Tendency, Dispersion, and Association/Relationship	09/02/2023	09.00 am to 11.00 am	Dr. S.B. Mahadik, Shivaji University, Vidya Nagar, Kolhapur- 416004	Prof. S. R. Chaudhari	Dr. Ujjwal Patil	Zoom: Click Here
Unit V: Statistical Analysis and Report Writing	Hypothesis Testing and Test of Significance		11.00 am to 01.00 pm	Prof. Alka Tripathi, Dept. of Maths., Jaypee Institute Of Information Technology,A-10, Sector-62, , Noida-201 309			
Unit V: Statistical Analysis and Report Writing	Analysis of Variance		01.30 pm to 03.30 pm	Prof. K. K. Kamalja , School of Mathematics Science, KBCNMU, Jalgaon			
Unit V: Statistical Analysis and Report Writing	Thesis Writing, Citation, Referencing Tools		03.30 pm to 05.30 pm	Prin. Dr. G. K. Pathnaik , SSBT., College of Engineering & Technology, ambhori, Jalgaon			

Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon
Pre Ph.D. course work February 2023
Workshop on Research Methodology and Research & Publication Ethics (RM-RPE) [Paper I]

Group	Medium of Instructions
Group 1: Science & Technology, Law (Humanities); Library & Information Science (Interdisciplinary)	ENGLISH

Pre-PhD Course work Parallel Lecture Schedule as per GROUPS

Chairman : Prof. A. P. Dongre, Dean, Commerce & Management

Parallel Lecture Groups	Topic	Date	Time	Name of the resource person	Co-Ordinator	Technical Co-Ordinator	Online Link to Join Workshop
1. Science group (All Science Subjects) 2. Technology group (All Engineering Subjects)	Formulation of Research Problem	10/02/2023	09.00 am to 11.00 am	Dr. N. D. Dandi, School of Life Sciences, KBCNMU, Jalgaon	Prof. S. R. Chaudhari	Dr. Sandip Bhamre/ Dr. Ujjwal Patil	Zoom: Click Here
	Framing of Research Statements		11.00 am to 01.00 pm	Dr. Rajib Chattopadhyay, Indian Institute of Tropical Meteorology, Pune			
	Research Process		01.30 pm to 03.30 pm	Prof. D. M. Phase ,Centre Director (O) & Scientist, UGC-DAE Consortium for Scientific Research, Indore			
	Research Analysis		03.30 pm to 05.30 pm	Prof. M. R. Joshi , School of Computer Science, KBCNMU, Jalgaon			
3. Pharmacy group	Formulation of Research Problem	10/02/2023	09.00 am to 11.00 am	Dr. R. P. Bhole, Pune ritesh.bhole@dypup.edu.in M.No.9890904939	Prin. Dr. S. B. Bari, Shirpur	Dr. Pravin Patil, Shirpur	Zoom: Click Here
	Framing of Research Statements		11.00 am to 01.00 pm	Dr. C. R. Patil, Shirpur xplore.remedies@gmail.com M. No. 9823400240			
	Research Process		01.30 pm to 03.30 pm	Dr. Ketan Ranch, LMCP, Ahmedabad Ketan.ranch@lmcp.ac.in M. No. 9925475599			
	Research Analysis		03.30 pm to 05.30 pm	Prin. Dr. S. B. Bari, Shirpur drsbbari@gmail.com M.No.9423918027			



KAVAYITRI BAHINABAI CHAUDHARI
NORTH MAHARASHTRA UNIVERSITY,
JALGAON

CERTIFICATE

This is to certify that,
RAJASHRI BHARAT CHAUDHARI
has been provisionally registered for the Ph.D.
program under the faculty of
SCIENCE AND TECHNOLOGY
and attended the Pre-Ph.D. Course Work on
Paper - I (PHD 001): Research Methodology
and Research & Publication Ethics (RM-
RPE),
organized online by the University during,
06 FEBRUARY 2023 - 13 FEBRUARY 2023

Prof. A. P. Dongre
Dean (Commerce & Management)
Chairman, Pre-Ph.D. Course work
(February-2023)

Prof. S. T. Ingle
Pro-Vice Chancellor

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 Dr. S. A. Dhale, Principal, PCC, Nagpur.
 Dr. G. M. Amthkar, Vice-Principal, PCC, Nagpur.

PROGRAMME CHAIR

Dr. S. A. Dhale, Principal, PCC, Nagpur

CONVENER

Dr. K. S. Gaur, Dean, First Year and Incharge R & D Cell PCCOE, Nagpur
 Mob.: 9822562896


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PRIVADARSHINI J. L. COLLEGE OF ENGINEERING, NAGPUR
 846, New Nandurvan, Nagpur, Maharashtra, India-440024




**The International Conference on
 UPDATES IN TEACHING LEARNING
 TECHNIQUES AND RESEARCH**

19th – 23rd December, 2022



Organized By
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PRIVADARSHINI J. L. COLLEGE OF ENGINEERING
 846, New Nandurvan, Nagpur, Maharashtra, India-440024
 Website: www.pjce.edu.in



ABOUT THE COLLEGE:

Privadarshini J. L. College of Engineering is one of the promising institution of Nagpur & accredited by NAAC with A grade. It has achieved an eminent place in the Nagpur region in a very short span of time. It is an off-shoot of the prestigious education society, LTSS, Nagpur. The Sanstha has created the niche in the segment of engineering and technical education through its Engineering colleges, An Architecture College, Management, Pharmacy College, polytechnic and many more other educational institutions. 360 degree development is demand of time, so, we are committed to transform the students into enlightened young professionals ready to face the challenges of society and industry. Our objective is to prepare the students to deal with the real world issues and encourage them to grab the opportunities to become master in their chosen fields. The institute is successfully growing and making the students into complete individuals who are competent enough in meeting global industry challenges.

ABOUT THE CONFERENCE

Welcome to the Innovation in Engineering, Technology, Science & Humanities for Updates in Teaching Learning Technique and Research Which will be held at Privadarshini J.L.College of Engineering, 846 Nandurvan, Nagpur from 19th to 23rd December 2022.

OBJECTIVE:

The rapid changes and increased complexity of today's world present new challenges and put new demands on our education system. There has been generally a growing awareness of the necessity to change and improve the preparation of students for productive functioning in the continually changing and highly demanding environment. In confronting this challenge it is necessary to consider the complexity of the education system itself and the multitude of problems that must be addressed. Clearly, no simple, single uniform approach can be applied with the expectation that significant improvements of the system will occur.

Indeed, any strategy for change must contend with the diverse factors affecting the education system, the interactions of its parts, and the intricate interdependencies within it and with its environment.

AREAS COVERED (Detailed List)

- Integrating the commonly polarized goals of education; i.e. the goal that focuses on transmitting knowledge with the goal that emphasizes the development of the individual student.
- Adapting teaching to different student characteristics by using diverse methods of teaching. Adaptation to the ability levels, patterns of different abilities, learning styles, personality characteristics, and cultural backgrounds.
- Integrating the curriculum by developing inter-disciplinary curriculum units that enable students to acquire knowledge from different disciplines through a unifying theme while having the opportunity to contribute in different and special ways to the objectives of the integrated units.

CONFERENCE REGISTRATION & REGISTRATION FEES

Register for the conference by paying the following registration charges.

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Important Dates:

Last Date for Registration : 15 December 2022

Email: karjaguar@pjce.edu.in - (Conference paper should be submitted to this mail)



LOKMANAYA TILAK JANKALYAN SHIKSHAN SANSTHA'S
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DEPARTMENT OF APPLIED PHYSICS



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This is to certify that Dr./Mr./Ms. Dr. Ramesh D. Jadhav
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in **SPECTRUM : ONE WEEK ONLINE-MULTIDISCIPLINARY SHORT TERM TRAINING
PROGRAM on "UPDATES IN TEACHING LEARNING TECHNIQUES AND
RESEARCH"** organised by Department of Applied Physics,
Priyadarshini College of Engineering, Nagpur
during **19 - 23 December 2022.**

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On

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Dated 13 June 2022 to 18 June 2022

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Dr. D. D. Bhakkad

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GROUP-I

**Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon
Pre Ph.D. course work February 2023
Workshop on Research Methodology and Research & Publication Ethics (RM-RPE) [Paper I]**

Group-I	Medium of Instructions
Group 1: Science & Technology (All Subjects) , Law (Humanities); Library & Information Science (Interdisciplinary)	ENGLISH

Chairman :Prof. A. P. Dongre, Dean, Commerce & Management

Unit number & title SECTION I Research Methodology	Topic	Date	Time	Name of the resource person	Co-Ordinator	Technical Co-Ordinator	Online Link to Join Workshop
Unit I: Basics of Research and Research Types	Research objectives, Scientific research, Importance of Research Methodology	06/02/2023	09.00 am to 11.00 am	Prof. Medha Deshpande, IITM, Pune	Prof. S. R. Chaudhari	Dr. Ujjwal Patil	Zoom: Click Here
Unit IV: Data Analysis and Interpretation	Editing, Coding, Transcription, Tabulation		11.00 am to 01.00 pm	Prof. S. R. Kolhe, School of Computer Science, KBCNMU, Jalgaon			
Unit II: Review of Literature and Research	Basic Concept and its Need, Literature Search		01.30 pm to 03.30 pm	Prof. A. M. Mahajan, School of Physical Science, KBCNMU, Jalgaon			
Unit II: Review of Literature and Research	Types of Literature Review, Review of Research, Sources, Synthesis Process		03.30 pm to 05.30 pm	Prof. B. L. Chaudhari , School of Life Science, KBCNMU, Jalgaon			
Unit II: Review of Literature and Research	Planning of Review and Documentation	07/02/2023	09.00 am to 11.00 am	Dr. C. G. Bonde, School of Pharmacy & Technology Management, ShirpurDist : Dhule, 425405	Prof. S. R. Chaudhari	Dr. Ujjwal Patil	Zoom: Click Here
Unit III: Research Design	Process, Identification, and Formulation of Problem		11.00 am to 01.00 pm	Prof. Satyendra Mishra, UICT,KBCNMU, Jalgaon			
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Unit I: Basics of Research and Research Types	Good Research Practices (GRP), Types of Research and Methods, Surveys, Case Studies, Experiments, and Field Studies, etc.		03.30 pm to 05.30 pm	Prof. S. P. Shekhawat , Dean- Administration, G H Raisoni Institute of Engineering and Management, Jalgaon			

Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon
Pre Ph.D. course work February 2023
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Unit V: Statistical Analysis and Report Writing	Regression and Correlation Analysis		11.00 am to 01.00 pm	Dr. R. D. Koshti , School of Mathematical Science, KBCNMU, Jalgaon			
Unit IV: Data Analysis and Interpretation	Introduction to Analytical/Statistical Software (MATLAB) and Presentation of Data (Graphical)		01.30 pm to 03.30 pm	Dr. M. P. Patil, School of Computer Sciences, KBCNMU, Jalgaon			
Unit V: Statistical Analysis and Report Writing	Research Paper Writing		03.30 pm to 05.30 pm	Prof. Satyendra Mishra, UICT,KBCNMU, Jalgaon			
Unit V: Statistical Analysis and Report Writing	Measures of Central Tendency, Dispersion, and Association/Relationship	09/02/2023	09.00 am to 11.00 am	Dr. S.B. Mahadik, Shivaji University, Vidya Nagar, Kolhapur- 416004	Prof. S. R. Chaudhari	Dr. Ujjwal Patil	Zoom: Click Here
Unit V: Statistical Analysis and Report Writing	Hypothesis Testing and Test of Significance		11.00 am to 01.00 pm	Prof. Alka Tripathi, Dept. of Maths., Jaypee Institute Of Information Technology, A-10, Sector-62, , Noida-201 309			
Unit V: Statistical Analysis and Report Writing	Analysis of Variance		01.30 pm to 03.30 pm	Prof. K. K. Kamalja , School of Mathematics Science, KBCNMU, Jalgaon			
Unit V: Statistical Analysis and Report Writing	Thesis Writing, Citation, Referencing Tools		03.30 pm to 05.30 pm	Prin. Dr. G. K. Pathnaik , SSBT., College of Engineering & Technology, ambhori, Jalgaon			

Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon
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Pre-PhD Course work Parallel Lecture Schedule as per GROUPS

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	Framing of Research Statements		11.00 am to 01.00 pm	Dr. Rajib Chattopadhyay, Indian Institute of Tropical Meteorology, Pune			
	Research Process		01.30 pm to 03.30 pm	Prof. D. M. Phase ,Centre Director (O) & Scientist, UGC-DAE Consortium for Scientific Research, Indore			
	Research Analysis		03.30 pm to 05.30 pm	Prof. M. R. Joshi , School of Computer Science, KBCNMU, Jalgaon			
3. Pharmacy group	Formulation of Research Problem	10/02/2023	09.00 am to 11.00 am	Dr. R. P. Bhole, Pune ritesh.bhole@dypup.edu.in M.No.9890904939	Prin. Dr. S. B. Bari, Shirpur	Dr. Pravin Patil, Shirpur	Zoom: Click Here
	Framing of Research Statements		11.00 am to 01.00 pm	Dr. C. R. Patil, Shirpur xplore.remedies@gmail.com M. No. 9823400240			
	Research Process		01.30 pm to 03.30 pm	Dr. Ketan Ranch, LMCP, Ahmedabad Ketan.ranch@lmcp.ac.in M. No. 9925475599			
	Research Analysis		03.30 pm to 05.30 pm	Prin. Dr. S. B. Bari, Shirpur drsbbari@gmail.com M.No.9423918027			



**KAVAYITRI BAHINABAI CHAUDHARI
NORTH MAHARASHTRA UNIVERSITY, JALGAON**

CERTIFICATE

This is to certify that,

SHITAL MADHU TAWADE

has been provisionally registered for the Ph.D. program under the faculty of

SCIENCE AND TECHNOLOGY

and attended the Pre-Ph.D. Course Work on

Paper - I (PHD 001): Research Methodology and Research & Publication Ethics (RM-RPE),
organized online by the University during, **06 FEBRUARY 2023 - 13 FEBRUARY 2023**

Prof. A. P. Dongre
Dean (Commerce & Management)
Chairman, Pre-Ph.D. Course work
(February-2023)

Prof. S. T. Ingle
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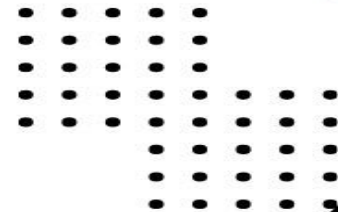
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(vice cha)

Dr. Rekha Chakravarty
(professor)
Dean arts & science

Dr. S. ravichandran
(Professor & head department of
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DEPARTMENT OF PHYSICS

FACULTY DEVELOPMENT PROGRAM



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Shirpur, Maharashtra**

for the active participation in the Second International "Faculty Development Program on Advanced Materials for Technological Applications" organized by Department of Physics, Sathyabama Institute of Science and Technology between 24th March to 4th April 2023.

Dr. T. Sasiprabha
Vice Cha

Dr. Rekha Chakravathy
Arofessor
Dean Arts and Science

Dr. S. Ravichandran
Professor and Head
Department of Physics

Mr. Anand Jayantilal Maheshwari

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GROUP-I

Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon
Pre Ph.D. course work February 2023
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Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon
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Pre-PhD Course work Parallel Lecture Schedule as per GROUPS

Chairman : Prof. A. P. Dongre, Dean, Commerce & Management

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Chairman, Pre-Ph.D. Course work
(February-2023)

Prof. S. T. Ingle
Pro-Vice Chancellor

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846, New Nandavran, Nagpur, Maharashtra, India-440024



**The International Conference on
UPDATES IN TEACHING LEARNING
TECHNIQUES AND RESEARCH**

19th – 23rd December, 2022



Organized By
Lokmanya Tilak Jankalyan Shikshan Sanstha's
PRIVADARSHINI J. L. COLLEGE OF ENGINEERING
846, New Nandavran, Nagpur, Maharashtra, India-440024
Website : www.pjce.edu.in

ABOUT THE COLLEGE:

Priyadarshini J. L. College of Engineering is one of the promising institution of Nagpur & accredited by NAAC with A grade. It has achieved an eminent place in the Nagpur region in a very short span of time. It is an off-shoot of the prestigious education society, LTSS, Nagpur. The Sanstha has created the niche in the segment of engineering and technical education through its Engineering colleges, An Architecture College, Management, Pharmacy College, polytechnic and many more other educational institutions. 360 degree development is demand of time, so, we are committed to transform the students into enlightened young professionals ready to face the challenges of society and industry. Our objective is to prepare the students to deal with the real world issues and encourage them to grab the opportunities to become master in their chosen fields. The institute is successfully growing and molding the students into complete individuals who are competent enough in meeting global industry challenges.

ABOUT THE CONFERENCE:

Welcome to the Innovation in Engineering, Technology, Science & Humanities for Updates in Teaching Learning Technique and Research Which will be held at Priyadarshini J.L. College of Engineering, 846 Nandavran, Nagpur from 19th to 23rd December 2022.

OBJECTIVE:

The rapid changes and increased complexity of today's world present new challenges and put new demands on our education system. There has been generally a growing awareness of the necessity to change and improve the preparation of students for productive functioning in the continually changing and highly demanding environment. In confronting this challenge it is necessary to consider the complexity of the education system itself and the multitude of problems that must be addressed. Clearly, no simple, single uniform approach can be applied with the expectation that significant improvements of the system will occur.

Indeed, any strategy for change must contend with the diverse factors affecting the education system, the interactions of its parts, and the intricate interdependencies within it and with its environment.

AREAS COVERED (Detailed List)

- Integrating the commonly polarized goals of education; i.e. the goal that focuses on transmitting knowledge with the goal that emphasizes the development of the individual student.
- Adapting teaching to different student characteristics by using diverse methods of teaching. Adaptation to the ability levels, patterns of different abilities, learning styles, personality characteristics, and cultural backgrounds.
- Integrating the curriculum by developing inter-disciplinary curriculum units that enable students to acquire knowledge from different disciplines through a unifying theme while having the opportunity to contribute in different and special ways to the objectives of the integrated units.

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Bank Name : Punjab National Bank Account No : 4608000100028018
IFSC : PUNIB0460800 MICR : 440024019
Branch : Nandavran, Nagpur Account Name : IETRS

Important Dates:

Last Date for Registration : 15 December 2022
Email: kon@nagpur@pjce.edu.in - (conference paper should be submitted to this mail)



LOKMANAYA TILAK JANKALYAN SHIKSHAN SANSTHA'S

PRIYADARSHINI COLLEGE OF ENGINEERING, NAGPUR



DEPARTMENT OF APPLIED PHYSICS



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Priyadarshini College of Engineering, Nagpur
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MR. SATISH TIWARI
CO-CONVENER

DR. (MRS) SUWARNA.M.SAWDE
CONVENER

DR. (MRS) DEVASHREE S. HARDAS
HEAD OF THE DEPARTMENT

DR. G.M. ASUTKAR
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DR. S.A. DHALE
PRINCIPAL

Miss. Harsha Dwarakaprasad Pardeshi

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Workshop on Research Methodology and Research & Publication Ethics (RM-RPE) [Paper I]

Group-I	Medium of Instructions
Group 1: Science & Technology (All Subjects) , Law (Humanities); Library & Information Science (Interdisciplinary)	ENGLISH

Chairman :Prof. A. P. Dongre, Dean, Commerce & Management

Unit number & title SECTION I Research Methodology	Topic	Date	Time	Name of the resource person	Co-Ordinator	Technical Co-Ordinator	Online Link to Join Workshop
Unit I: Basics of Research and Research Types	Research objectives, Scientific research, Importance of Research Methodology	06/02/2023	09.00 am to 11.00 am	Prof. Medha Deshpande, IITM, Pune	Prof. S. R. Chaudhari	Dr. Ujjwal Patil	Zoom: Click Here
Unit IV: Data Analysis and Interpretation	Editing, Coding, Transcription, Tabulation		11.00 am to 01.00 pm	Prof. S. R. Kolhe, School of Computer Science, KBCNMU, Jalgaon			
Unit II: Review of Literature and Research	Basic Concept and its Need, Literature Search		01.30 pm to 03.30 pm	Prof. A. M. Mahajan, School of Physical Science, KBCNMU, Jalgaon			
Unit II: Review of Literature and Research	Types of Literature Review, Review of Research, Sources, Synthesis Process		03.30 pm to 05.30 pm	Prof. B. L. Chaudhari , School of Life Science, KBCNMU, Jalgaon			
Unit II: Review of Literature and Research	Planning of Review and Documentation	07/02/2023	09.00 am to 11.00 am	Dr. C. G. Bonde, School of Pharmacy & Technology Management, ShirpurDist : Dhule, 425405	Prof. S. R. Chaudhari	Dr. Ujjwal Patil	Zoom: Click Here
Unit III: Research Design	Process, Identification, and Formulation of Problem		11.00 am to 01.00 pm	Prof. Satyendra Mishra, UICT,KBCNMU, Jalgaon			
Unit III: Research Design	Hypothesis, Tools of Research		01.30 pm to 03.30 pm	Dr. V. V. Gite, School of Chemical Science, KBCNMU, Jalgaon			
Unit I: Basics of Research and Research Types	Good Research Practices (GRP), Types of Research and Methods, Surveys, Case Studies, Experiments, and Field Studies, etc.		03.30 pm to 05.30 pm	Prof. S. P. Shekhawat , Dean- Administration, G H Raisonni Institute of Engineering and Management, Jalgaon			

Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon
Pre Ph.D. course work February 2023
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Unit V: Statistical Analysis and Report Writing	Regression and Correlation Analysis		11.00 am to 01.00 pm	Dr. R. D. Koshti , School of Mathematical Science, KBCNMU, Jalgaon			
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Pre-PhD Course work Parallel Lecture Schedule as per GROUPS

Chairman : Prof. A. P. Dongre, Dean, Commerce & Management

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	Framing of Research Statements		11.00 am to 01.00 pm	Dr. Rajib Chattopadhyay, Indian Institute of Tropical Meteorology, Pune			
	Research Process		01.30 pm to 03.30 pm	Prof. D. M. Phase ,Centre Director (O) & Scientist, UGC-DAE Consortium for Scientific Research, Indore			
	Research Analysis		03.30 pm to 05.30 pm	Prof. M. R. Joshi , School of Computer Science, KBCNMU, Jalgaon			
3. Pharmacy group	Formulation of Research Problem	10/02/2023	09.00 am to 11.00 am	Dr. R. P. Bhole, Pune ritesh.bhole@dypup.edu.in M.No.9890904939	Prin. Dr. S. B. Bari, Shirpur	Dr. Pravin Patil, Shirpur	Zoom: Click Here
	Framing of Research Statements		11.00 am to 01.00 pm	Dr. C. R. Patil, Shirpur xplore.remedies@gmail.com M. No. 9823400240			
	Research Process		01.30 pm to 03.30 pm	Dr. Ketan Ranch, LMCP, Ahmedabad Ketan.ranch@lmcp.ac.in M. No. 9925475599			
	Research Analysis		03.30 pm to 05.30 pm	Prin. Dr. S. B. Bari, Shirpur drsbbari@gmail.com M.No.9423918027			



**KAVAYITRI BAHINABAI CHAUDHARI
NORTH MAHARASHTRA UNIVERSITY, JALGAON**

CERTIFICATE

This is to certify that,
HARSHA DWARKAPRASAD PARDESHI
has been provisionally registered for the Ph.D. program under the faculty of
SCIENCE AND TECHNOLOGY
and attended the Pre-Ph.D. Course Work on
Paper - I (PHD 001): Research Methodology and Research & Publication Ethics (RM-RPE),
organized online by the University during, **06 FEBRUARY 2023 - 13 FEBRUARY 2023**

Prof. A. P. Dongre
Dean (Commerce & Management)
Chairman, Pre-Ph.D. Course work
(February-2023)

Prof. S. T. Ingle
Pro-Vice Chancellor



Kisan Vidya Prasarak Sanstha's

S.P.D.M. Arts, S.B.B. & S.H.D. Commerce & S.M.A. Science College, Shirpur

Shingave Shivar , Waghadi Road. Tal- Shirpur, Dist.-Dhule, M.S.425405 | Affiliated with Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon

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Faculty Development Program

On

Climate Change Mitigation: Innovations and Policy Challenges

Dated 13 June 2022 to 18 June 2022

Organized by IQAC

Prof. Dr. S. S. Rajput (Principal)

Acting Dean, Faculty of Science & Technology, KBC NMU, Jalgaon

Dr. Vikas V. Gite

Coordinator, IPR Cell, KBCNMU, Jalgaon

Prof. Dr. D. G. Hundiwale

Chair Professor, IPR Cell, KBCNMU, Jalgaon

Mr. Rohit V. Randhe
Trustee KVPS & Registrar

Prof. Dr. F. M. Bagul
Vice Principal

Dr. S. P. Mahire
Vice Principal

Dr. D. D. Bhakkad
Convener

Dr. M. V. Patil
Coordinator

Prof. N. S. Pathan
Organizing Secretary

Prof. S. S. Vasave, Dr. M. S. Patil, Dr. S. C. Gorane, Dr. S. R. Vihire, Dr. S. B. Kamble, Dr. M. B. Wagh, Dr. B. B. Valvi, Dr. L. P. Chaudhari, Dr. S. B. Chaudhari, Prof. S. Y. Solanki



Kisan Vidya Prasarak Sanstha's
S.P.D.M Arts, S.B.B.& S.H.D. Commerce and S.M.A. Science
Collage, Shirpur Dist. Dhule (MS)

Faculty Development Programme

Certificate

This is to certify that, Miss. Ruchika K. Patil has
successfully participated in this Faculty Development
Program on **“Climate Change Mitigation: Innovations and
Policy Challenges”** held on 13 June to 18 June 2022.

Dr. D. D. Bhakkad
IQAC Coordinator

Dr. V.M. Patil
Principal & Chief Convener

Dr. Sudhakar Sitaram Chaudhari



LOKMANAYA TILAK JANKALYAN SHIKSHAN SANSTHA'S
PRIYADARSHINI COLLEGE OF ENGINEERING, NAGPUR
DEPARTMENT OF APPLIED PHYSICS



CERTIFICATE OF PARTICIPATION

This is to certify that Dr./Mr./Ms. Dr. Sudhakar S. Chaudhari
of R. C. Patel A.C.S College, Shirpur College/Industry has participated
*in **SPECTRUM : ONE WEEK ONLINE-MULTIDISCIPLINARY SHORT TERM TRAINING***
*PROGRAM on "**UPDATES IN TEACHING LEARNING TECHNIQUES AND***
***RESEARCH**" organised by Department of Applied Physics,*
Priyadarshini College of Engineering, Nagpur
*during **19 - 23 December 2022.***

MR. SATISH TIWARI
CO-CONVENER

DR.(MRS) SUWARNA.M.SAWDE
CONVENER

DR.(MRS) DEVASHREE S. HARDAS
HEAD OF THE DEPARTMENT

DR. G.M. ASUTKAR
VICE PRINCIPAL

DR. S.A. DHALE
PRINCIPAL

Mr. Shubham Vijaykumar Yadav

Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon
Pre Ph.D. course work February 2023
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Pre-PhD Course work Parallel Lecture Schedule as per GROUPS

Chairman : Prof. A. P. Dongre, Dean, Commerce & Management

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	Framing of Research Statements		11.00 am to 01.00 pm	Dr. C. R. Patil, Shirpur xplore.remedies@gmail.com M. No. 9823400240			
	Research Process		01.30 pm to 03.30 pm	Dr. Ketan Ranch, LMCP, Ahmedabad Ketan.ranch@lmcp.ac.in M. No. 9925475599			
	Research Analysis		03.30 pm to 05.30 pm	Prin. Dr. S. B. Bari, Shirpur drsbbari@gmail.com M.No.9423918027			



**KAVAYITRI BAHINABAI CHAUDHARI
NORTH MAHARASHTRA UNIVERSITY, JALGAON**

CERTIFICATE

This is to certify that,
SHUBHAM VIJAYKUMAR YADAV
has been provisionally registered for the Ph.D. program under the faculty of
SCIENCE AND TECHNOLOGY
and attended the Pre-Ph.D. Course Work on
Paper - I (PHD 001): Research Methodology and Research & Publication Ethics (RM-RPE),
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Prof. A. P. Dongre
Dean (Commerce & Management)
Chairman, Pre-Ph.D. Course work
(February-2023)

Prof. S. T. Ingle
Pro-Vice Chancellor

Mrs. Surekha K. Kurnakar



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Dr. Vikas V. Gite

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Prof. Dr. D. G. Hundiwale

Chair Professor, IPR Cell, KBCNMU, Jalgaon

Mr. Rohit V. Randhe
Trustee KVPS & Registrar

Prof. Dr. F. M. Bagul
Vice Principal

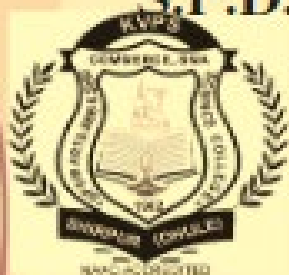
Dr. S. P. Mahire
Vice Principal

Dr. D. D. Bhakkad
Convener

Dr. M. V. Patil
Coordinator

Prof. N. S. Pathan
Organizing Secretary

Prof. S.S. Vasave, Dr. M.S. Patil, Dr. S.C. Gorane, Dr. S.R. Vihire, Dr. S.B. Kamble,
Dr. M.B. Wagh, Dr. B.B. Valvi, Dr. L.P. Chaudhari, Dr. S.B. Chaudhari, Prof. S.Y. Solanki



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This is to certify that, Mrs. Surekha K. Kurnakar has successfully participated in this Faculty Development Program on “Climate Change Mitigation: Innovations and Policy Challenges” held on 13 June to 18 June 2022.

Dr. D. D. Bhakkad

IQAC Coordinator

Dr. V.M. Patil

Principal & Chief Convener

Miss. Varsha Dwarakaprasad Jayaswal

http://nmu.ac.in/portals/0/PhD/PET2021/Time%20table%20pre-phd%20course%20work%202023_1.pdf

GROUP-I

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Pre Ph.D. course work February 2023
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	Research Process		01.30 pm to 03.30 pm	Prof. D. M. Phase, Centre Director (O) & Scientist, UGC-DAE Consortium for Scientific Research, Indore			
	Research Analysis		03.30 pm to 05.30 pm	Prof. M. R. Joshi, School of Computer Science, KBCNMU, Jalgaon			
3. Pharmacy group	Formulation of Research Problem	10/02/2023	09.00 am to 11.00 am	Dr. R. P. Bhole, Pune ritesh.bhole@dypup.edu.in M.No.9890904939	Prin. Dr. S. B. Bari, Shirpur	Dr. Pravin Patil, Shirpur	Zoom: Click Here
	Framing of Research Statements		11.00 am to 01.00 pm	Dr. C. R. Patil, Shirpur xplore.remedies@gmail.com M. No. 9823400240			
	Research Process		01.30 pm to 03.30 pm	Dr. Ketan Ranch, LMCP, Ahmedabad Ketan.ranch@lmcp.ac.in M. No. 9925475599			
	Research Analysis		03.30 pm to 05.30 pm	Prin. Dr. S. B. Bari, Shirpur drsbbari@gmail.com M.No.9423918027			



**KAVAYITRI BAHINABAI CHAUDHARI
NORTH MAHARASHTRA UNIVERSITY, JALGAON**

CERTIFICATE

This is to certify that,

VARSHA DWARKAPRASAD JAYASWAL

has been provisionally registered for the Ph.D. program under the faculty of

SCIENCE AND TECHNOLOGY

and attended the Pre-Ph.D. Course Work on

Paper - I (PHD 001): Research Methodology and Research & Publication Ethics (RM-RPE),
organized online by the University during, **06 FEBRUARY 2023 - 13 FEBRUARY 2023**

Prof. A. P. Dongre
Dean (Commerce & Management)
Chairman, Pre-Ph.D. Course work
(February-2023)

Prof. S. T. Ingle
Pro-Vice Chancellor



SATYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
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SCHOOL OF SCIENCE & HUMANITIES
(DEPARTMENT OF PHYSICS)



FACULTY
DEVELOPMENT
PROGRAMS

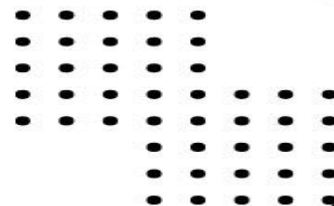
INTERNATIONAL FDP ON
ADVANCE MATERIAL FOR
TECHNOLOGICAL APPLICATIONS

Committee Members

Dr. T. Sasiprabha
(vice cha)

Dr. Rekha Chakravarty
(professor)
Dean arts & science

Dr. S. ravichandran
(Professor & head department of
physics)



DURATION:
24/03/2023 TO 04/04/2023



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

SCHOOL OF SCIENCE AND HUMANITIES
DEPARTMENT OF PHYSICS

FACULTY DEVELOPMENT PROGRAM



CERTIFICATE OF PARTICIPATION

This certificate is awarded to

*Mr. SHAIKH SAJID SHAIKH ALTAF, Assistant Professor, R.C Patel Arts Commerce and Science College
Shirpur, Maharashtra*

*for the active participation in the Second International Faculty Development Program on
“Advanced Materials for Technological Applications” organized by the Department of Physics,
Sathyabama Institute of Science and Technology between 24th March to 4th April 2023.*

Dr. T. Sasi Prabha
Vice Chancellor

Dr. Rekha Chakravathy
Dean, Arts and Sciences

Dr. S. Ravi Chandran
Head, Department of Physics

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 Mob. 9822562996

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Dr. S. K. Pathi, Asst. Professor, PICE, Nagpur Mob. 9923448865

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VENUE

PRYADARSHINI J. L. COLLEGE OF ENGINEERING, NAGPUR
 846, Near Nandavran, Nagpur, Maharashtra, India-440024





The International Conference on UPDATES IN TEACHING LEARNING TECHNIQUES AND RESEARCH

19th – 23rd December, 2022



Organized By
Lokmanya Tilak Anukalyan Shiksha Sanstha
PRYADARSHINI J. L. COLLEGE OF ENGINEERING
846, Near Nandavran, Nagpur, Maharashtra, India-440024
Website: www.pjce.ac.in

ABOUT THE COLLEGE:

Pryadarshini J. L. College of Engineering is one of the promising institution of Nagpur & accredited by NAAC with A grade. It has achieved an eminent place in the Nagpur region in a very short span of time. It is an off-shoot of the prestigious education society, LTSS, Nagpur. The Sanstha has created the niche in the segment of engineering and technical education through its Engineering colleges, An Architecture College, Management, Pharmacy College, polytechnic and many more other educational institutions. 360 degree development is demand of time, so, we are committed to transform the students into enlightened young professionals ready to face the challenges of society and industry. Our objective is to prepare the students to deal with the real world issues and encourage them to grab the opportunities to become master in their chosen fields. The institute is successfully growing and molding the students into complete individuals who are competent enough in meeting global industry challenges.

ABOUT THE CONFERENCE

Welcome to the innovation in Engineering, Technology, Science & Humanities for Updates in Teaching Learning Technique and Research Which will be held at Pryadarshini J.L.College of Engineering, 846 Nandavran, Nagpur from 19th to 23rd December 2022.

OBJECTIVE:

The rapid changes and increased complexity of today's world present new challenges and put new demands on our education system. There has been generally a growing awareness of the necessity to change and improve the preparation of students for productive functioning in the continually changing and highly demanding environment. In confronting this challenge it is necessary to consider the complexity of the education system itself and the multitude of problems that must be addressed. Clearly, no simple, single uniform approach can be applied with the expectation that significant improvements of the system will occur.

Indeed, any strategy for change must contend with the diverse factors affecting the education system, the interactions of its parts, and the intricate interdependencies within it and with its environment.

AREAS COVERED (Detailed List)

- Integrating the commonly polarized goals of education; i.e. the goal that focuses on transmitting knowledge with the goal that emphasizes the development of the individual student.
- Adapting teaching to different student characteristics by using diverse methods of teaching. Adaptation to the ability levels, patterns of different abilities, learning styles, personality characteristics, and cultural backgrounds.
- Integrating the curriculum by developing inter-disciplinary curriculum units that enable students to acquire knowledge from different disciplines through a unifying theme while having the opportunity to contribute in different and special ways to the objectives of the integrated units.

CONFERENCE REGISTRATION & REGISTRATION FEES

Register for the conference by paying the following registration charges.
 Registration Fees : 1000 INR

Payment for participation & Publication can be done at

Bank Details:-
 Bank Name : Punjab National Bank Account No : 4008004100028918
 IFSC : PUNIB0460800 MICR : 440024019
 Branch : Nandavran, Nagpur Account Name : IJERTS

Important Dates:

Last Date for Registration : 15 December 2022
 Email: harishgaur@pjce.ac.in - (Conference paper should be submitted to this mail)



LOKMANAYA TILAK JANKALYAN SHIKSHAN SANSTHA'S
PRIYADARSHINI COLLEGE OF ENGINEERING, NAGPUR
DEPARTMENT OF APPLIED PHYSICS



CERTIFICATE OF PARTICIPATION

This is to certify that Dr./Mr./Ms. Dr. Bachhav Sanjay Gorakh
of R. C. Patel A.C.S. College, Shirpur College/Industry has participated
in **SPECTRUM : ONE WEEK ONLINE-MULTIDISCIPLINARY SHORT TERM TRAINING
PROGRAM on "UPDATES IN TEACHING LEARNING TECHNIQUES AND
RESEARCH"** organised by Department of Applied Physics,
Priyadarshini College of Engineering, Nagpur
during **19 - 23 December 2022.**

MR. SATISH TIWARI
CO-CONVENER

DR. (MRS) SUWARNA.M.SAWDE
CONVENER

DR. (MRS) DEVASHREE S. HARDAS
HEAD OF THE DEPARTMENT

DR. G.M. ASUTKAR
VICE PRINCIPAL

DR. S.A. DHALE
PRINCIPAL



Kisan Vidya Prasarak Sanstha's

S.P.D.M. Arts, S.B.B. & S.H.D. Commerce & S.M.A. Science College, Shirpur

Shingave Shivar, Waghadi Road, Tal- Shirpur, Dist.-Dhule, M.S.425405 | Affiliated with Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon

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Faculty Development Program

On

Climate Change Mitigation: Innovations and Policy Challenges

Dated 13 June 2022 to 18 June 2022

Organized by **IQAC**

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Coordinator, IPR Cell, KBCNMU, Jalgaon

Prof. Dr. D. G. Hundiwale

Chair Professor, IPR Cell, KBCNMU, Jalgaon

Mr. Rohit V. Randhe
Trustee KVPS & Registrar

Prof. Dr. F. M. Bagul
Vice Principal

Dr. S. P. Mahire
Vice Principal

Dr. D. D. Bhakkad
Convener

Dr. M. V. Patil
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Prof. N. S. Pathan
Organizing Secretary

Prof. S. S. Vasave, Dr. M. S. Patil, Dr. S. C. Gorane, Dr. S. R. Vihire, Dr. S. B. Kamble, Dr. M. B. Wagh, Dr. B. B. Valvi, Dr. L. P. Chaudhari, Dr. S. B. Chaudhari, Prof. S. Y. Solanki



Kisan Vidya Prasarak Sanstha's
S.P.D.M Arts, S.B.B. & S.H.D. Commerce and S.M.A. Science
Collage, Shirpur Dist. Dhule (MS)

Faculty Development Programme

Certificate

This is to certify that, Mrs. Harshada N. Bhavsar has successfully participated in this Faculty Development Program on “Climate Change Mitigation: Innovations and Policy Challenges” held on 13 June to 18 June 2022.

Dr. D. D. Bhakkad

IQAC Coordinator

Dr. V.M. Patil

Principal & Chief Convener

Dr. Shubhangi Gokul Pingle

Sanrachana

A Program That Helps Create Constructivist Classrooms



1

Would you like to engage your students better in the learning process?

Would double tips on how to create student centred, activity oriented classrooms help you?

Would you like to use technology to turn your current model on its head?

Constructivism Is The Key!

Why Constructivism?

2

Constructivist design makes learning an active, social process for your students. It engages them better and fosters critical thinking, creativity, collaboration, and communication in your classroom.



About The Program

Open to faculty across



Certificate No. / प्रमाणपत्र क्र. :
7013201014

Maharashtra State Faculty Development Academy
महाराष्ट्र राज्य अध्यापक विकास संस्था

Certificate of Participation / सहभाग प्रमाणपत्र

This certificate is awarded to

Dr. Shubhangi Gokul Pingle

यांना हे प्रमाणपत्र देण्यात येते

We appreciate your participation and rich contribution in the successful completion of the programme

Sanrachana - Creating Constructivist classrooms

या कार्यक्रमाच्या यशस्वी पूर्ततेसाठी आम्ही तुमच्या सहभागाची आणि भरीव योगदानाची नोंद घेतो

From 21/11/2022 पासून to/ते 25/11/2022 पर्यंत

at MSFDA, Pune

The programme/training was organised by Maharashtra State Faculty Development Academy, Pune
कार्यक्रम / प्रशिक्षणाचे आयोजन महाराष्ट्र राज्य अध्यापक विकास संस्था, पुणे आणि

in collaboration with Rotary International Pune (RID 3131)

यांच्या सहकार्याने करण्यात आले होते

Bangarwadha
Dr. Sybil Thomas
General Manager, MSFDA

OUR KNOWLEDGE PARTNERS / आमचे ज्ञान भागीदार



This programme/training has been held equivalent to trainings of similar duration conducted by Human Resource Development Centres of UGC, New Delhi and/or other approved organisations/institutes of the Central/State Government, for the purpose of Career Advancement Scheme (CAS) promotions of teachers/faculties as well as for the purpose of

Registration:

Please visit the below link and complete the online registration

https://docs.google.com/forms/d/1l-tDASQi_4rxW9YcRDhcUX9-GH3Z8zVYvXXGZFYQ5Qc/edit?usp=drivesdk

IMPORTANT INFORMATION FOR PARTICIPANTS:

- This seminar is for faculty members, research scholars, students also.
- Registration is free for all participants.
- On completion of the course all the participants will be issued a certificate .

Note: Attendance is compulsory to get the certificate

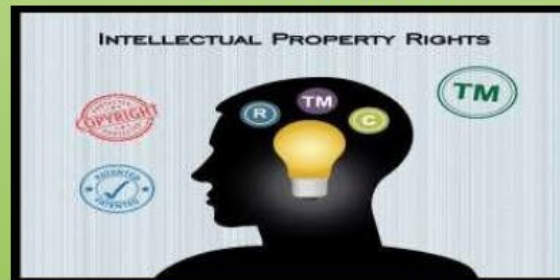


Sinhgad Academy Of Engineering,
Kondhwa(BK), Pune-48
(Approved by AICTE & Affiliated to SPPU)

Faculty Development Program On

“Research Methodology: The
Practical Approach”

24 – 28 April 2023



Organized by
Department of Electronics and Telecommunication
Engineering,

Chief Patrons:

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Founder President,
Sinhgad institutes
Dr. (Mrs.) Sunanda M.Navale
Founder Secretary,
Sinhgad institutes
Mrs.Rachana Navale Ashtekar.
Vice-president-(Admin).
Sinhgad institutes
Mr.Rohit M.Navale.
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Principal Vice-principal

Co-convener:

Dr.Daljeet Kaur Dr.N.P.Dharmadikari
FE-HOD FE-HOD

Co-ordinator

Dr.N.P.Dharmadikari

Organizing committee:

Mrs.S.B.Borate Ms.P.H.Pawar
Mrs.V.R.Rokade Mrs.M.S.Poojari

Certificate of Participation

This is to certify that **Mr Sunil Dhondu Mone** has successfully completed National Level One Week Online Faculty Development Program on **"Research Methodology: The Practical Approach"** held during **24th - 28th April 2023** organized by department of Electronics and Telecommunication Engineering, at Sinhgad Academy of Engineering, Kondhwa(Bk), Pune 48



Dr. D.K. Kamat
Co-Ordinator



Prof A.B. Ingole
Convener



Dr.K.M Gaikwad
HOD & Vice Principal



Dr.K.P Patil
Principal



SATYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
SCHOOL OF SCIENCE & HUMANITIES
(DEPARTMENT OF PHYSICS)



FACULTY
DEVELOPMENT
PROGRAMS

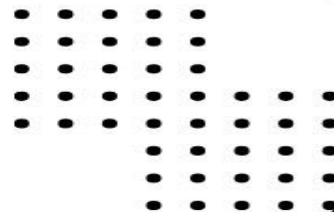
INTERNATIONAL FDP ON ADVANCE MATERIAL FOR TECHNOLOGICAL APPLICATIONS

Committee Members

Dr. T. Sasiprabha
(vice cha)

Dr. Rekha Chakravarty
(professor)
Dean arts & science

Dr. S. ravichandran
(Professor & head department of
physics)



DURATION:
24/03/2023 TO 04/04/2023



SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

FACULTY DEVELOPMENT PROGRAM



SCHOOL OF SCIENCE AND HUMANITIES
DEPARTMENT OF PHYSICS

CERTIFICATE OF PARTICIPATION

This certificate is awarded to,

**Miss. Shweta R. Upadhyay of R. C. Patel Arts, Commerce and Science College,
Shirpur, Maharashtra**

for the active participation in the Second International "Faculty Development Program on Advanced Materials for Technological Applications" organized by Department of Physics, Sathyabama Institute of Science and Technology between 24th March to 4th April 2023.

Dr.T.Sasiprabha
Vice Cha

Dr.Rekha Chakravathy
Arofessor
Dean Arts and Science

Dr.S.Ravichandran
Professor and Head
Department of Physics

Target Group:

Faculty members (Teachers from various subjects of Science & Technology)

participants from the colleges and universities across Maharashtra

- * **Max Limit:** 40 participants
- * **Total duration:** 1 week

Registration Procedure:

- Interested candidates have to fill the online form (link given below) on or before **15/11/2022**.
- Candidates will be selected according to eligibility and available seats. The confirmation of selection will be communicated to the selected candidates on **17/11/2022** by email.

Special Talk Series with Hands-on Training/Demo on Sophisticated instruments:

- * Registration Link:
<https://forms.gle/XjmSrVxa2gb4detsp8>

Last date of Registration: **15/11/2022**

Confirmation of Selection: **17/11/2022**

General Information:

- Registration Kit, Course material and Certificate of participation will be provided to the participants.
- Lodging boarding will be provided. Participants are encourage to bring their samples if any, for hands on analysis during the program.

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Vice-Chancellor,

Nipun Vinayak
Executive Director

Kavayitri Bahinabai Chaudhari **Maharashtra State Faculty**
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KBCNMU, Jalgaon

Suraj Babar
MSFDA Coordinator
Centre for Innovation &
Cutting-edge technology

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Prof. S. R. Kolhe
Prof. R. L. Shinde
Prof S N Patil
Dr. V. V. Gite

❖ Contact Us:

Prof. A. M. Mahajan

Mob. No.: 9823474375, 8468881365

Email: ammahajan@nmu.ac.in

Ms. Savita Shingare

(74475414105/9403875462)

savita.msfd@gmail.com

Website :- msfda.org.in,

Twitter :- @MSFDA_Official



Kavayitri Bahinabai Chaudhari
North Maharashtra University, Jalgaon,
Maharashtra

In collaboration with

Maharashtra State Faculty Development
Academy (MSFDA), Pune

Organizes
One week

Faculty Development Program
on

Hands on training on high
end research equipment
(HT-HERE-2022)



21st -26th November- 2022



Certificate No. / प्रमाणपत्र क्र. 4042401009

Maharashtra State Faculty Development Academy
महाराष्ट्र राज्य अध्यापक विकास संस्था

Certificate of Participation / सहभाग प्रमाणपत्र

This certificate is awarded to

Ms. Kinnari Machindranath Patil यांना हे प्रमाणपत्र देण्यात येते

We appreciate your participation and rich contribution in the successful completion of the programme

Hands on training on high-end research equipment

या कार्यक्रमाच्या यशस्वी पूर्ततेसाठी आम्ही तुमच्या सहभागाची आणि भरीव योगदानाची नोंद घेतो

From 21st Nov. 2022 पासून to / ते 26th Nov. 2022 पर्यंत offline

at KBCNMU, Jalgaon

The programme/training was organised by Maharashtra State Faculty Development Academy, Pune
कार्यक्रम / प्रशिक्षणाचे आयोजन महाराष्ट्र राज्य अध्यापक विकास संस्था, पुणे आणि

in collaboration with Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon
यांच्या सहकार्याने करण्यात आले होते

General Manager, MSFDA

OUR KNOWLEDGE PARTNERS / आमचे ज्ञान भागीदार



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*This programme/training has been held equivalent to trainings of similar duration conducted by Human Resource Development Centres of UGC, New Delhi and/or other approved organizations/institutes of the Central/State Government, for the purpose of Career Advancement Scheme (CAS) promotions of teachers/faculties as well as for the purpose of promotions of non-teaching staff of colleges/institutes/universities vide State Govt. Resolution No.Bef-2018/Pa.Kr.344/Mach-5, Government of Maharashtra, Dated 26.12.2021.



G H RAISONI UNIVERSITY, SAIKHEDA

SCHOOL OF SCIENCES

Organises One Week

FACULTY DEVELOPMENT PROGRAM

on

"Leadership Skills for Enhancing Personal & Organisational Outcomes"

In Association with : III-Cell , IQAC Cell & II-C Cell



Topic :

Goal Settings For Enhanced Personal & Organizational Productivity

by

Dr. Vivek Nanoti

Director (Engg.) LTJSS and Member Senate of RTMNU,
Nagpur NAAC Accessor, Management Guru,
Motivational Speaker

Live in 47 hours
November 30 at 11:00 AM

Notify me

November, 2022 | 11:00 AM





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Dhoda Bargaon, Village-Saikheda, Teh-Saunsar, Dist.-Chhindwara, (M.P.) - 480337

Tel: +91 9111104290/91, Web: www.ghru.edu.in, E-Mail: info@ghru.edu.in

SCHOOL OF SCIENCES

Organised One Week Faculty Development Program (FDP)

On

“Leadership Skills for Enhancing Personal and Organisational Outcomes”

In Association with III-C, IQAC, II-C Cell

Certificate of Participation

This is to certify that Priyanka Bhikaji Sonawane of R. C. Patel ACS College, Shirpur for successful completion of One Week FDP on **“Leadership Skills for Enhancing Personal and Organisational Outcomes”** during the period from 28/11/2022 to 03/12/2022, organized by School of Sciences (SOS), G H Raison University, Saikheda (MP).

Convenor

Prof. Anju D. Naidu
Dean III-C

Organizing Chair

Prof. Vidya P. Meshram
Dean, School of Sciences

FDP Chair

Dr. Shiram Joshi
Registrar, GHRUS, M.P.

Patron

Dr. Meena Rajesh
Hon'ble V

Made for free with Certify'em

M.P.



AICTE approved
FDP Course by
NPTEL

Elements of Literature and Creative Communication

BY PROF. H S KOMALESHA



WHY

The 12-week course hopes to enable students to learn and appreciate different forms of literature as suitable modes of expressing human experience.

START DATE: 23.01.2023

For Whom

INTENDED-AUDIENCE:
Open to all. Especially,
UG/PG/Research
Scholars, Faculty
Members, Industry
Associates
INDUSTRY SUPPORT:
Publishing Industry:
Media &
Communication.

END DATE: 14.04.2023

By Whom

Prof. H S Komalesha is an academic, critic, poet and translator. He has authored *Issues of Identity in Indian English Fiction: A Close Reading of Canonical Indian English Novels* (Oxford: Peter Lang, 2008). For full bio please visit [here](#).

EXAM DATE: 29.04.2023

ENROLLMENTS OPEN NOW AT THE SWAYAM PORTAL
https://onlinecourses.nptel.ac.in/noc23_hs16/preview



NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)



This certificate is awarded to

RAJNIKANT VASANT SONAR

for successfully completing the course

Elements of Literature and Creative Communication

with a consolidated score of **85 %**

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



(Jan-Apr 2023)

Roll No: NPTEL23HS16S33470204

Duration of NPTEL course : 12 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses.
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

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 Sant. A.Bha C Chaturvedi, Secretary, LTSS, Nagpur Hon'ble Shri L.
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 Abhijit Dhadwad, Director, LTSS, Nagpur

PATRONS

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 Dr. S. A. Dhabe, Principal, PCE, Nagpur.
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PROGRAMME CHAIR

Dr. S. A. Dhabe, Principal, PICE, Nagpur

CONVENER

Dr. K. S. Gaur, Dean First Year and Exchange R & D Cell PICE, Nagpur
 Mob. : 9822562896

ORGANIZING

Dr. S. K. Patil, Asst. Professor, PICE, Nagpur Mob. : 9822448885

Dr. A. B. Kadam, Higher Engg. Coordinator & Exchange IQAC Dr.
 V. P. Badgambhi, Head, CSE & AI Dept., PICE, Nagpur Dr. P. B.
 Patil, Head, ETC Dept., PICE, Nagpur
 Dr. A. M. Mandkar, Head, Electrical Engg. Dept., PICE, Nagpur Dr.
 M. G. Ganam Patil, Head, Civil Engg. Dept., PICE, Nagpur Dr. A. B.
 Saw, Training & Placement Officer, PICE, Nagpur
 Dr. V. K. Wankharia, Asst. Professor, PICE, Nagpur Dr. B.
 N. Katarke, Asst. Professor, PICE, Nagpur Prof. R. N.
 Janghkar, Asst. Professor, PICE, Nagpur
 Prof. R. H. Mohankar, Asst. Professor, PICE, Nagpur

Venue

PRYADARSHINI J. L. COLLEGE OF ENGINEERING, NAGPUR
 846, New Nandavran, Nagpur, Maharashtra, India-440024

The International Conference on UPDATES IN TEACHING LEARNING TECHNIQUES AND RESEARCH

19th – 23rd December, 2022

Organized By
 Lokmanya Tilak Amikalyan Sitalkhan Sanatha's
PRYADARSHINI J. L. COLLEGE OF ENGINEERING
 846, New Nandavran, Nagpur, Maharashtra, India-440024
 Website : www.pjce.edu.in

ABOUT THE COLLEGE:

Pryadashini J. L. College of Engineering is one of the promising institution of Nagpur & accredited by NAAC with A grade. It has achieved an eminent place in the Nagpur region in a very short span of time. It is an off-shoot of the prestigious education society, LTSS, Nagpur. The Sanatha has created the niche in the segment of engineering and technical education through its Engineering colleges, An Architecture College, Management, Pharmacy College, polytechnic and many more other educational institutions. 360 degree development is demand of time, so, we are committed to transform the students into enlightened young professionals ready to face the challenges of society and industry. Our objective is to prepare the students to deal with the real world issues and encourage them to grab the opportunities to become master in their chosen fields. The institute is successfully growing and molding the students into complete individuals who are competent enough in meeting global industry challenges.

ABOUT THE CONFERENCE

Welcome to the Innovation in Engineering, Technology, Science & Humanities for **Updates in Teaching Learning Techniques and Research** Which will be held at Pryadashini J.L.College of Engineering, 846 Nandavran, Nagpur from **19th to 23rd December 2022**.

OBJECTIVE:

The rapid changes and increased complexity of today's world present new challenges and put new demands on our education system. There has been generally a growing awareness of the necessity to change and improve the preparation of students for productive functioning in the continually changing and highly demanding environment. In confronting this challenge it is necessary to consider the complexity of the education system itself and the multitude of problems that must be addressed. Clearly, no simple, single uniform approach can be applied with the expectation that significant improvements of the system will occur.

Indeed, any strategy for change must contend with the diverse factors affecting the education system, the interactions of its parts, and the intricate interdependencies within it and with its environment.

AREAS COVERED (Detailed List)

- Integrating the commonly polarized goals of education; i.e. the goal that focuses on transmitting knowledge with the goal that emphasizes the development of the individual student.
- Adapting teaching to different student characteristics by using diverse methods of teaching. Adaptation to the ability levels, patterns of different abilities, learning styles, personality characteristics, and cultural backgrounds.
- Integrating the curriculum by developing inter-disciplinary curriculum units that enable students to acquire knowledge from different disciplines through a unifying theme while having the opportunity to contribute in different and special ways to the objectives of the integrated units.

CONFERENCE REGISTRATION & REGISTRATION FEES
 Register for the conference by paying the following registration charges.
 Registration Fees : **1000 INR**

Payment for participation & Publication can be done at

Bank Details:-
 Bank Name : Punjab National Bank Account No : 4688006100028916
 IFSC : PUNIB0468800 MICR : 440024019
 Branch : Nandavran, Nagpur Account Name : LTSS

Important Dates:
 Last Date for Registration : 15 December 2022
 Email: konf@pjce.edu.in – (Conference paper should be submitted to this mail)



LOKMANAYA TILAK JANKALYAN SHIKSHAN SANSTHA'S
PRIYADARSHINI COLLEGE OF ENGINEERING, NAGPUR
DEPARTMENT OF APPLIED PHYSICS



CERTIFICATE OF PARTICIPATION

This is to certify that Dr./Mr./Ms. Dr. Milind B. Bachute
of R. C. Patel A.C.S College, Shirpur College/Industry has participated
*in **SPECTRUM : ONE WEEK ONLINE-MULTIDISCIPLINARY SHORT TERM TRAINING***
*PROGRAM on "**UPDATES IN TEACHING LEARNING TECHNIQUES AND***
***RESEARCH**" organised by Department of Applied Physics,*
Priyadarshini College of Engineering, Nagpur
*during **19 - 23 December 2022.***

MR. SATISH TIWARI
CO-CONVENER

DR. (MRS) SUWARNA.M.SAWDE
CONVENER

DR. (MRS) DEVASHREE S. HARDAS
HEAD OF THE DEPARTMENT

DR. G.M. ASUTKAR
VICE PRINCIPAL

DR. S.A. DHALE
PRINCIPAL

Target Group:

Faculty members (Teachers from various subjects of Science & Technology) participants from the colleges and universities across Maharashtra

- * **Max Limit:** 40 participants
- * **Total duration:** 1 week

Registration Procedure:

- Interested candidates have to fill the online form (link given below) on or before **15/11/2022**.
- Candidates will be selected according to eligibility and available seats. The confirmation of selection will be communicated to the selected candidates on **17/11/2022** by email.

Special Talk Series with Hands-on Training/Demo on Sophisticated instruments:

- * Registration Link: <https://forms.gle/XjmSrVxa2gb4detp8>

Last date of Registration: **15/11/2022**

Confirmation of Selection: **17/11/2022**

General Information:

- Registration Kit, Course material and Certificate of participation will be provided to the participants.
- Lodging boarding will be provided. Participants are encourage to bring their samples if any, for hands on analysis during the program.

Organizing Committee: Patron

Prof. V. L. Maheshwari **Nipun Vinayak**
Vice-Chancellor, Executive Director
Kavayitri Bahinabai Chaudhari Maharashtra State Faculty
North Maharashtra University, Jalgaon (M.S.) **Development Academy Pune. (MSFDA)**

Co-Patron

Prof. S T Ingle
Pro Vice Chancellor
KBCNMU, Jalgaon

Co-ordinators:

Prof. Ashok M. Mahajan **Suraj Babar**
Senior Professor and Head MSFDA Coordinator
Department of Electronics Centre for Innovation &
KBCNMU, Jalgaon Cutting-edge technology

Members

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Prof. J. B. Naik
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Prof. B. L. Chaudhari
Prof. S. R. Kolhe
Prof. R. L. Shinde
Prof S N Patil
Dr. V. V. Gite

❖ Contact Us:

Prof. A. M. Mahajan

Mob. No.: 9823474375, 8468881365
Email: ammahajan@nmu.ac.in

Ms. Savita Shingare
(74475414105/9403875462)
savita.msfd@gmail.com

Website :- msfda.org.in ,
Twitter :- @MSFDA_Official



Kavayitri Bahinabai Chaudhari
North Maharashtra University, Jalgaon,
Maharashtra
In collaboration with
Maharashtra State Faculty Development
Academy (MSFDA), Pune

Organizes
One week
Faculty Development Program
on

Hands on training on high
end research equipment
(HT-HERE-2022)



21st -26th November- 2022



Certificate No. / प्रमाणपत्र क्र :
4042401040

Maharashtra State Faculty Development Academy
महाराष्ट्र राज्य अध्यापक विकास संस्था

Certificate of Participation / सहभाग प्रमाणपत्र

This certificate is awarded to

Vijayalaxami Sahebrao Shelke यांना हे प्रमाणपत्र देण्यात येते

We appreciate your participation and rich contribution in the successful completion of the programme

Hands on training on high-end research equipment

या कार्यक्रमाच्या यशस्वी पूर्ततेसाठी आम्ही तुमच्या सहभागाची आणि भरीव योगदानाची नोंद घेतो

From 21st Nov. 2022 पासून to / ते 26th Nov. 2022 पर्यंत offline

KBCNMU, Jalgaon

The programme/training was organised by Maharashtra State Faculty Development Academy, Pune
कार्यक्रम / प्रशिक्षणाचे आयोजन महाराष्ट्र राज्य अध्यापक विकास संस्था, पुणे आणि

In collaboration with Kavayitri Bahingbai Chaudhari North Maharashtra University, Jalgaon
यांच्या सहकार्याने करण्यात आले होते

Bangmadhar
Dr. Sybil Thomas
General Manager, MSFDA

OUR KNOWLEDGE PARTNERS / आमचे ज्ञान भागीदार



This training has been held equivalent to trainings of similar duration conducted by Human Resource Development Centres of UGC, New Delhi and/or other approved centres of the Central/State Government, for the purpose of Career Advancement Scheme (CAS) promotions of teachers/faculties as well as for the purpose of



SATYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
SCHOOL OF SCIENCE & HUMANITIES
(DEPARTMENT OF PHYSICS)



FACULTY
DEVELOPMENT
PROGRAMS

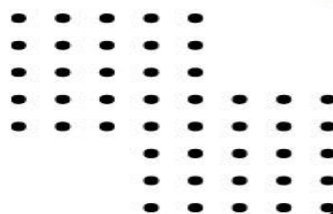
INTERNATIONAL FDP ON
ADVANCE MATERIAL FOR
TECHNOLOGICAL APPLICATIONS

Committee Members

Dr. T. Sasiprabha
(vice cha)

Dr. Rekha Chakravarty
(professor)
Dean arts & science

Dr. S. ravichandran
(Professor & head department of
physics)



DURATION:
24/03/2023 TO 04/04/2023



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

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DEPARTMENT OF PHYSICS

FACULTY DEVELOPMENT PROGRAM



CERTIFICATE OF PARTICIPATION

This certificate is awarded to

Prof. sayyed aorzoo, Assistant Professor, rcpacs, Maharashtra

*for the active participation in the Second International Faculty Development Program on
"Advanced Materials for Technological Applications" organized by the Department of Physics,
Sathyabama Institute of Science and Technology between 24th March to 4th April 2023.*

Dr. T. Sasi Prabha
Vice Chancellor

Dr. Rekha Chakravathy
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Dr. S. Ravi Chandran
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24th March to
29th March 2023**





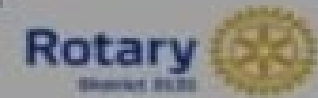
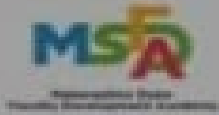
Certificate Of Participation

This is to certify that Dr. Raju Sitaram Pawar has participated in "One Week Online National Workshop on Bibliometric , Literature Review and Statistical Data Analysis" from March 24-29, 2023 organized by HumanBehavtics Private Limited, Gomti Nagar Extension, Sector-1, Lucknow-10, Uttar Pradesh.

E-Certificate Number: : HB-15/29/03/23-25

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Director
HumanBehavtics, Pvt.Ltd.

Ms. Shamistha
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1

Would you like to engage your students better in the learning process?
Would doable tips on how to create student centred, activity oriented classrooms help you?
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Constructivism Is The Key!

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This certificate is awarded to

Manasi Ghanashyam Vaidya यांना हे प्रमाणपत्र देण्यात येते

We appreciate your participation and rich contribution in the successful completion of the programme

Sanrachana - Creating Constructivist classrooms

या कार्यक्रमाच्या यशस्वी पूर्ततेसाठी आम्ही तुमच्या सहभागाची आणि भरीव योगदानाची नोंद घेतो

From 21/11/2022 पासून to / ते 25/11/2022 पर्यंत

at MSFDA, Pune

The programme/training was organised by Maharashtra State Faculty Development Academy, Pune
कार्यक्रम / प्रशिक्षणाचे आयोजन महाराष्ट्र राज्य अध्यापक विकास संस्था, पुणे आणि

in collaboration with Rotary International Pune (RID 3131)

यांच्या सहकार्याने करण्यात आले होते

Dr. Sybil Thomas
General Manager, MSFDA

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programmes/training has been held equivalent to trainings of similar duration conducted by Human Resource Development Centres of UGC, New Delhi and/or other approved institutions/Institutes of the Central/State Government, for the purpose of Career Advancement Scheme (CAS) promotions of teachers/faculties as well as for the purpose of

Mrs. Amruta Arvind Joshi

http://nmu.ac.in/portals/0/PhD/PET2021/Time%20table%20pre-phd%20course%20work%202023_1.pdf

GROUP-I

**Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon
Pre Ph.D. course work February 2023
Workshop on Research Methodology and Research & Publication Ethics (RM-RPE) [Paper I]**

Group-I	Medium of Instructions
Group 1: Science & Technology (All Subjects) , Law (Humanities); Library & Information Science (Interdisciplinary)	ENGLISH

Chairman :Prof. A. P. Dongre, Dean, Commerce & Management

Unit number & title SECTION I Research Methodology	Topic	Date	Time	Name of the resource person	Co-Ordinator	Technical Co-Ordinator	Online Link to Join Workshop
Unit I: Basics of Research and Research Types	Research objectives, Scientific research, Importance of Research Methodology	06/02/2023	09.00 am to 11.00 am	Prof. Medha Deshpande, IITM, Pune	Prof. S. R. Chaudhari	Dr. Ujjwal Patil	Zoom: Click Here
Unit IV: Data Analysis and Interpretation	Editing, Coding, Transcription, Tabulation		11.00 am to 01.00 pm	Prof. S. R. Kolhe, School of Computer Science, KBCNMU, Jalgaon			
Unit II: Review of Literature and Research	Basic Concept and its Need, Literature Search		01.30 pm to 03.30 pm	Prof. A. M. Mahajan, School of Physical Science, KBCNMU, Jalgaon			
Unit II: Review of Literature and Research	Types of Literature Review, Review of Research, Sources, Synthesis Process		03.30 pm to 05.30 pm	Prof. B. L. Chaudhari , School of Life Science, KBCNMU, Jalgaon			
Unit II: Review of Literature and Research	Planning of Review and Documentation	07/02/2023	09.00 am to 11.00 am	Dr. C. G. Bonde, School of Pharmacy & Technology Management, ShirpurDist : Dhule, 425405	Prof. S. R. Chaudhari	Dr. Ujjwal Patil	Zoom: Click Here
Unit III: Research Design	Process, Identification, and Formulation of Problem		11.00 am to 01.00 pm	Prof. Satyendra Mishra, UICT,KBCNMU, Jalgaon			
Unit III: Research Design	Hypothesis, Tools of Research		01.30 pm to 03.30 pm	Dr. V. V. Gite, School of Chemical Science, KBCNMU, Jalgaon			
Unit I: Basics of Research and Research Types	Good Research Practices (GRP), Types of Research and Methods, Surveys, Case Studies, Experiments, and Field Studies, etc.		03.30 pm to 05.30 pm	Prof. S. P. Shekhawat , Dean- Administration, G H Rasoni Institute of Engineering and Management, Jalgaon			

Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon
Pre Ph.D. course work February 2023
Workshop on Research Methodology and Research & Publication Ethics (RM-RPE) [Paper I]

Group-I	Medium of Instructions
Group 1: Science & Technology (All Subjects) , Law (Humanities); Library & Information Science (Interdisciplinary)	ENGLISH

Chairman : Prof. A. P. Dongre, Dean, Commerce & Management

Unit number & title SECTION I Research Methodology	Topic	Date	Time	Name of the resource person	Co-Ordinator	Technical Co-Ordinator	Online Link to Join Workshop
Unit IV: Data Analysis and Interpretation	Introduction to Analytical/Statistical Software (SPSS, MINITAB) and Presentation of Data (Graphical)	08/02/2023	09.00 am to 11.00 am	Dr. S. P. Gite, Dept. of Statistics, Mumbai University, Vidyanagri, Santacruz (E), Mumbai- 400098	Prof. S. R. Chaudhari	Dr. Ujjwal Patil	Zoom: Click Here
Unit V: Statistical Analysis and Report Writing	Regression and Correlation Analysis		11.00 am to 01.00 pm	Dr. R. D. Koshti , School of Mathematical Science, KBCNMU, Jalgaon			
Unit IV: Data Analysis and Interpretation	Introduction to Analytical/Statistical Software (MATLAB) and Presentation of Data (Graphical)		01.30 pm to 03.30 pm	Dr. M. P. Patil, School of Computer Sciences, KBCNMU, Jalgaon			
Unit V: Statistical Analysis and Report Writing	Research Paper Writing		03.30 pm to 05.30 pm	Prof. Satyendra Mishra, UICT,KBCNMU, Jalgaon			
Unit V: Statistical Analysis and Report Writing	Measures of Central Tendency, Dispersion, and Association/Relationship	09/02/2023	09.00 am to 11.00 am	Dr. S.B. Mahadik, Shivaji University, Vidya Nagar, Kolhapur- 416004	Prof. S. R. Chaudhari	Dr. Ujjwal Patil	Zoom: Click Here
Unit V: Statistical Analysis and Report Writing	Hypothesis Testing and Test of Significance		11.00 am to 01.00 pm	Prof. Alka Tripathi, Dept. of Maths., Jaypee Institute Of Information Technology, A-10, Sector-62, , Noida-201 309			
Unit V: Statistical Analysis and Report Writing	Analysis of Variance		01.30 pm to 03.30 pm	Prof. K. K. Kamalja , School of Mathematics Science, KBCNMU, Jalgaon			
Unit V: Statistical Analysis and Report Writing	Thesis Writing, Citation, Referencing Tools		03.30 pm to 05.30 pm	Prin. Dr. G. K. Pathnaik , SSBT., College of Engineering & Technology, ambhori, Jalgaon			

Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon
Pre Ph.D. course work February 2023
Workshop on Research Methodology and Research & Publication Ethics (RM-RPE) [Paper I]

Group	Medium of Instructions
Group I: Science & Technology, Law (Humanities); Library & Information Science (Interdisciplinary)	ENGLISH

Pre-PhD Course work Parallel Lecture Schedule as per GROUPS

Chairman : Prof. A. P. Dongre, Dean, Commerce & Management

Parallel Lecture Groups	Topic	Date	Time	Name of the resource person	Co-Ordinator	Technical Co-Ordinator	Online Link to Join Workshop
1. Science group (All Science Subjects) 2. Technology group (All Engineering Subjects)	Formulation of Research Problem	10/02/2023	09.00 am to 11.00 am	Dr. N. D. Dandi, School of Life Sciences, KBCNMU, Jalgaon	Prof. S. R. Chaudhari	Dr. Sandip Bhamre/ Dr. Ujjwal Patil	Zoom: Click Here
	Framing of Research Statements		11.00 am to 01.00 pm	Dr. Rajib Chattopadhyay, Indian Institute of Tropical Meteorology, Pune			
	Research Process		01.30 pm to 03.30 pm	Prof. D. M. Phase, Centre Director (O) & Scientist, UGC-DAE Consortium for Scientific Research, Indore			
	Research Analysis		03.30 pm to 05.30 pm	Prof. M. R. Joshi, School of Computer Science, KBCNMU, Jalgaon			
3. Pharmacy group	Formulation of Research Problem	10/02/2023	09.00 am to 11.00 am	Dr. R. P. Bhole, Pune ritesh.bhole@dypup.edu.in M.No.9890904939	Prin. Dr. S. B. Bari, Shirpur	Dr. Pravin Patil, Shirpur	Zoom: Click Here
	Framing of Research Statements		11.00 am to 01.00 pm	Dr. C. R. Patil, Shirpur xplore.remedies@gmail.com M. No. 9823400240			
	Research Process		01.30 pm to 03.30 pm	Dr. Ketan Ranch, LMCP, Ahmedabad Ketan.ranch@lmcp.ac.in M. No. 9925475599			
	Research Analysis		03.30 pm to 05.30 pm	Prin. Dr. S. B. Bari, Shirpur drsbbari@gmail.com M.No.9423918027			



**KAVAYITRI BAHINABAI CHAUDHARI
NORTH MAHARASHTRA UNIVERSITY, JALGAON**

CERTIFICATE

This is to certify that

AMRUTA ARVIND JOSHI

has been provisionally registered for the Ph.D. program under the faculty of

SCIENCE AND TECHNOLOGY

and attended the Pre-Ph.D. Course work on

Paper - I (PHD 001): Research Methodology and Research & Publication Ethics (RM-RPE),
organized online by the University during, **06 FEBRUARY 2023 - 13 FEBRUARY 2023**

Prof. AP Dongre
Dean (Commerce & Management)
Chairman, Pre-Ph.D. Course work
(February-2023)

Prof. ST Ingle
Pro-Vice Chancellor



LOKMANAYA TILAK JANKALYAN SHIKSHAN SANSTHA'S
PRIYADARSHINI COLLEGE OF ENGINEERING, NAGPUR
DEPARTMENT OF APPLIED PHYSICS



CERTIFICATE OF PARTICIPATION

This is to certify that Dr./Mr./Ms. Dr. Mohini P. Patil
of R. C. Patel ACS College, Shirpur *College/Industry has participated*
in **SPECTRUM : ONE WEEK ONLINE-MULTIDISCIPLINARY SHORT TERM TRAINING**
PROGRAM on "UPDATES IN TEACHING LEARNING TECHNIQUES AND
RESEARCH" *organised by Department of Applied Physics,*
Priyadarshini College of Engineering, Nagpur
during **19 - 23 December 2022.**

MR. SATISH TIWARI
CO-CONVENER

DR.(MRS) SUWARNA.M.SAWDE
CONVENER

DR.(MRS) DEVASHREE S. HARDAS
HEAD OF THE DEPARTMENT

DR. G.M. ASUTKAR
VICE PRINCIPAL

DR. S.A. DHALE
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ON PROBLEM SOLVING
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**Dr.Dadasaheb
Salunkhe
FDP
Coordinator**

**Dr. U.V.Panchal
Principal**

DURATION:

**10th Oct
to
15th oct 2022**

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VINAYAKRAO PATIL MAHAVIDYALAYA, VAJJAPUR.

DIST. AURANGABAD – 423701 (M.S.)

NAAC ACCREDITED 'A' GRADE WITH CGPA 3.33



C E R T I F I C A T E

This is to certify that, Dr. Shirsath Leena Popatrao, from R. C. Patel Arts, Commerce and Science College,

Shirpur has participated and successfully completed the Faculty Development Program on

“Problem Solving and Decision Making Skills with ICT”, from 10th to 15th Oct. 2022

Dr. Dadasaheb Salunke

FDP Coordinator

Dr. U. V. Panchal

Principal

Dr. Pralhad Yadav Magare

HRDCALLAHABAD <hrdcaugeo2002@rediffmail.com>

Nov 18,
2022,
3:34 PM



to anandalet2@gmail.com, sadafmalik849@gmail.com, moumitamondal1423@gmail.com, d rarchanasharma429@gmail.com, sasankaghoshsg@gmail.com, manishadeshpande35@gmail.com, chavanrp22@gmail.com, vspawar1976@gmail.com, jitendranegi496@gmail.com, thak urtriveni02@gmail.com, me, gajendra.namdeo@gmail.com, sarkarrashmi430@gmail.com, a nushreejoshi2010@gmail.com, ganeshrathor730@gmail.com, navamallikasharma@gmail.com, namrata16984@gmail.com, antiwary2000@gmail.com, bhawanamahule123@gmail.com, balasahebchakor01@gmail.com, dranilsangwan73@gmail.com, rajibhazarika133@gmail.com, kumardinesh.bhu2014@gmail.com, dalal.padma@gmail.com, priti1311kumari@gmail.com, sachin.pise@avc.ac.in, bojarajugeo@gmail.com, gkharadi@ymail.com, sangeetasirohi36@gmail.com, saurabhsinghal431@gmail.com, rkrakrak05@gmail.com, senthilvelanap@gmail.com, lalithagbas@gmail.com, prashant.dahate1978@gmail.com, apsinghgeo@gmail.com, p rasamitasarkar@gmail.com, maks867@manipuruniv.ac.in, vishunathgeo@gmail.com, ankita yadav6943@gmail.com, dalal5026@gmail.com, martoliagpr@gmail.com, atuldubey11987@gmail.com, sas060685@gmail.com, sarvju@gmail.com, suryaprakash.geo@gmail.com, loki .ashish@gmail.com

Dear Colleague,

With reference to your application, we are happy to inform you that you have been **PROVISIONALLY SELECTED** as a participant of the **Online Refresher Course in Geography** of UGC-Human Resource Development Centre, University of Allahabad, subject to the terms and conditions specified in the attached file. Your participation in the course will signify your acceptance of the said terms and conditions (Please find Attached files). The Refresher Course will run **ONLINE from Monday, November 28 to Sunday, December 11 2022** (both dates included). **It is mandatory to submit the scanned copy of the relieving certificate issued from the concerned authority before November 28, 2022 (10.00AM). Submit the certificate on hrdcaugeo2022@rediffmail.com. Please mention Refresher Course in Geography and your name as the subject of your email ([proforma](#) attached).**

Kindly confirm your participation /non-participation by RETURN EMAIL (mention your name and the name of institution).

We are confident that you will contribute to the success of the Programme and find the experience valuable.

Prof. A. R. Siddiqui
Course Coordinator

Prof. Ashish Saxena
Director

List of Participants

S. No.	Name of Applicant (Capital Letters)	Name of the University/Institution
1	ANANDA LET	ASANSOL GIRLS' COLLEGE
2	SADAF	VEER KUNWAR SINGH UNIVERSITY, ARA, BHOJPUR, BIHAR
3	MOUMITAMONDAL	RAMMOHAN COLLEGE
4	DR. ARCHANA	SSSTS GOVERNMENT DEGREE COLLEGE NAINIDANDA PAURI GARHWAL UTTARAKHAND
5	SASANKA GHOSH	KAZI NAZRUL UNIVERSITY
6	MANISHA KRISHNARAO DESHPANDE	JAGAT ARTS, COMMERCE & INDIRABEN HARIHARBHAI PATEL SCIENCE COLLEGE, GOREGAON.
7	MR. RAMESH PUNAJI CHAVAN	S.S.V.P.S'S. LATE S. D. PATIL ALIAS BABURAO DADA ARTS, COMMERCE AND LATE BHAUSAHEB M. D. SISODE SCIENCE COLLEGE, SHINDKHEDA.
8	DR. VISHAL SUBHASH PAWAR	S.S.V.P.S'S. LATE S. D. PATIL ALIAS BABURAO DADA ARTS, COMMERCE AND LATE BHAUSAHEB M. D. SISODE SCIENCE COLLEGE, SHINDKHEDA.
9	DR. JITENDRA KUMAR NEGI	RAATH MAHAVIDYALAYA, PAITHANI.
10	SMT. TRIVENI THAKUR	GOVERNMENT COLLEGE PATHARIA DAMOH
11	MR. PRALHAD YADAV MAGARE	KBC NORTH MAHARASHTRA UNIVERSITY, JALGAON MAHARASHTRA
12	GAJENDRA KUMAR NAMDEO	GOVERNMENT COLLEGE PATHARIYA, DISTRICT DAMOH
13	RASHMI SARKAR DUDHNOI	DUDHNOI COLLEGE
14	DR. ANUSHRI K JOSHI	SHRI HKARTS COLLEGE
15	GANESH RATHOR	VIKRAM UNIVERSITY UJJAIN M.P.
16	NAVAMALLIKA SHARMA	NANDA NATH SAIKIA COLLEGE, TITABAR
17	NAMRATA CHOWDHARY	GOVERNMENT DEGREE COLLEGE R.S.PURA (JAMMU)
18	DR. AKHILENDRANATH TIWARY	SARDAR VALLABHBHAI PATEL COLLEGE BHABUA A CONSTITUENT UNIT OF VKSU ARA BIHAR
19	DR. BHAWANA MAHULE	GOVT. V. Y. T. P. G. AUTONOMOUS COLLEGE DURG (C.G.)
20	BALASAHEB RAGHUNATH CHAKOR	K.V.N.NAIK ARTS, COMMERCE & SCIENCE COLLEGE NASHIK, MAHARASHTRA
21	ANIL KUMAR	GOVERNMENT COLLEGE FOR WOMEN BADHRA, DISTRICT CHARKHIDADRI
22	DR. RAJIB HAZARIKA	PUB DIKONG COLLEGE
23	DR. DINESH KUMAR	GOVT. M. G. M. POSTGRADUATE COLLEGE
24	DR. PADMA DALAL	GCW SAMPLA
25	PRITI KUMARI	SIR CHHOTURAM GOVT COLLEGE FOR WOMEN

		SAMPLA
26	SACHIN KANTILAL PISE	VIDYAVARDHINIS ANNASAHEB VARTAK COLLEGE OF ARTS, KEDARNATH MALHOTRA COLLEGE OF COMMERCE AND E.S.ANDRADES COLLEGE OF SCIENCE, VASAI ROAD WEST
27	BHOJARAJA G	SRID DEVARAJA URS GOVERNMENT FIRST GRADE COLLEGE, HUNSUR 571105
28	DR. GOPAL SINGH KHARADI	VIKRAM UNIVERSITY UJJAIN
29	SANGEETA SIROHI	DAYANAND GIRLS PG COLLEGE
30	SAURABH SINGHAL	D.S.M. DEGREE COLLEGE, KANTH, MORADABAD
31	RAKESH KUMAR	MURARKA COLLEGE, SULTANGANJ, TMBU, BHAGALPUR
32	A. SENTHILVELAN	KUNTHAVAI NAACCHIYAAR GOVERNMENT ARTS COLLEGE FOR WOMEN (AUTONOMOUS)
33	LALITHA G	GOVT FIRST GRADE COLLEGE NANJANAGUDU MYSORE
34	DR PRASHANT DAHATE	R.S.S.U.CHHINDAWARA M.P.
35	DR. ARUN PRATAP SINGH	S. P. M. GOVT. DEGREE COLLEGE, PHAPHAMAU
36	PRASAMITA SARKAR	ICV COLLEGE
37	DR SHABINA HUSSAIN	MANIPUR UNIVERSITY
38	DR. VISHWANATHA H R	UNIVERSITY OF MYSORE
39	DR. ANKITA	GOVT. COLLEGE FOR GIRLS UNHANI
40	DEEPAK	GOVERNMENT COLLEGE, NALWA (HISAR)
41	DR MURLI SINGH	H.V.M (P.G) COLLEGE RAISI, HARIDWAR,
42	DR ATUL KUMAR DUBEY	HARSH VIDYA MANDIR (P.G)COLLEGE RAISI HARIDWAR UTTARAKHAND
43	SANDHYA SOLANKI	JAWAHARLAL NEHRU SMIRITI GOVT. PG COLLEGE SHUJALPUR
44	DR. SARVJEET SINGH	GOVT. DEGREE COLLEGE, DODA, UT OF JAMMU AND KASHMIR
45	SURYA PRAKASH TIWARI	A N D KISAN P G COLLEGE
46	DR. LOKINDER SINGH	CLUSTER UNIVERSITY OF JAMMU

NOC/Relieving Letter

This is to certify that

Dr./Mr./Mrs./Ms./ Pralhad Yadav Magare

..... is eligible to participate in the **Refresher Course in Geography** (November 28, 2022 to December 11, 2022) of UGC- Human Resource Development Centre, University of Allahabad as per UGC-HRDC rules and regulations. Under UGC notification on "Revision of pay scales and minimum qualifications for appointment of teachers in Universities and Colleges and other measures for maintenance of standards" for placement in senior scale, the applicant is required to participate in the **Refresher Course**.

He/She is being relieved on 28.11.2022 to join the **Refresher Course in Geography** of UGC-HRDC, University of Allahabad.

R. C. Patil

Signature of the
Director/Principal/Head/Registrar with seal
R.C. Patil Arts, Comm. & Sci. College
Shirpur, Dist. Dhule 425 409



Certificate No. 478

UNIVERSITY GRANTS COMMISSION



UGC – HUMAN RESOURCE DEVELOPMENT CENTRE UNIVERSITY OF ALLAHABAD

UGC SPONSORED REFRESHER COURSE

CERTIFICATE

This is to certify that Dr./Mr./Mrs./Ms. Pralhad Yadav Magare, Associate Professor, Department of Geography, R. C. Patel Arts, Commerce and Science College, Shirpur, Dhule affiliated to K. B. C. North Maharashtra University, Jalgaon participated in the Online “Refresher Course in Geography” from November 28, 2022 to December 11, 2022 and obtained Grade A.


Prof. Ashish Saxena
Director


Prof. A. R. Siddiqui
Course Coordinator


Prof. N.K. Shukla
Registrar

Issued on
11 December, 2022

CHIEF PATRONS

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Smt. Asha Chaturvedi, Secretary, LTSS, Nagpur Hon'ble Shri.
Dhyan Chaturvedi, Director (GR), LTSS, Nagpur Hon'ble Smt.
Shobha Chaturvedi, Member (GR), LTSS, Nagpur Hon'ble Mr.
Abhijit Dhadwadik, Director, LTSS, Nagpur

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Dr. S. A. Dhabe, Principal, PCE, Nagpur.
Dr. G. M. Anshar, Vice-Principal, PCE, Nagpur.

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Mob. 9822562696

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Dr. V. K. Hanthorn, Asst. Professor, PICE, Nagpur Dr. B.
N. Karkade, Asst. Professor, PICE, Nagpur Prof. R. N.
Jogekar, Asst. Professor, PICE, Nagpur
Prof. R. H. Mhankar, Asst. Professor, PICE, Nagpur

Venue

PRIVADARSHINI J. L. COLLEGE OF ENGINEERING, NAGPUR
846, New Nandanvan, Nagpur, Maharashtra, India-440024

The International Conference on
UPDATES IN TEACHING LEARNING
TECHNIQUES AND RESEARCH
19th – 23rd December, 2022

Organized by
Lokmanya Tilak Jankalyan Sankalpan Sanstha's
PRIVADARSHINI J. L. COLLEGE OF ENGINEERING
846, New Nandanvan, Nagpur, Maharashtra, India-440024
Website: www.pjce.edu.in

ABOUT THE COLLEGE:

Priyadarshini J. L. College of Engineering is one of the promising institution of Nagpur & accredited by NAAC with A grade. It has achieved an eminent place in the Nagpur region in a very short span of time. It is an off-shoot of the prestigious education society, LTSS, Nagpur. The Sanstha has created the niche in the segment of engineering and technical education through its Engineering colleges, An Architecture College, Management, Pharmacy College, polytechnic and many more other educational institutions. 360 degree development is demand of time, so, we are committed to transform the students into enlightened young professionals ready to face the challenges of society and industry. Our objective is to prepare the students to deal with the real world issues and encourage them to grab the opportunities to become master in their chosen fields. The institute is successfully growing and molding the students into complete individuals who are competent enough in meeting global industry challenges.

ABOUT THE CONFERENCE

Welcome to the Innovation in Engineering, Technology, Science & Humanities for **Updates in Teaching Learning Technique and Research** Which will be held at Priyadarshini J.L.College of Engineering, 846 Nandanvan, Nagpur from **19th to 23rd December 2022.**

OBJECTIVE:

The rapid changes and increased complexity of today's world present new challenges and put new demands on our education system. There has been generally a growing awareness of the necessity to change and improve the preparation of students for productive functioning in the continually changing and highly demanding environment. In confronting this challenge it is necessary to consider the complexity of the education system itself and the multitude of problems that must be addressed. Clearly, no simple, single uniform approach can be applied with the expectation that significant improvements of the system will occur.

Indeed, any strategy for change must contend with the diverse factors affecting the education system, the interactions of its parts, and the intricate interdependencies within it and with its environment.

AREAS COVERED (Detailed List)

- Integrating the commonly polarized goals of education; i.e. the goal that focuses on transmitting knowledge with the goal that emphasizes the development of the individual student.
- Adapting teaching to different student characteristics by using diverse methods of teaching. Adaptation to the ability levels, patterns of different abilities, learning styles, personality characteristics, and cultural backgrounds.
- Integrating the curriculum by developing inter-disciplinary curriculum units that enable students to acquire knowledge from different disciplines through a unifying theme while having the opportunity to contribute in different and special ways to the objectives of the integrated units.

CONFERENCE REGISTRATION & REGISTRATION FEES

Register for the conference by paying the following registration charges.
Registration Fees : 1000 INR

Payment for participation & Publication can be done at

Bank Details:-
Bank Name : Punjab National Bank Account No : 408000100020518
IFSC : PUNIB040800 MICR : 440024019
Branch : Nandanvan, Nagpur Account Name : LTSS

Important Dates:
Last Date for Registration : 15 December 2022
Email: kon@pjce.edu.in - (Conference paper should be submitted to this mail)



LOKMANAYA TILAK JANKALYAN SHIKSHAN SANSTHA'S

PRIYADARSHINI COLLEGE OF ENGINEERING, NAGPUR



DEPARTMENT OF APPLIED PHYSICS



CERTIFICATE OF PARTICIPATION

*This is to certify that Dr./Mr./Ms. Mr. Gopal K. Bide
of R. C. Patel A.C.S College, Shirpur College/Industry has participated
in **SPECTRUM : ONE WEEK ONLINE-MULTIDISCIPLINARY SHORT TERM TRAINING
PROGRAM** on "**UPDATES IN TEACHING LEARNING TECHNIQUES AND
RESEARCH**" organised by Department of Applied Physics,
Priyadarshini College of Engineering, Nagpur
during **19 - 23 December 2022.***

MR. SATISH TIWARI
CO-CONVENER

DR. (MRS) SUWARNA.M.SAWDE
CONVENER

DR. (MRS) DEVASHREE S. HARDAS
HEAD OF THE DEPARTMENT

DR. G.M. ASUTKAR
VICE PRINCIPAL

DR. S.A. DHALE
PRINCIPAL



Mountains 101
University of Alberta

Course Material

- Module 1
- Module 2
- Module 3
- Module 4
- Module 5
- Module 6
- Module 7
- Module 8
- Module 9
- Module 10
- Module 11
- Module 12

Grades

Notes

Discussion Forums

Messages

Resources

Course Info

deadlines.

[Reset my deadlines](#)

Mountains 101

by University of Alberta

About this Course

Mountains 101 is a broad and integrated overview of the mountain world. This 12-lesson course covers an interdisciplinary field of study focusing on the physical, biological, and human dimensions of mountain places in Alberta, Canada, and around the world. Specifically, we'll study the geological origins of mountains, how they're built-up and worn-down over time; we'll learn about their importance for

[More](#)



Taught by: **Zac Robinson**, Associate Professor
Physical Education & Recreation



Taught by: **David Hik**, Professor
Biological Sciences

Commitment	12 weeks of study, 3-5 hours/week
Language	English, Subtitles: Arabic, French, Bengali, Ukrainian, Chinese (Simplified), Greek, Italian, Portuguese (Brazil), Vietnamese, Dutch, Korean, German, Pashto, Urdu, Russian, Thai, Indonesian, Swedish, Turkish, Azerbaijani, Spanish, Dari, Hindi, Japanese, Kazakh, Hungarian, Polish
How To Pass	Pass all graded assignments to complete the course.
User Ratings	★★★★☆ Average User Rating 4.9

Syllabus



Mountains 101
University of Alberta

Course Material

- ✓ Module 1
- ✓ Module 2
- ✓ Module 3
- ✓ Module 4
- ✓ Module 5
- ✓ Module 6
- ✓ Module 7
- ✓ Module 8
- ✓ Module 9
- ✓ Module 10
- ✓ Module 11
- ✓ Module 12

Grades

Notes

Discussion Forums

Messages

Resources

Course Info

Syllabus

Module 1

Lesson 1: Why Mountains Matter

In this introductory lesson, you will learn why mountain environments are relevant to people all around the globe. We'll also define just what a "mountain" is in order to show why it is useful to think about mountains from various perspectives. TechTip: Your feet are your vehicle

4 videos, 3 readings [expand](#)

Graded: Lesson 1

Module 2

Lesson 2: Origins

In Lesson 2, we discuss why mountains are located where they are. How did they get there? We'll explore the physical origins of mountains, theories of mountain building, and how our changing ideas about mountains and their genesis have shaped our engagement with them. TechTip: Dress for success

5 videos, 2 readings [expand](#)

Graded: Lesson 2

Module 3

Lesson 3: Climate

Mountains influence climate and weather at both global and local scales. In Lesson 3, we will examine how elevation affects atmospheric processes, and discuss an ecological manifestation of mountain climate: the alpine tree line. TechTip: What goes in your pack?

4 videos, 2 readings [expand](#)

Graded: Lesson 3



**UNIVERSITY OF
ALBERTA**

Jan 24, 2022

Pralhad Yadav Magare

has successfully completed

Mountains 101

an online non-credit course authorized by University of Alberta and offered through
Coursera

**COURSE
CERTIFICATE**



Zac Robinson

Zac Robinson, PhD
Associate Professor
Physical Education and Recreation

David S Hik

David S Hik, PhD
Professor
Biological Sciences

Verify at coursera.org/verify/56FY2RLADZ55
Coursera has confirmed the identity of this individual and their
participation in the course.

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 Sant. Abha Chaturvedi, Secretary, LTSS, Nagpur Hon'ble Shri.
 Dhanraj Chaturvedi, Director (GR), LTSS, Nagpur Hon'ble Sant.
 Shantil Chaturvedi, Member (GR), LTSS, Nagpur Hon'ble Mr.
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 Dr. S. A. Dhule, Principal, PCC, Nagpur.
 Dr. G. M. Aothkar, Vice-Principal, PCC, Nagpur.

PROGRESSIVE CLASSES

Dr. S. A. Dhule, Principal, PCC, Nagpur

CONVENER

Dr. K. S. Gaur, Dean-First Year and Incharge R & D Cell PCCOE, Nagpur
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 M. G. Gaur, Head, Civil Engrg. Deptt., PCCOE, Nagpur Dr. A. D.
 Saw. Training & Placement Officer, PCCOE, Nagpur
 Dr. V. K. Mathur, Asst. Professor, PCCOE, Nagpur Dr. B.
 N. Khatke, Asst. Professor, PCCOE, Nagpur Prof. R. N.
 Jagtap, Asst. Professor, PCCOE, Nagpur
 Prof. R. H. Mohankar, Asst. Professor, PCCOE, Nagpur

VENUE

PRİYADARSHINI J. L. COLLEGE OF ENGINEERING, NAGPUR
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The International Conference on UPDATES IN TEACHING LEARNING TECHNIQUES AND RESEARCH

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 Branch : Nandavran, Nagpur Account Name : LTSS

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 Email: kv@rajag@pjce.edu.in → (Conference paper should be submitted to this mail)



LOKMANAYA TILAK JANKALYAN SHIKSHAN SANSTHA'S

PRIYADARSHINI COLLEGE OF ENGINEERING, NAGPUR



DEPARTMENT OF APPLIED PHYSICS



CERTIFICATE OF PARTICIPATION

*This is to certify that Dr./Mr./Ms. **Miss. Kavita S. Sisodiya***
*of **R. C. Patel A.C.S College, Shirpur** College/Industry has participated*
*in **SPECTRUM : ONE WEEK ONLINE-MULTIDISCIPLINARY SHORT TERM TRAINING***
*PROGRAM on "**UPDATES IN TEACHING LEARNING TECHNIQUES AND***
***RESEARCH**" organised by Department of Applied Physics,*
Priyadarshini College of Engineering, Nagpur
*during **19 - 23 December 2022.***

MR. SATISH TIWARI
CO-CONVENER

DR.(MRS) SUWARNA.M.SAWDE
CONVENER

DR.(MRS) DEVASHREE S. HARDAS
HEAD OF THE DEPARTMENT

DR. G.M. ASUTKAR
VICE PRINCIPAL

DR. S.A. DHALE
PRINCIPAL

Verb Tenses and Passives

by University of California, Irvine



Verb Tenses and Passives

University of California, Irvine

Course Material

- ✓ Module 1
- ✓ Module 2
- ✓ Module 3
- ✓ Module 4

Grades

Notes

Messages

Course Info

About this Course

This is the first course in the Learn English: Advanced Grammar and Punctuation specialty. In this course, you will review the verb tenses that you learned in beginning English classes and learn about a few tenses you may not know very well. In all, you'll cover all 12 of the English verb tenses and passive verb forms. Most importantly, you'll learn how to blend these tenses, which is what native speakers frequently do. This course is vital to your becoming a more fluent English speaker.

Please note that the free version of this class gives you access to all of the instructional videos and handouts. The peer feedback and quizzes are only available in the paid version.

[Show less](#)



Taught by: Tamy Chapman, Instructor,
International Programs
University of California Irvine Division of Continuing
Education



Taught by: Nicole Jacobs, Instructor, International
Programs
University of California Irvine Extension



Taught by: Brad Gilpin

UCI

Verb Tenses and Passives
University of California, Irvine

Course Material

- Module 1
- Module 2
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- Module 4

Grades

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Course Info

Syllabus

Module 1

Simple, Progressive, and Perfect Verb Tenses Review

In the first week of this course, you will get to know your classmates and review the verb tenses of English that you have probably learned before. It's always important to review and make sure your foundation is solid before learning new grammar. Use this week to fill in any gaps you have in your understanding of nine verb tenses of English.

7 videos, 11 readings, 5 practice quizzes [expand](#)

Graded: Verb Tense Review Assignment

Graded: Graded Quiz

Module 2

Perfect Progressive Tenses

This week, you'll learn about the final three verb tenses in English. Then you will be familiar with all 12 English verb tenses. These will combine the perfect tenses with the progressive tenses. Because you already know those tenses, learning these new ones should be fairly easy.

4 videos, 6 readings, 3 practice quizzes [expand](#)

Graded: Perfect Progressive Assignment

Graded: Graded Quiz

Module 3

Passives and Perfect Modals

In this week, you'll learn about some more complicated verbs. Passives and perfect modals will take what you already know about verb tenses and add some more layers to it. Studying these will improve your fluency in written and spoken English.

6 videos, 8 readings, 4 practice quizzes [expand](#)

Graded: Modals and Passives Assignment

Graded: Graded Quiz

Module 4

Blending Tenses

In the final week of the course, you'll learn about one of the most difficult but necessary aspects of verb tenses. You will learn how to blend or mix them to talk about the past, present, and future naturally. Learning to do this will help you become a more fluent speaker and writer of English.

5 videos, 10 readings, 4 practice quizzes [expand](#)

Graded: Final Mixed Verb Assignment

Graded: Graded Quiz

[View List](#)

UCI Division of Continuing Education

Jun 27, 2022

Rajanikant Vasant Sonar

has successfully completed

Verb Tenses and Passives

an online non-credit course authorized by University of California, Irvine and offered through Coursera



Tamy Chapman
Nicole Jacobs

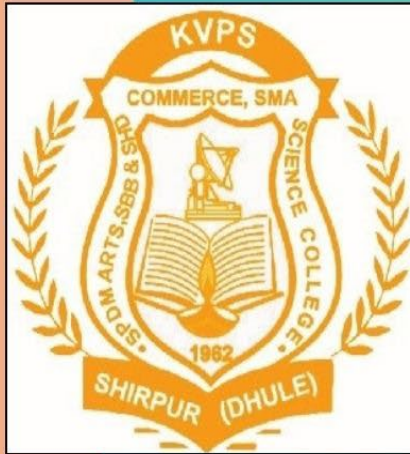
COURSE
CERTIFICATE



Verify at:

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Coursera has confirmed the identity of this individual and their participation in the course.



SPDM Arts, Commerce & Science College - Shirpur

MANAGEMENT DEVELOPMENT PROGRAM ON AUDIT SYSTEM

Duration: 11sept to 12 sept 2022

Dr.D..D Bhakkad

IQAC Coordinator

Dr.V.M.Patil

Principal & Chief Convener



S.P.D.M. College
Vimal Nagar, Shree Nagar, Shirpur, Maharashtra 425405





Kisan Vidya Prasarak Sanstha's
S.P.D.M ARTS, S.B.B & S.H.D. Commerce and S.M.A
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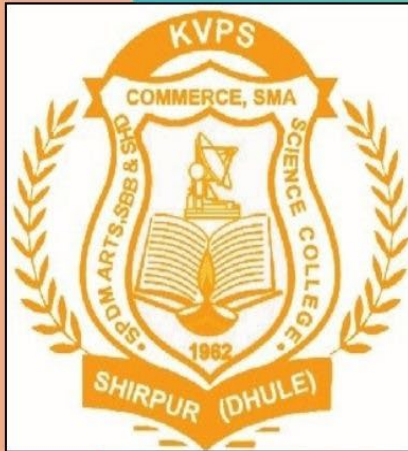
Management Development Program

Certificate

This to certify that, **Mr. Sanjay Madaku More** of R. C. Patel Arts, Commerce and Science College, Shirpur has participated in two days Management Development Program on "**Audit System**" organized by S.P.D.M ARTS, S.B.B & S.H.D. Commerce and S.M.A Science College, Shirpur held on 11th Sept. to 12 Sept. 2022.

Dr. D. D. Bhakkad
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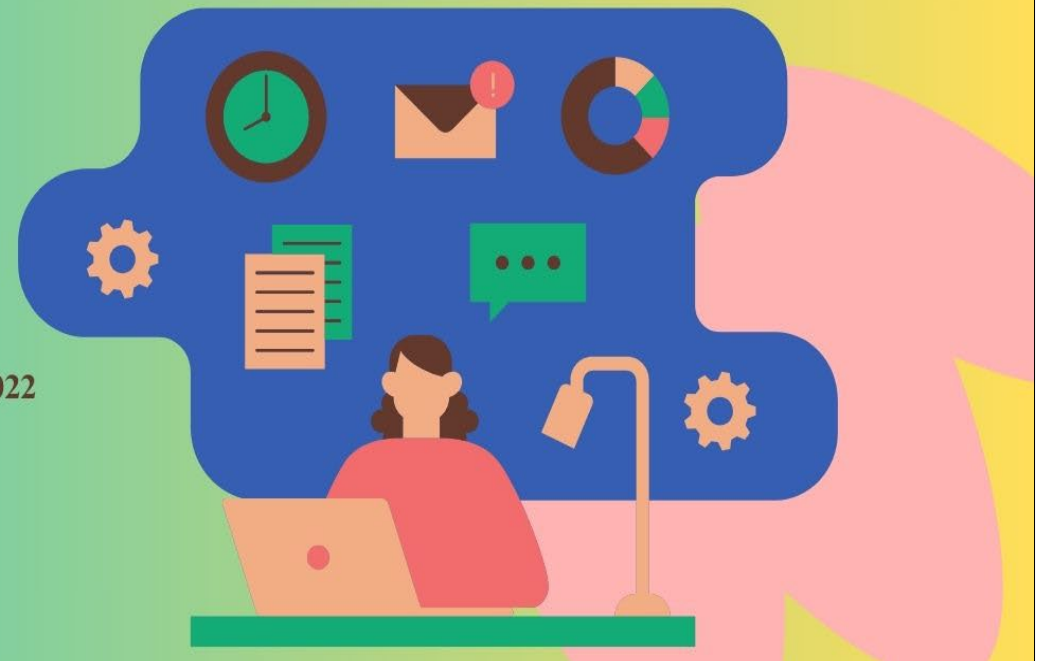
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This to certify that, **Mr. Sandesh Ravindrasing Rajput** of R. C. Patel Arts, Commerce and Science College, Shirpur has participated in two days Management Development Program on "**Audit System**" organized by S.P.D.M ARTS, S.B.B & S.H.D. Commerce and S.M.A Science College, Shirpur held on 11th Sept. to 12 Sept. 2022.

Dr. D. D. Bhakkad
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