

JOURNEY OF NATIONAL ICT AWARDEE TEACHER



Ramesh Prasad Badoni
Lecturer Physics
Government Inter College Misras Patti
Dehradun Uttarakhand



Web page: <http://physicsanrakshanam.com/>
Bloggers: <http://intercollegemisras.blogspot.com/>
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Profile:

Testimonial Video: [Click Here](#)



When I started thinking about why to be a teacher or teacher- educator, I just remembered my high school days when I used to spend almost every hour in the help of my mother's work, but I never really hated school because of my teacher's help and blessings. I started my career as a Reservoir Engineer in ONGC Ltd but the spark of be a teacher forced me to quit to become a teacher for the students those are like me as I was. In the journey of my 15 years of teaching profession I am just dedicating my services for the wellbeing of my student. Now I feel myself responsible for creating and innovating the technique to attain the knowledge and skills of a young kids' future objectives. I strongly believe in deliver quality – education by helping a unique individual. I feel myself lucky that I am in Remote, Socially and Economically challenged hilly areas of Uttarakhand State and serving for the young minds. I encouraged students to assume a very active responsibility for their own learning. My students enthusiastically made strategic choices, reflected on their learning processes, collaborated often, and submitted constant input. Every one of my students knew what we were learning, why we were learning it, and how it applied to the world beyond the classroom.





Educational Qualification:



- **Master degree(M.Phil.),Nanotechnology**
- **Post Graduate in Physics with Electronics**
- **Master degree in Education(M.Ed.)**
- **Graduated in Education(B.Ed.)**
- **MBA in Educational Technology**
- **Graduated in Physics,mathematics and chemistry**





ICT and Computer Skills:



- Handling of ICT tools in Classroom teaching
- Google certified teacher for usage of technology in school management
- Microsoft Innovative Expert and MIEE 2021
- Web Designing and publishing
- Innovative use of 21st century skills in classroom management
- E-content development (using graphics, animation and multimedia)
- Development of MOOCS at Swayam platform for physics
- Learning Management System(LMS) administration





Resource facilitation Skills:



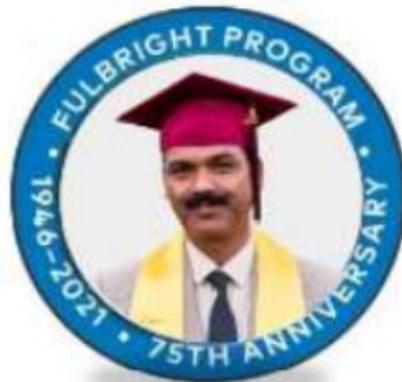
- **Direct Trainer Skill(DTS)**
- **Design of Training(DoT)**
- **Evaluation of Training(EoT)**
- **E-content Reviewer and evaluator with NCERT-CIET**
- **Implementation of Open Educational Resources (OERs) in teaching**
- **Diploma and certified ICT teacher by CIET-NCERT**





ACHIEVEMENTS

- Fulbright Distinguish teacher Fellowship award for international teacher 2021 by USA (IREX-ECA) at present working as a fellow with ASU Tempe AZ USA.
- National Teacher award 2019 by President Shri Ram Nath Kovind Government of India.
- National ICT Award 2012 by President Shri Pranab Mukherjee Government of India.
- Teacher Supervisor and Mentor for Japan Science Sakura Programme (JST May -19).

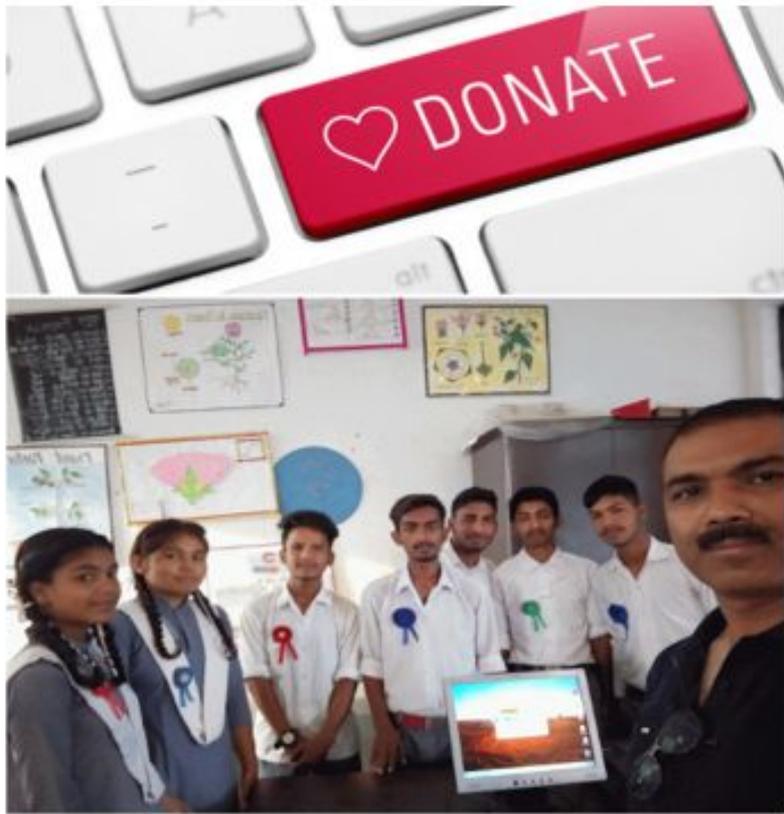


Development Of E-Contents, Textbooks, Teacher Handbooks For SCERTs, Boards

- Online course subject matter expert for classes 11-12 for the physics
<https://archive.swayam.gov.in/courses/3488-physics-03>
- ICT Hand Book for elementary School Teachers for Uttarakhand State published by DIET Dehradun.
- ICT Training Module for RIE Ajmer under MHRD, India 2018
 - ICT Curriculum and course for Students by CIET-NCERT 2016,2017,2018
 - ICT Curriculum and course for Teachers by CIET-NCERT 2016,2017,2018
 - ICT induction and refresher course 2017, 2018
- E – content development for Science and Physics at DIKSHA PORTAL by NUEPA, 2018.
<https://diksha.gov.in/>
- Online evaluation of teachers training of Uttarakhand state 2017
<https://ssauttarakhand.blogspot.com/>
- Development of Video Lesson for classroom teaching from 2017 onwards.
<http://intercollegemisras.blogspot.com/2019/02/process-of-induction.html>
- Project on Understanding of concepts of Dimension from 2D to 3D,
<http://physicssanrakshanam.com/development-of-geometrical-shapes-2d-3d-using-ict-tools/>



ENCOURAGE COMMUNITY CONTRIBUTION



<https://intercollegemisras.blogspot.com/2019/07/computer-desktop-assembly-with-sound.html>



NEW BLOCK PROGRESSING UP-TO ROOF LEVEL

MAKE YOUR SCHOOL'S BRAND FOR COMMUNITY MEMBERS VISIBLE AND LIVE FOR SOCIETY.

When people walk into your school, they should immediately see *and* feel the school's culture. This can start with visuals like photographs of staff and students, quotes that represent the school's beliefs about learning, student work on the walls, or even a mission statement clearly displayed. Create the sense that a family lives and works in the space by making hallway and classroom spaces visibly branded, warm, and engaging.

So our teachers and community had an meet and attempt towards the new space for student because they don't have the now to get fully engage for their routine classes as and when it happens in school.

out attempts are that when students and staff arrive at school, they should feel a sense of pride, ownership, and community.

I hope this will be an attempt of contribution by staff and PTA and every single student are contributing for the school development from their best assets.



GIC CHHARBA AT A GLANCE

January 3, 2016 RameshBadoni GIC CHHARBA 0





- Innovative Experiments (Like Use Of ICT, Joyful Learning Technique)
- Day To Day Teaching Activities Including Teaching Learning
- Impact Of Innovations/Experiments



PHYSICSSANRAKSHANAM.COM

A WEBSITE FOR PHYSICS LOVERS

MY MISSION EDUCATION INCLUSION OF TECHNOLOGY IN EDUCATION सुनकरासुकरा रिगुन रीगु वररर GIC MISRAS GIC CHHARBA

PHYSICS ICT CULTURE PRESERVATION MY STUDENTS: DAILY PROGRESS LOG SCHOOL DREAM DOCUMENTARY MY BLOG

AWARDS AND RECOMMENDATIONS TEACH FOR DDON KVS JUNIOR SCHOOL'S KIDS SHARING ABOUT ICT IN SCHOOL

Development and linking of GEOMETRICAL SHAPES (2D-3D) USING ICT Tools

© Apr 21, 2014 RameshBadoni ICT 0



PAGES

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MY YOUTUBE CHANNEL



TEACHER'S DIARY

Are you a good teacher?

How does your teaching style compare to the styles of your colleagues?

Are your classroom management skills as effective as those of other teachers in your school?

Do your classes fill your students with enthusiasm – or imbue them with ennui?

Are you confident in your ability to deal with any student problem that arises in the course of the day?

Are you aware of the most current teaching strategies and management techniques?

Do you know which ones are most successful?

<https://sites.google.com/view/teachersdiaryonline/home>

PARTICIPATION IN TEACHER'S TRAINING AND WORKSHOPS

5

ICT ONLINE COURSE DEVELOPMENT FOR TEACHERS



08 June, 2016

Jingle for e- pathshala by CIET NCERT



PANEL DISCUSSION ABOUT DISASTER MANAGEMENT



14 February, 2017

INTERNATIONAL ICT FORUM 2016

ICT INTERNATIONAL MEET 2016-17



INNOVATIONS/ EXPERIMENTS

Interactive video lesson

energy of pendulum and free fall of an object.ggb-1.ggb

File Edit View Options Tools Window Help

Signed in as anamaramesh2012

Freefall pendulum

angle 0
mass 0
Length

Velocity at vertical = 0 in/sec = 0 m/s
Kinetic Energy = 0 in - lb = 0 Joules
mass [kg] = 0
height [m] = 0

height = 0 mts

Given 'h' and required energy:

1. Adjust angle until desired height is obtained.
2. Adjust mass to suit energy requirement.
3. Use velocity and mass for FE model.

Given angle, mass, and arm length:
Adjust sliders and use velocity and mass for FE model.

COMBINATION OF PARALLEL CAPACITORS

demo capacitor in paralae.comanation.ggb

File Edit View Options Tools Window Help

Signed in as anamaramesh201

$V = 25$ volt
 $C_1 = 0.7$ μF
 $C_2 = 1.1$ μF
step = 1

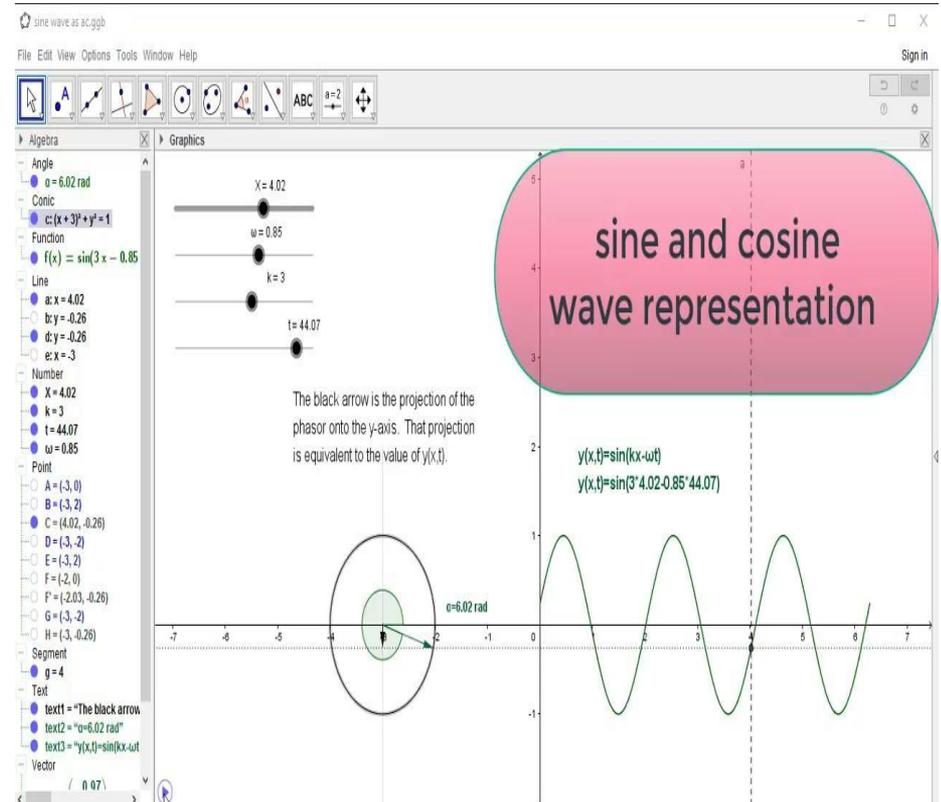
capacitors and its combination

**LIVE Interactive
class 11 pHYSICS**



रमेश प्रसाद बडोनी

Simulations and translation of video



Student's creation

electrostatic force between the charges.ggb

File Edit View Options Tools Window Help

Signed in as anamamesh2012

Enter Mass Values:

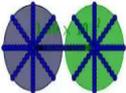
Charge 1 x 10

Charge 2 x 10

Enter Distance of Separation:

Distance x 10

Sample example

$$F = \frac{k(q_1)(q_2)}{r^2}$$
$$F_E = \frac{(9.00 \times 10^9) \cdot (-1.00 \times 10^{-14} \text{C}) \cdot (-1.00 \times 10^{-24} \text{C})}{(1.00 \times 10^{-2} \text{m})^2}$$
$$F_E = 9.00 \times 10^{-31} \text{N}$$


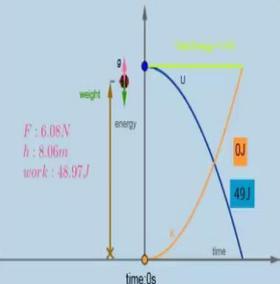
Mechanical Work and Energy

U – potential energy = mgh
K – kinetic energy = $\frac{1}{2}mv^2$
W – work = force × displacement
work and energy unit : J(joules)

weight
energy
time 0s

$F : 6.08 \text{N}$
 $h : 8.06 \text{m}$
 $\text{work} : 48.97 \text{J}$

48J



my MINI hydro power station



RAMESH PRASAD BADONI
PHYSICS LECTURER
GIC CHHARABA
DEHRADUN

my MINI hydro power station
This is what 21st century demands for

IMPACT OF INNOVATION/EXPERIMENTS LIST OF INNOVATIONS/ EXPERIMENTS



science exhibition

**SCIENCW AND TECHNOLOGY
MEET**

youtube.com/watch?v=DklIPh37ro0&list=PL5oJF70SpDcqZX_d17jk-IJsyf85jCVIb&index=4

YouTube

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CLASS X PHYSICS
rameshbadori prasad - 4 / 35

1 X science- chapter light session two
rameshbadori prasad 24:57

2 X Science Light session 3
rameshbadori prasad 25:01

3 Science X ELECTRICITY Session 5
rameshbadori prasad 24:38

4 CLASS X SCIENCE SESSION 4
rameshbadori prasad 25:12

5 state quiz science 2019
rameshbadori prasad 7:08

6 quiz science
rameshbadori prasad 23:03

7 पूर्ण आंतरिक परावर्तन TOTAL INTERNAL REFLECTION
rameshbadori prasad 1:07

CLASS X SCIENCE SESSION 4



Youtube Channel



rameshbadoni prasad

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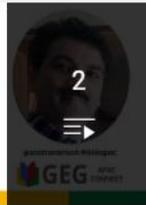


VIEW FULL PLAYLIST



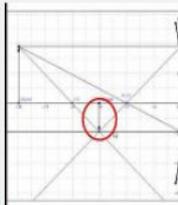
GEGAPACK

VIEW FULL PLAYLIST



CLASS -10 PHYSICS

VIEW FULL PLAYLIST



CLASS- 12 PHYSICS

VIEW FULL PLAYLIST



school chalo abhiyan

VIEW FULL PLAYLIST



Open Lab workshop and Innovative Ideas

My efforts

Live r p badoni classroom

My efforts

My efforts

Get connected to BEST TEACHERS

My efforts





**Guidance
&
counselling**



आकाशवाणी केंद्र देहरादून की प्रस्तुति



असिब भावनी से सुनसुनी
कार्यक्रम से जानें 

स्कूल शिक्षा में
भौतिक विज्ञान और अनुप्रयोग

Community building and Save Nature



**GREEN AND CLEAN
SCHOOL**

ESTB. 2016 ACTION FOR SUCCESS

 **GOVT. INTER COLLEGE MISRAS PATTI, DEHRADUN**
राजकीय इण्टर कॉलेज मिसरास पट्टी, देहरादून

R P BADONI PRESENTS

MOBILIZATION OF SOCIETY FOR SCHOOL INFRASTRUCTURE AND FOR SPREADING SOCIAL AWARENESS AMONG CHILDREN

OUR DREAM FORTHCOMING PROJECT



Our Mission towards global issue is the concern will be the future for GREEN SCHOOL AND CLEAN NATURE. As the population continues to grow and environmental concerns move increasingly to the forefront of public knowledge, more and more communities are looking for outdoor spaces that are both beautiful and sustainable. That's why sustainable parks are the need of a SCHOOL as one of my school, such a sustainable park where a park that's made to preserve natural resources and promote quality of education and life for the people around it. It uses existing native plants, organic medicinal tree or plant and geographic features to be more efficient, while also enjoyable for school kids and their families around the school Campus.

OUR PARK WILL BE SUSTAINABLE-

What are the qualities that define an eco-friendly park space will be

- Energy-efficient building and free from pollution
- Long-lasting materials
- Conserved and restored natural areas
- Easy-to-maintain plants and landscaping
- Organic mulch, fertilizers and compost

<https://intercollegemisras.blogspot.com/search?q=green>





In hilly Areas of Uttarakhand or Garhwal Himalayas its not an easy task to conserve water. So its one of the main concern that how can we save water resources from diminishing. Its very important to aware students and localites about importance of saving water resources. So I with my students decided to make field trip and make them aware of water resources available and about their conservation.

Conservation Of Water Resources using Following Techniques in Hilly Areas

PHYSICS AND APPLICATIONS | MISSION PHYSICS | FIVE W'S 1H | उत्तराखंड की झलक

Thursday, August 24, 2017

Why education need reform?

Why education need reform? Watch later Share

STUDENT'S OPINION



A video player interface showing a video titled "Why education need reform?". The video content shows a group of students in blue uniforms in a classroom setting. A red banner at the top right of the video frame reads "STUDENT'S OPINION". The video player includes a play button, a "Watch later" button, and a "Share" button.



CEO DEHRADUN

DEAR, BEO's ,BO's,
PRINCIPALS, HEADMASTERS AND TEACHERS
FROM DEHRADUN PLEASE UPDATE YOUR
SCHOOLS INSPIRE AWARD NOMINATION AND
REGISTRATION FILL UP DATA FORMAT FOR
2019-20

VISIT PROFILE

SCAN THE QR-CODE FOR
INSPIRE AWARD
APPLICANTS 2019



TEACH FOR DOON अभ्युदय

learn teach help enjoy

open science

Hope you will be a part of this noble cause !
Teachers in service ,retired or even anyone
who would like to contribute their services in
teaching, training or co-curricular activities
and even who are really voluntarily wish to
teach in government schools of Dehradun
Region may ask us to join for real time
teaching learning processes at the sites of
schools or in online / offline mode.

आप हमें शिक्षा और शिक्षण जैसे पुनीत
कार्यों में अपना अमूल्य योगदान देंगे ऐसा
हमें विश्वास है । कोई भी सेवारत या
सेवानिवृत्त शिक्षक या अन्य कोई भी
जिनकी शिक्षण या शिक्षनेत्तर कार्यों में
रुचि है , हमें देहरादून क्षेत्र के आसपास
के सरकारी स्कूलों में, स्वेच्छा से अपनी
सेवाएँ देंगे । शिक्षण के अलावा किसी भी
प्रकार का सहयोग या योगदान ऑनलाइन
या ऑफलाइन भी दिया जा सकता है.....

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Nursery to Senior Secondary Level (10+2)
Pujar Gaon, Hindotakhal, Tehri Garhwal

Visit us : chandrabadanipublicschool.in Contact No. : 8057387096, 9229469798, 9412948254, 9093801822

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- About Us
- SCHOOL DAILY PROGRESS CARD: BLOG
- Gallery
- e-Pathshala
- Central Board of Secondary Education
- NCERT
- ICT in Education: GOI
- SCHOOL DPR
- YouTube channel
- School at a Glance
- Prospectus & School Details
- ADMISSION OPEN
- Transfer Certificate Format
- Contact Us
- Feedback & Suggestions
- KHAN ACADEMY
- ONLINE LEARNING MATERIAL-CIET NCERT
- ONLINE E-BOOKS NCERT
- ONLINE PLATFORM-SWYAM (PANDEMIC TIME)

Breaking News © December 28, 2020 Congratulations! Hard work pays off and you have proved it Good going and wish you all the best.

REVISE ALL SUBJECT HERE

100% solved 05 August 2020 42 views comments



Edit



Edit



Edit

Shrichandrabadani public School



During COVID-19

ONLINE TEACHING

WEBINAR

A screenshot of a presentation slide displayed in a web browser window. The slide has a white background with black text. At the top, it reads: "Ramesh Prasad Badoni, Lecturer Physics, Department of Physics, G I C Misras Patti Dehradun, Uttarakhand, India. February, 2021, India". Below this text is a small portrait photograph of Ramesh Prasad Badoni, a man with a mustache wearing a blue and white checkered shirt. Underneath the photo, the text reads: "Email- anamaramesh2012@gmail.com". At the bottom of the slide, there is a line of text: "Ramesh Badoni - Analyzing teaching - learning resources when integrated by the secondary school teachers during COVID-19 pandemic period". The browser window shows the address bar with "www.anamaramesh2012.com" and the title "Ramesh Prasad Badoni".

Ramesh Prasad Badoni,
Lecturer Physics, Department of Physics,
G I C Misras Patti Dehradun, Uttarakhand, India.
February, 2021, India

Email- anamaramesh2012@gmail.com

Ramesh Badoni - Analyzing teaching - learning
resources when integrated by the secondary school
teachers during COVID-19 pandemic period

ICT Conference 1st International Conference on ICT in Education

गूगल पर वेबसाईट तैयार करना सीखें



रमेश प्रसाद बडोनी



RAMESH BADONI
LECTURER PHYSICS



Live on
All India Radio(AIR-FM)
23 May 2020,9:20 AM



ANIL BHARTI -AIR



Ramesh prasad Badoni

@RameshprasadBadoni189

Web page: <http://physicssanrakshanam.com/>

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SAKURA SCIENCE Exchange Program Sakura Science Plan



Student Participant:

1. Vaibhav Thapliyal, GIC, Simli, Chamoli
2. Harshit Upadhyaya, GIC, Gani, Pithoragarh
3. Pragya Singh, GIC, Massi, Almora
4. Neha Singh, GIC, Nalapani, Dehradun
5. Swati Bahuguna, GIC, Nagni Tehri Garhwal
6. Sonika, GIC, Daira, Rudraprayag

Teacher Supervisor:

- Ramesh Prasad Badoni
Lecturer Physics, GIC Misras Patti Dehradun



UNITED STATES-INDIA EDUCATIONAL FOUNDATION

2020-2021 Indian Fellows

Print

Ramesh Prasad Badoni

Grant Category:	Fulbright Distinguished Awards in Teaching Program for International Teachers
Project Title:	Development of Science Lesson Using ICT Tools for High School Student of Rural Indian Society
Field of Study:	Science
Home Institution:	Government Inter College Misraspatti, Dehradun, Uttarakhand
Host Institution:	Arizona State University, Tempe, AZ
Grant Start Month:	August, 2021
Duration of Grant:	Four months



Brief Bio:

Mr. Ramesh Prasad Badoni is a physics lecturer at Government Inter College, Misraspatti, Dehradun, Uttarakhand. With a master's degree in education and physics, and 15 years of experience in classroom teaching, he has been working on the development of e-content and online courses with NCERT-CIET India since 2012.

He represented his state in the Japan-Science Sakura Program held in Japan in 2019 to encourage a future of innovative education for students who are academically meritorious. He is contributing to the State Governor's house for the welfare of socio-economically deprived children.

He is the recipient of two prestigious national awards given by the President of India in 2019 and 2012 for his excellent work in teaching and integration of ICT. He also received an appreciation certificate for his project work in ICT by the State Education Minister and Government of India.

Through his Fulbright project, Ramesh is developing innovative science lessons using ICT tools for high school students of remote areas so they can have curriculum based digital lessons available in different formats, such as videos, simulations, interactives, audios, and printable documents. The project will be helpful for teachers in India and will improve the learning outcomes of the students.





GOVT. INTER COLLEGE MISRAS PATTI, DEHRADUN
राजकीय इण्टर कॉलेज मिसरास पट्टी, देहरादून

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REFERENCE LINKS



Website:

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<http://chandrabadanipublicschool.in/>

<https://wakelet.com/@RameshprasadBadoni189>

Blog:

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