



Government of Jammu & Kashmir



Directorate of School Education, Jammu

No: DSEJ/Counselling Cell/ 22929-41

Dated: 23/07/2021

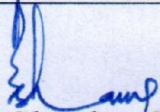
The Chief Education Officers (All)
Jammu Division

**Sub: Nomination of Science Faculty Members
(teachers/masters/lecturers) for undergoing Faculty Development
Program on creativity with Mathematics and Science.**

Indian Institute of Technology, Jammu and AICT ATAL academy is going to organize Faculty Development Program (FDP) on the topic "Creativity with Mathematics and Science During: 02-06 Aug 2021" with the objectives to provide training to foster curiosity, creativity and imagination in young minds and make the fun with MATHEMATICS and SCIENCE and to understand what, how and why aspects of STEM (Science, Technology, Engineering, and Mathematics).

In this regard, you are directed to nominate two science faculty members (teachers/masters/lecturers) from your respective district within two days so as to forward it to IIT Jammu.

| Name | Institute | Designation | email | Phone no. | Experience/Specialization | Address with PIN code |
|------|-----------|-------------|-------|-----------|---------------------------|-----------------------|
| | | | | | | |


(Dr. Ravi Shankar Sharma) KAS
Director School Education
Jammu

Copy to the:

1. Principal Secretary to Government, School Education Department, Civil Secretariat, J&K Srinagar for kind information.
2. Dr Vijay Kumar Pal, Assistant Professor, MED, IIT, Jammu.
3. Romesh Kumar Sharma, Head Counselling Cell, DSEJ for information and necessary action.
4. I/C Website for uploading on the website.

ABOUT THE INSTITUTE

IIT Jammu is an Institute of National Importance funded by the Government of India. It was inaugurated on 6th August, 2016. The Institute provides cutting edge academic and research infrastructure for the growth of its students and faculty. At present, IIT Jammu is offering B.Tech. degree in six major disciplines viz. Mechanical Engineering, Electrical Engineering, Computer Science, Chemical Engineering, Material Engineering and Ph.D. in major relevant areas (including Physics, chemistry, mathematics). IIT Jammu is on the verge of establishing highly dedicated central research facilities along with advanced teaching laboratories. IIT Jammu's goal is to become internationally recognized for the quality of its research and creative endeavors and their applicability to improving quality of life.

ABOUT THE DEPARTMENT

The department of Mechanical Engineering offers B. Tech. in mechanical engineering and Ph.D. in relevant area. The vision of the department is to develop leaders of tomorrow and conduct translational research to address major technological bottlenecks. We are in the process of developing state of the art laboratories that not only cater to the undergraduate curriculum but also foster research in various specialized and interdisciplinary areas. The department is being nourished by dedicated teaching and research professionals and the highly skilled lab staff. In addition, we are focusing on collaborations with various industries to design relevant curricula and to provide students with an exposure to the real world.

Organizing Committee:

Patron:

Prof. M. S. Gaur,
Director, IIT Jammu.

Coordinator:

Dr. Vijay Kumar Pal,
Assistant Professor, MED, IIT Jammu.

Association with:

Prof. Manish Jain,
Associate Teaching professor, Creative Learning,
CCL Workshop at IIT Gandhinagar.

Key Speakers:

- Prof. Manish Jain, IIT Gandhinagar.
- Dr. Amitabh sharma, STEM Academy of USA.
- Prof. Lakshminarayanan samavedham, NUS Singapore.
- Dr. Rajnish Kumar, Director, Digital Learning Department of school Education.
- Mr. Gaurav Agarwal CEO & Founder, AFTCODER, Delhi.
- Dr. Dinesh Deva, IIT Ropar.
- Dr. Vijay Kumar Pal, IIT Jammu.

Contact details:

Dr. Vijay Kumar Pal
Assistant professor, Mechanical Engineering,
Indian Institute of Technology Jammu,
Email ID: vijay.pal@iitjammu.ac.in

Important Dates:

Last date for receipt of applications: 24-July-2021

Intimation to selected candidates : 25-July-2021

1/2 Counselling cell

20/7

AICTE Training and learning (ATAL) Academy

Faculty Development Program (FDP)

On

NEP 2020 Implementation:

Creativity with Mathematics and Science

During: 02 - 06 Aug 2021



Organized by

Mechanical Engineering Department
Indian Institute of Technology, Jammu
Jammu-181221, J & K, INDIA

**AICTE Training and learning
(ATAL) Academy**

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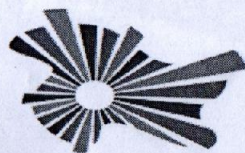


Registration

<https://www.aicte-india.org/atal>

OR

<https://atalacademy.aicte-india.org/signup>



**भारतीय प्रौद्योगिकी
संस्थान जम्मू
INDIAN INSTITUTE OF
TECHNOLOGY JAMMU**

विद्यया धनं सर्वधनं प्रधानम्

**THEME
OF THE
COURSE**

The Indian Institute of Technology, Jammu believes education is a democratic right and it is our duty as educators to make it available to not just our own students but to every child around us. At IITJMU, we are driven to democratize education and work relentlessly to make ourselves better in order to offer the best to our students.

Taking a step forward to serve the education community as a whole, we now plan to improve the quality of STEM education by using the powerful tools that have been set forth by the New Education Policy and the Atal Innovation Mission. Taking inspiration from Center for Creative Learning at IIT Gandhinagar, we plan to organize hands-on workshops for School teachers and engineering college professors across the country. We believe Atal tinkering Labs are a powerful asset to improving the way we educate. At IIT Jammu, we want to revolutionize education in order to democratize it.

**OBJECTIVE
OF THE
COURSE**

➤ The objective of this workshop is to provide training to foster curiosity, creativity, and imagination in young minds and make the fun with MATHEMATICS and SCIENCE.

➤ Young children will get a chance to work with tools and equipment to understand what, how and why aspects of STEM (Science, Technology, Engineering, and Math).

Who should attend?

Research scholars/ students, Faculty members of University/ Engineering colleges and School Teachers working in the relevant areas are eligible to attend the course.

Topics to be covered:

The course will cover the broad spectrum of the fun and creativity with Mathematics and Science. CCL, IIT Gandhinagar Team will cover the below mentioned topics:

- Fall in Love with Math
- The science of stars, Earth and Moon
- Maths in Vegetables
- Beauty, Mystery and Magic of Math and Science
- The science of vision
- Math of Music, Science and sound
- Front back cycle
- Mathematically creative Diwali and other fest
- Design and Innovation Practicum
- Math and Science of Toys

Guidelines

- Eligible participants will be selected based on first come first serve basis and will be intimated by e-mail only.
- On the last day of the program an assessment test will be conducted for all participants.
- E-certificate will be awarded only to those participants having minimum 80% attendance and scored minimum 60 % marks in the test conducted by the coordinator on the last day.

Registration Details

- There is no registration fee.
- The registration can be done from ATAL website. Also, details of the registration are available in the IIT Jammu website. Selected candidates will be informed by e-mail.