



# B Y A

*Bring Your Attention*

Website: <https://spnrecararia.ac.in/>

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Editor: Dr. Ritesh Kumar, Assistant Professor



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# SPNREC CHRONICLES

Quarterly Newsletter of Shri Phanishwar Nath Renu Engineering College, Araria

## STUDENT MEMBER

- Niraj Kumar  
(B.Tech ECE)
- S M Saurabh Raj  
(B.Tech ECE)
- Suraj Kumar  
(B.Tech ECE)
- Tanu Kumari  
(B.Tech ECE)
- Kumkum kumari  
(B.Tech ECE)
- Vicky kumar  
(B.Tech ECE)
- Soumya  
(B.Tech ECE)





# *From the Principal Desk*



**Dr. Atma Ram Gupta**  
**Principal**  
**SPNREC, Araria**

The mind is like a fire that has to be ignited rather than filled. I admire the efforts of faculty and students across disciplines who employ creative means of elaboration in communicating their findings. Everything starts with an idea, therefore as long as we communicate our thoughts and allow them to spark, we can be sure that we will learn. The Institute is rising exponentially in terms of resources and facilities. Just like Mother Nature continues to provide us with more and more, education is not something that begins and ends in a classroom. It is truly a lifelong process. A student's holistic development is a priority at this college, as is the adaptation of a variety of teaching strategies to the ever-shifting conditions of the modern world. Having a common objective, working together towards it, and trusting in one another as you do so are other hallmarks of this type of relationship.

***“Inspiration does exist, but it must find you working.”***

***-Pablo Picasso***





# About Editorial Team

WE ARE HAPPY TO BRING READERS ATTENTION TOWARDS THE INSTITUTE FACILITY, INFRASTRUCTURE, ACTIVITIES, AND CONTRIBUTION IN THE DEVELOPMENT OF EDUCATIONAL SOCIETY. IN THIS VOLUME, SPECIAL ATTENTION HAS BEEN GIVEN IN LAB ESTABLISHMENT IN SPNREC. WE HOPE THAT THIS VOLUME WILL PROPERLY REFLECT THE DEVELOPMENT DURING LAST THREE MONTHS.

**-EDITORIAL TEAM, SPNREC**

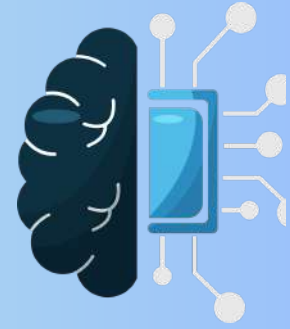


***I appreciate the diligence of my editing team so much for getting this volume out. They work hard, convey the reality, and are committed to their work. I want the best for them in whatever they decide to do next..***

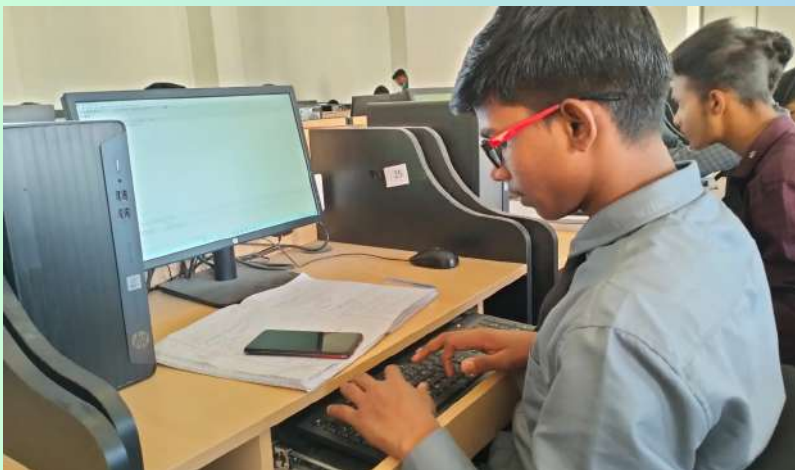


**Editor: Dr. Ritesh Kumar**

# New admission in 2023-2027 Session



**>> 100 +  
admission in  
computer  
science  
engineering**



# JOINNING OF LAB ASSISTANT/NATS TRAINEE

S.NO	EMPLOYEE NAME	DESIGNATION	DEPARTMENT	MOBILE NO.
1.	JITENDRA KUMAR	GUEST LAB ASSISTANT	EE	9608614012
2.	SALONI KUMARI	GUEST LAB ASSISTANT	EE	7488709491
3.	PRABHAT KUMAR	GUEST LAB INSTRUCTOR	EE	7667025511
4.	ATAL BIHARI MANDAL	GUEST LAB ASSISTANT	ME	6205552152
5.	DINANATH MEHTA	GUEST LAB INSTRUCTOR	ME	7717775400
6.	MAHESH KUMAR	GUEST LAB INSTRUCTOR	ME	8178142049
7.	MD. ADIL REZA	GUEST LAB ASSISTANT	CSE	8810299458
8.	HIRA KUMAR THAKUR	GUEST LAB ASSISTANT	CSE	7979768695
9.	SHIVNATH RAI	GUEST LAB ASSISTANT	ECE	7654175121
10.	RANDHIR KUMAR MISHRA	GUEST LAB ASSISTANT	ECE	8677870676
11.	PANKAJ KUMAR	GUEST LAB INSTRUCTOR	ECE	9934944272
12.	RAUSHAN KUMAR	GUEST LAB ASSISTANT	CE	8862980741
13.	DIVYA JYOTE	NATS TRAINEE	EE	9471268719
14.	VINAY KUMAR	NATS TRAINEE	CE	9135568273
15.	SUMAN KUMAR	NATS TRAINEE	ECE	9525060658
16.	PRERNA BHARTI	NATS LIBRARY ASST.	---	8521690569

# Startup Awareness Program



## बिहार स्टार्ट-अप को लेकर किया गया जागरूक

संस्. रेणुग्राम (अररिया): फारबिसगंज प्रखंड के स्मिथरहा स्थित फर्ग्युसन नाथ रेणु अभियंत्रण महाविद्यालय में मंगलवार को स्टार्ट-अप बिहार नीति 2022 पर एक दिवसीय जागरूकता कार्यक्रम का आयोजन किया गया। जिसका उद्घाटन उद्योग विभाग के महाप्रबंधक कृष्ण कुमार भारती, आईओ रूपेश कुमार, उद्योग विभाग पटना के कंसल्टेंट पुष्कर परम, प्रोजेक्ट मैनेजर निखिल करयन एवं संस्थान के प्राचार्य डा. अहमद शम गुप्ता के द्वारा संयुक्त रूप से किया गया।

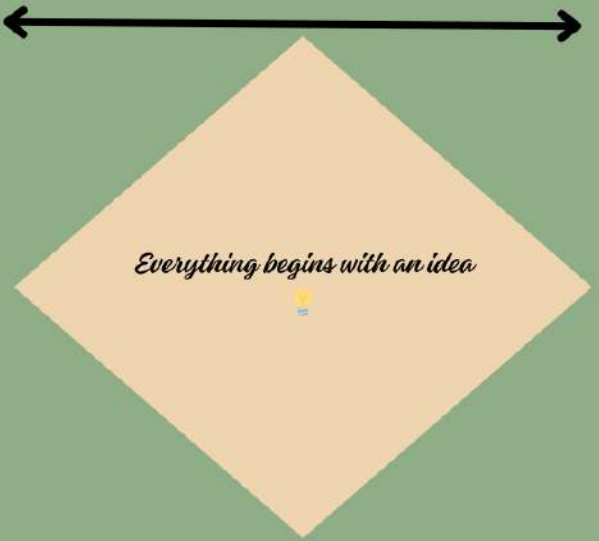


कार्यक्रम का उद्घाटन करते प्रतिनिधि। गजराज

कार्यक्रम के दौरान मुख्य अतिथि उद्योग विभाग के महाप्रबंधक ने छात्र छात्राओं को स्टार्ट-अप बिहार नीति

छात्र-छात्राओं को उद्योगिता के क्षेत्र की चुनौतियों के बारे में बताते हुए नए उद्योगिता विकास के लिए फंजीक का आयोजन किया। जिसमें सरुल प्रतिभागियों में सौम्या को प्रथम

को सरुल बनने में उद्योगिता संस्थान के प्रभाषे डा. रितेश कुमार, विभागध्यक्ष हर्ष कुमार, समन्वयक राज कुमार शर्मा, सहायक प्राध्यापक बिहार गौरव, स्वीटी देव, पी.



Think! Create! Innovate!

# INSTITUTE LEVEL ACTIVITIES

## WEB DEVELOPMENT COURSE ORGANISED BY STARTUP CELL



### ABOUT THE PROGRAM

This comprehensive Web Development Program is set to be a game-changer for aspiring web developers. With a strong focus on both front-end and back-end development, the program covers a wide range of essential technologies and tools, ensuring that students gain a well-rounded understanding of web development.

### OUR GOALS

The goals of a college web development program are to teach students essential web development skills, provide practical experience through projects, keep the curriculum industry-relevant, facilitate networking, and offer a recognized certification for employment readiness.



### OUR STRATEGY

- Design a practical curriculum.
- Employ experienced instructors.
- Include real-world projects.
- Foster industry partnerships.
- Keep the curriculum up-to-date.
- Offer student support services.
- Provide a recognized certification.
- Collect and act on student feedback for continuous improvement.

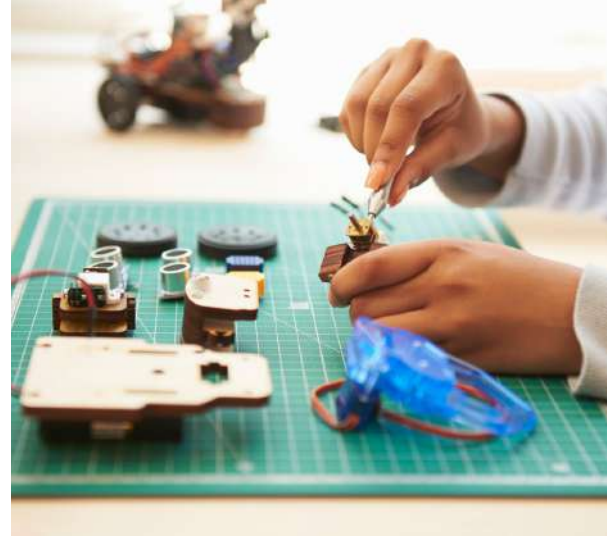




BSCT SPONSERED THREE DAY DAYS WORKSHOP

24/08/2023 TO 26/08/2023

# WORKSHOP ON MICROCONTROLLER AND ROBOTICS



➤➤➤ **FIRST DAY :-**

**TOPIC - MICROCONTROLLER  
BY- PROF. DHARMENDRA KUMAR**

**-:SECOND DAY<<<**

**TOPIC - SENSOR  
BY - PROF. AMIT RANJAN**



➤➤➤ **THIRD DAY :-**

**TOPIC - ROBOTICS  
BY - PROF.RAJ KUMAR SHARMA  
PROF.KUMAR VIMAL**





# lecture by IIT expert

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An IIT Professor is coming to our college to share inspiring insights on motivation and success. The most heart touching lines are .....

"Success is not just about being the best, but about giving your best. Embrace challenges, learn from failures, and keep pushing your limits. Every setback is an opportunity to grow stronger and smarter. Believe in yourself and your potential, and you can achieve greatness."



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Dr. Sanjay Kumar Parida  
(IIT Patna)

# Institute Level Activities

## Farewell Party

IN HONOR OF THE SENIOR BATCH 2023



**Celebration of Farewell Party For Our First Batch of College's Passout Senior**



# 15 August Independence Day



# Happy Day Teachers



# TEACHER'S DAY CELEBRATION



To the world, you may just be a teacher. But to your students, you are a hero. Thank you for always guiding us. Happy World Teachers' Day.



Happy World Teachers' Day to the educators who shape our future! Thank you for lighting the path of knowledge. ...



# Engineer's day Celebration

15 sep, 2023





# BADMINTON &, CARROM BOARD & CHESS



## CARROM



## CHESS COMPETITION



# SPORTIKON'S 23

# VOLLEYBALL

## TOURNAMENT



**WINNER**



SPNREC SPORTS CLUB  
Sport incharge:-  
Prof. Sharukh Jain



## KABADDI MATCH



# 2023

# FINAL CRICKET MATCH



## SPORTIKON 23



## »» ABOUT MATCH

Vikings and Thunder11 clashed in an intense cricket match, featuring thrilling batting and skillful bowling. Thunder11 emerged victorious in a closely contested game, leaving fans on the edge of their seats. The match showcased the true spirit of cricket and will be remembered as a classic encounter in the sport's history.

## WINNER TEAM ««

Thunder11 emerged victorious in a thrilling cricket match, capturing the coveted trophy. The game showcased exceptional skill, teamwork, and dramatic moments. With strategic leadership, they secured the win, and the college celebrated their hard-earned triumph. Their victory will be remembered as a symbol of dedication and sportsmanship, etching their names in cricketing history.



# Publications..

## ***Journals/ Conference:***

1. Bhadoriya, Jitendra Singh, **Atma Ram Gupta**, Ashwani Kumar, Rohit Ray, and Surita Maini. "**Enhancement of the distribution network in the presence of EV charging stations augmented by distributed generation.**" *Electrical Engineering* (2023): 1-15.
2. **Kumar, Ritesh**, and Sanjeev Kumar Raghuwanshi. "**Polarization controlled dispersion tunable optoelectronic oscillator and frequency octupling without bandpass filter.**" *Optical and Quantum Electronics* 55, no. 12 (2023): 1069.
3. Nadeem, Md Danish, Sanjeev Kumar Raghuwanshi, and **Ritesh Kumar**. "**Efficient photonics beam forming system incorporating super structure fiber Bragg grating for application in Ku band.**" *Optical Fiber Technology* 80 (2023): 103436.
4. Maurya, Arvind Kumar, **Ritesh Kumar**, Venugopal Arumuru, and Rajan Jha. "**An all-optical system for transit time estimation in fluids using single source and detector.**" *IEEE Transactions on Instrumentation and Measurement* (2023).
5. Maurya, Arvind Kumar, **Ritesh Kumar**, and Rajan Jha. "**Temperature-Insensitive PCF-Based Low Amplitude Vibration Sensor for Broad Frequency Application.**" In 2023 International Conference on Microwave, Optical, and Communication Engineering (ICMOCE), pp. 1-3. IEEE, 2023.

## ***Book:***

1. Raghuwanshi, Sanjeev Kumar, Santosh Kumar, and **Ritesh Kumar**. **Geometric Feature-Based Fiber Optic Surface Plasmon Resonance Sensors**. Springer Nature, 2023.