

QUARTERLY NEWSLETTER

IEEE STUDENT BRANCH REC BANDA

THE OFFICIAL NEWSLETTER



IEEE

Student Branch RECB (STB11533)

ABOUT IEEE STUDENT BRANCH

The IEEE Student Branch at Rajkiya Engineering College Banda stands as a dynamic platform dedicated to cultivating innovation, leadership, and technical excellence among students. Anchored in the mission of advancing technology for societal benefit, the branch actively fosters a culture of exploration and continuous learning beyond academic boundaries.



EVENTS BETWEEN OCTOBER 2025 TO DECEMBER 2025

Event 1: Hands-on Three-Day Web Development Workshop from 16th – 18th November, 2025

Event 2: Expert Lecture on Advancements in Cyber Defense and Digital Forensics on 04th December, 2025

Event 3: Expert Lecture on Modern Cyber Security Threats and Defenses on 04th December, 2025

Event 4: IDEA IGNITERS on 08th December, 2025

Event 5: CODEATHON on 10th December, 2025

Event 6: Expert Lecture on Building a Thriving Engineering Career in Industry on 19th December, 2025

HANDS-ON THREE-DAY WEB DEVELOPMENT WORKSHOP (16-18 NOVEMBER 2025)

The IEEE Student Branch, in collaboration with the Student Developer Club, organized a Web Development Workshop at the Computer Center, Rajkiya Engineering College, Banda, conducted over three days from 16 to 18 November 2025, between 05:00 PM and 07:00 PM IST. The workshop aimed to provide students with a comprehensive understanding of modern web development through a structured and hands-on learning approach.

The initial session focused on Version Control and Project Structuring, introducing students to Git and GitHub, including repository creation, commits, branching, and project organization best practices. Participants also learned to host static websites using GitHub Pages, gaining exposure to collaborative development workflows commonly used in the industry.

The following sessions covered Frontend Framework Basics using React, including components, props, state, JSX, and building simple user interfaces, followed by Deployment and Final Project activities. Students explored deployment platforms such as Netlify and Vercel, implemented basic optimization techniques, and successfully built and deployed their own web applications. The workshop concluded with project reviews and certificate distribution, making the event highly impactful and career-oriented.



EXPERT LECTURE ON ADVANCEMENTS IN CYBER DEFENSE AND DIGITAL FORENSICS (04 DECEMBER 2025)

The IEEE Student Branch, in collaboration with the Department of Information Technology and the Student Developer Club, organized a One-Day Expert Seminar on “Advancements in Cyber Defense and Digital Forensics” on 04 December 2025, from 11:10 AM to 12:45 PM IST, at the Seminar Hall, Rajkiya Engineering College, Banda. The seminar aimed to create awareness among students about emerging challenges and technologies in the field of cybersecurity and digital forensics.

The expert lecture was delivered by Dr. Anup Girdhar, CEO and Founder of Sedulity Solutions & Technologies, a renowned cybercrime investigator and cybersecurity consultant with over three decades of experience. During the session, he shared valuable insights into modern cyber defense mechanisms, digital forensic investigation techniques, and the evolving landscape of cyber threats, drawing from his extensive professional and academic background.


The seminar was highly informative and engaging, providing students with practical perspectives on cybersecurity careers and real-world applications. The session encouraged interactive discussions and enhanced participants' understanding of cyber defense strategies, making it a significant learning experience for aspiring engineers and technology enthusiasts.

The poster is for a "One Day Seminar" organized by the Department of Information Technology in collaboration with the Student Developer Club (IT) and IEEE Student Branch. The main topic is "Advancements in Cyber Defense and Digital Forensics" presented as an "Expert Lecture". The speaker is Dr. Anup Girdhar, CEO-Founder of Sedulity Solutions & Technologies. A circular portrait of Dr. Girdhar is shown. The poster includes a detailed biography of Dr. Girdhar, highlighting his 30 years of experience in cybersecurity and digital forensics, his role as Editor-in-Chief of Cyber Times, and his extensive training of officers in various agencies like CBI, DRDO, NSG, BSF, and the Indian Army. It also mentions his PhD, M-Phil, MCA, and numerous publications and patents. The event is scheduled for 4 Dec 2025 at SF04.

One Day Seminar
Organized by the
Department of Information Technology
in Collaboration with
Student Developer Club (IT) and IEEE Student Branch

Expert Lecture

Advancements in Cyber Defense and Digital Forensics


Dr. Anup Girdhar
CEO-Founder
(Sedulity Solutions & Technologies)

Dr. Anup Girdhar is a Cybercrime Investigator, Cyber Security & Forensics Consultant, and Editor-in-Chief of Cyber Times Newspaper and Cyber Times International Journal with over 30 years of experience in cybersecurity and digital forensics. He is an international trainer who has delivered programs across South Africa, Nigeria, Singapore, USA, and many other countries, and has trained officers at CBI Academy, DRDO, NSG, BSF, CERT-In, and the Indian Army. He holds Ph.D. (CS), M-Phil (CS), MCA, and multiple global certifications, along with an Australian patent, more than 75 research papers, 50+ articles, and 1000+ seminars and training programs. His specialization includes Cyber Security, Cyber Forensics, OSINT, AI / ML, Secure Web Development, and Cloud Computing, and his academic books on cybersecurity are published through leading institutions.

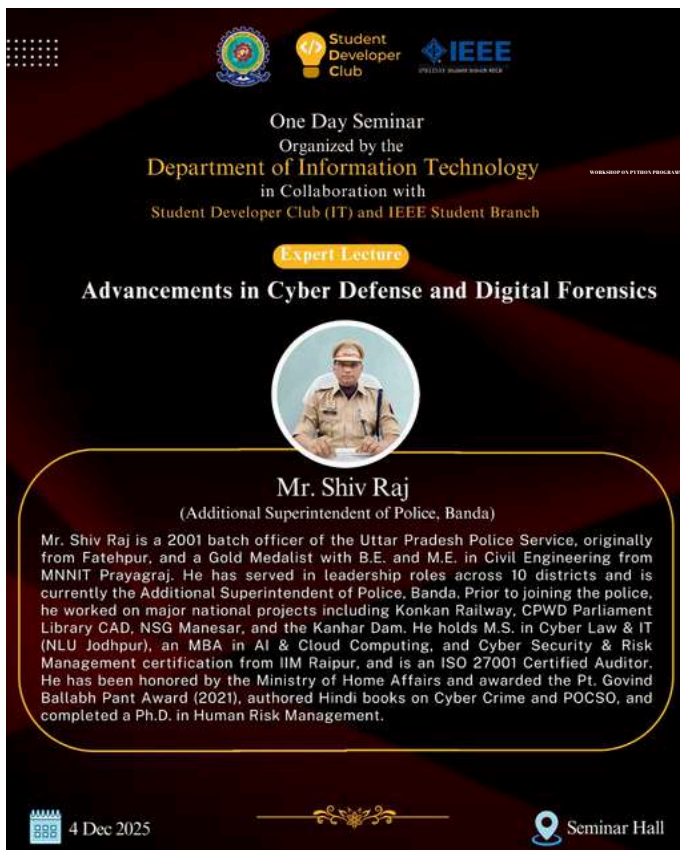
4 Dec 2025 SF04

EXPERT LECTURE ON MODERN CYBER SECURITY THREATS AND DEFENSES (04 DECEMBER 2025)

The IEEE Student Branch organized an expert lecture on “Understanding Modern Threats and Defenses in Cyber Security” on 04 December 2025, from 02:00 PM to 03:00 PM IST, at the Seminar Hall, Rajkiya Engineering College, Banda. The session aimed to enhance students’ awareness of current cybersecurity challenges and the importance of robust defense mechanisms in today’s digital landscape.

The lecture was delivered by Mr. Shiv Raj, who shared valuable insights into modern cyber threats, attack vectors, and defensive strategies used to safeguard digital systems and data. He explained real-world cybersecurity scenarios, highlighting the evolving nature of threats and the need for continuous learning and vigilance in the field.

The session was informative and engaging, helping students develop a clearer understanding of cybersecurity fundamentals and career opportunities in this domain. The lecture encouraged interactive discussions and contributed significantly to strengthening students’ knowledge of modern cyber defense practices.



The poster is for a "One Day Seminar" organized by the Department of Information Technology in collaboration with the Student Developer Club (IT) and IEEE Student Branch. The topic is "Advancements in Cyber Defense and Digital Forensics" presented as an "Expert Lecture" by Mr. Shiv Raj, an Additional Superintendent of Police in Banda. The poster includes a circular portrait of Mr. Shiv Raj and a detailed biography of his professional and academic achievements. Logos for the organizing institutions are at the top, and the date "4 Dec 2025" and location "Seminar Hall" are at the bottom.

One Day Seminar
Organized by the
Department of Information Technology
in Collaboration with
Student Developer Club (IT) and IEEE Student Branch

Expert Lecture

Advancements in Cyber Defense and Digital Forensics

Mr. Shiv Raj
(Additional Superintendent of Police, Banda)

Mr. Shiv Raj is a 2001 batch officer of the Uttar Pradesh Police Service, originally from Fatehpur, and a Gold Medalist with B.E. and M.E. in Civil Engineering from MNNIT Prayagraj. He has served in leadership roles across 10 districts and is currently the Additional Superintendent of Police, Banda. Prior to joining the police, he worked on major national projects including Konkan Railway, CPWD Parliament Library CAD, NSG Manesar, and the Kanhar Dam. He holds M.S. in Cyber Law & IT (NLU Jodhpur), an MBA in AI & Cloud Computing, and Cyber Security & Risk Management certification from IIM Raipur, and is an ISO 27001 Certified Auditor. He has been honored by the Ministry of Home Affairs and awarded the Pt. Govind Ballabh Pant Award (2021), authored Hindi books on Cyber Crime and POCSO, and completed a Ph.D. in Human Risk Management.

4 Dec 2025 Seminar Hall

IDEA IGNITERS (08 DECEMBER 2025)

The IEEE Student Branch organized IDEA IGNITERS on 08 December 2025, from 04:00 PM to 06:00 PM IST, at Room FF-28, Rajkiya Engineering College, Banda. The event was conducted with the objective of encouraging innovation, creativity, and problem-solving skills among students by providing a platform to explore and present unique ideas.

The session focused on motivating participants to think beyond conventional solutions and identify real-world problems that could be addressed through engineering and technology. Students actively engaged in discussions, brainstorming activities, and idea-sharing sessions, which helped them develop confidence in presenting their thoughts and collaborating with peers.

Overall, IDEA IGNITERS served as an inspiring and interactive forum that promoted an innovative mindset and highlighted the importance of ideation in career development. The event successfully fostered creativity, teamwork, and enthusiasm among participants, aligning well with the IEEE Student Branch's goal of nurturing future-ready engineers.



CODEATHON (10 DECEMBER 2025)

The IEEE Student Branch organized CODEATHON on 10 December 2025, from 02:30 PM to 04:00 PM IST, at the Computer Center, Rajkiya Engineering College, Banda. The event aimed to strengthen students' programming skills, logical reasoning, and problem-solving capabilities through a time-bound and competitive coding environment.

Participants were presented with a set of coding problems that required analytical thinking, algorithmic efficiency, and effective implementation of programming concepts. The event encouraged healthy competition, teamwork, and active engagement, allowing students to test their skills under real-time constraints and learn from their peers.

Overall, CODEATHON proved to be an intellectually stimulating experience that enhanced technical confidence and coding proficiency among participants. The event successfully promoted a culture of continuous learning and technical excellence, aligning with the IEEE Student Branch's objective of fostering industry-relevant skills and career preparedness.

CODEATHON

SPONSORED BY

GEEKSFORGEEKS

DATE :- 10th DECEMBER
TIME :- 2:30 - 4:00PM
VENUE :- COMPUTER CENTRE

REGISTER NOW!!!

GFG T-SHIRTS!!!

GFG BACKPACKS!!!

PREMIUM COUPONS FOR EVERYONE!!!

@student_developer_club @student-developer-club-rec-banda @SDC_REC B

EXPERT LECTURE ON BUILDING A THRIVING ENGINEERING CAREER IN INDUSTRY (19 DECEMBER 2025)

The IEEE Student Branch of Rajkiya Engineering College Banda organized Swachhta Pakhwada from 15th September to 31st October 2025, taking a meaningful step towards the vision of a Cleaner India and Better India Day by Day. This initiative aligned with the national spirit of the Swachh Bharat Mission, aiming to spread awareness about cleanliness, hygiene, and sanitation among students and the wider community. The program was conducted at the Student Activity Center (SAC), REC Banda, commencing at 9:00 PM, and witnessed enthusiastic participation from students and volunteers.

The primary objective of Swachhta Pakhwada is to create an intensive, fortnight-long focus on sanitation and cleanliness issues by encouraging active involvement from institutions, organizations, and citizens. Through this initiative, the IEEE Student Branch emphasized the importance of making cleanliness an integral part of daily life rather than limiting it to occasional campaigns. The program highlighted the need for mass participation, promoting responsible waste management, personal hygiene, and clean surroundings.

By fostering awareness and collective responsibility, Swachhta Pakhwada helps sustain the momentum of the Swachh Bharat Mission throughout the year. Such initiatives play a vital role in building a cleaner, greener, and healthier India by reducing sanitation-related diseases and strengthening community well-being.



The poster features logos for Rajkiya Engineering College Banda (REC), Department of Electrical Engineering & IEEE Student Branch RECB (STB11533), and IEEE. The text reads: "Department Of Electrical Engineering & IEEE STUDENT BRANCH RECB (STB11533) Organizes An Expert Lecture on 'Building a thriving engineering career in industry - needs of continuous learning, re-skilling, introspection, and innovation.'" A circular portrait of Dr. Brij N. Singh is shown. Below the portrait, it states: "DR. BRIJ N. SINGH IEEE FELLOW 'Technical Fellow - Power Electronics Engineering in John Deere Inc., USA'". At the bottom, it specifies the date "Friday, 19th December", time "11:00 AM", and location "Seminar Hall".

CLOSING NOTE

As we conclude this edition of the newsletter, we extend our heartfelt appreciation to all faculty members, students, and departments whose dedication and active participation continue to drive the growth and excellence of Rajkiya Engineering College Banda. The events, workshops, and initiatives highlighted in this issue reflect our collective commitment to innovation, learning, and community engagement. We look forward to many more milestones and achievements in the coming months.

Together, we remain inspired to create, collaborate, and contribute to a brighter and more dynamic academic environment.

Thank You

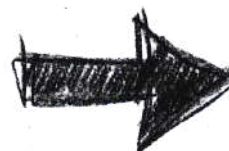
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