PRAGATI 2K26

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State Board of Technical Education Bihar

Unlock the Secrets of the World's Most Breathtaking Destinations.

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A Campus Where Dreams Take Shape ♡

Future Ready

K.N.S. GOVT POLYTECHNIC SAMASTIPUR, BIHAR



K.N.S. GOVT POLYTECHNIC SAMASTIPUR, BIHAR

Approved by the All India Council for Technical Education (AICTE), New Delhi

Affiliated with the State Board of Technical Education (SBTE), Patna/ Bihar

Approved by the All India Council for Technical Education (AICTE), New Delhi



Together We Build Tomorrow

More Than Just a College... It's a Journey!

Technical Excellence | Skilled Professionals | Better Opportunities | Brighter Future

KNS GOVT Polytechnic, SAMASTIPUR, Bihar

WELCOME

KAMESHWAR NARAYAN SINGH GOVT. POLYTECHNIC

[PRAGATI 2k26 Magazine]

Dear Students, Esteemed Faculty Members, and Beloved Alumni,

It gives us immense pleasure and pride to present the latest edition of our annual magazine, PRAGATI 2K26, from K.N.S. Govt. Polytechnic, Samastipur. This edition celebrates our collective journey through the inspiring theme "A Vision Beyond Technology"—a theme that reflects who we are, where we come from, and the path we aspire to create for tomorrow.

A college is more than classrooms, laboratories, and examinations. It is a place where curiosity is nurtured, ideas are encouraged, talents are discovered, and dreams gradually take shape. Pragati 2K26 brings together the diverse experiences of our institution—academic accomplishments, technical innovations, cultural activities, creative expressions, and the many achievements that have made the past year memorable.

Every page of this magazine carries a story. Some reflect the determination and creativity of our students, while others highlight the constant encouragement and guidance of our faculty members. Together, these contributions portray the vibrant academic and cultural environment of our campus.

As we embrace new technologies and prepare ourselves for the challenges of a rapidly changing world, we remain equally proud of the values and traditions that have guided our institution over the years. Innovation gives us the courage to move forward, tradition gives us the strength to remain grounded, and vision gives us the confidence to shape the future.

This edition is also a celebration of the achievements of our students, faculty, and alumni. Their dedication reminds us that excellence is not achieved in a single moment; it is built through continuous effort, discipline, teamwork, and determination. We believe that the students of today will become the skilled professionals, responsible citizens, and inspiring leaders of tomorrow.

Through Pragati 2K26, we hope to preserve the memories of this remarkable year while inspiring everyone to dream bigger, think differently, and contribute meaningfully to society. May these pages encourage us to appreciate our past, celebrate our present, and confidently step towards a brighter future.

We sincerely thank all the students, faculty members, alumni, and well-wishers who contributed their time, ideas, creativity, and support to make this magazine possible. Your valuable participation has transformed this publication into a true reflection of the spirit of K.N.S. Govt. Polytechnic, Samastipur.

Let us continue to learn, innovate, inspire, and grow together.

Warm regards,

The Editorial Board

K.N.S. Govt. Polytechnic, Samastipur



History

Kameshwar Narayan Singh Government Polytechnic (KNSGP), Samastipur, was established vide Department of Science & Technology Letter No. 890 dated 29.03.2016. The proposal was initiated by Finance Department Resolution No. 96 Vi (2) dated 03.01.2008 and was approved by the Cabinet on 25.01.2016 under Item No. 12.

Approximately 10 acres of land was donated by the Roy Ganga Ram Kameshwar Narayan Public Trust. The institution is situated in Kishanpur, Bibhutipur Tabhaka village, under Bibhutipur Block, Samastipur district, Bihar.

The campus is approximately 36 km from Samastipur Headquarters, 10 km from Dalsingsarai Railway Station, and 22 km from the Sub-Divisional Headquarters at Rosera. The area is famous for its cultural fair during Nag Panchami.

Our institution serves as a Hub in the Centre of Excellence for 3D Printing Technology, in collaboration with IIT Patna, under the Department of Science, Technology and Technical Education, Government of Bihar.

Education

Innovation

Community

Progress

Message From The Magazine Committee





Dr. KRISHNA KUMAR

Dr. MD. QUAISER HASHMI

It gives us immense pleasure to present PRAGATI 2k26, the annual magazine of our esteemed institution. This magazine is not merely a compilation of articles; it is a vibrant reflection of the creativity, innovation, and academic excellence of our students and faculty members. In today's rapidly changing technological and economic landscape, platforms like PRAGATI 2k26 play a crucial role in nurturing analytical thinking, research orientation, and creative expression. The contributions featured in this edition—ranging from technical insights to literary works—demonstrate the multidimensional talent of our students. As an institution, we remain committed to fostering skill development, innovation, and holistic education. Its sincerely appreciate the dedication of the editorial team, faculty mentors, and student contributors whose collective efforts have made this publication possible. May this edition inspire curiosity, critical thinking, and a spirit of continuous learning among all readers.

With best wishes,
Magazine Committee
K.N.S.G.P SAMASTIPUR

TEAM MEMBERS



Name;-Anmol Kumar
Roll No. ;- (2025-CSE-48)



Name;-Babu Saheb
Roll No. ;- (2025-CSE-29)



Name;-Gaurav Kumar
Roll No. ;- (2025-CSE-50)

CO-TEAM MEMBER



Rajesh Ranjan
Lecturer



Name;- Saurav Kumar
Roll No. ;- (2025-CSE-47)



Name;- Anshu raj
Roll No. ;- (2025-CSE-57)



Name;- Ayush Raj
Roll No: -(2024-CSE-30)



Name;-Annulata Kumari
Roll No. ;- (2024-CSE-605)



Name;-Guriya Kumari
Roll No. ;- (2024-CSE-50)



Name;-Sundaram Takhur
Roll No. ;- (2024-CSE-14)



Name;-Vivek Kumar
Roll No. ;- (2024-CSE-22)



Name:- Prashant Kumar Roy
Roll No:- (2025-CSE-19)



Name:-Rituraj Anand
NATS



Name;-Suman Kumar
Roll No. ;- (2024-CSE-45)



Name;-Aditya Kumar
Roll No. ;- (2024-CSE-21)

Message from the Magazine students Committees

Compiling Creativity:
Behind the Scenes of Pragati 2K26

Dear Readers,

As students of Computer Science, we are often reminded that the digital world is built upon logic, algorithms, structured code, and systematic thinking. Yet, while working on **Pragati 2K26**, we discovered that creativity also has its own unique architecture.

Creating a magazine is not very different from developing a complex software project. It requires a strong backend of dedication, a creative user interface of design, and, above all, the source code of imagination. Every article, photograph, artwork, and idea contributed to this edition became an essential part of the final build.

With Pragati 2K26, we wanted to create more than just a collection of printed pages. We wanted to build a platform that connects the rich traditions of Kameshwar Narayan Singh Government Polytechnic, Samastipur, with the innovation, technology, and possibilities of the future. Each contribution was carefully refined, reviewed, and optimized—much like a program being tested before its final release.

The journey, of course, came with its own set of runtime errors—late-night editing, countless revisions, tight deadlines, creative blocks, and moments when the system seemed ready to crash! But teamwork, patience, and a shared passion for creativity helped us overcome every challenge. This magazine is therefore not the work of a single individual. It is the result of collaboration, imagination, and collective effort. Every contributor has added a unique line of code to this larger program, making the final output richer and more meaningful.

We hope Pragati 2K26 becomes a space where technology meets creativity, tradition meets innovation, and ideas meet expression. May these pages inspire you to think beyond limitations and remind you that while our roots may lie in binary, our creative potential is truly infinite.

Thank you for being a part of our journey and for taking the time to explore our vision.

With creativity and gratitude,

The Magazine Committee
Kameshwar Narayan Singh Government Polytechnic, Samastipur

Disclaimer

The information, opinions, and views expressed in PRAGATI 2K26 are those of the individual contributors and do not necessarily reflect the views of the institution or the editorial board.

While the editorial board has made every effort to ensure the accuracy and authenticity of the content published in this magazine, the institution and the editorial team shall not be held responsible for any inadvertent errors, omissions, or consequences arising from the use of the information contained herein.

1. Originality and Copyright

All contributors are responsible for ensuring the originality of their work. Any instance of plagiarism or copyright infringement shall be the sole responsibility of the respective author.

2. Accuracy of Information

Technical data, project details, and other information are based on the inputs provided by students and faculty members at the time of submission and publication.

3. Photographs and Illustrations

Photographs and illustrations published in this magazine are either the property of the institution or used with appropriate permission. Unauthorized reproduction or use of these materials is prohibited.

4. Editorial Rights

The editorial board reserves the right to edit, condense, modify, or reject any contribution to ensure clarity, maintain quality, meet space requirements, and comply with institutional policies.

5. Purpose and Circulation

PRAGATI 2K26 is intended for internal circulation among students, faculty members, and alumni of Kameshwar Narayan Singh Government Polytechnic, Samastipur. The magazine is published solely for informational, educational, and representational purposes.

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Thank you for being a part of our story!

MESSAGE FROM THE PRINCIPAL'S DESK



Dr. Aftab Anjum

My Dear Students,

As the Principal of Kameshwar Narayan Singh Government Polytechnic, Samastipur, it gives me great pleasure to welcome everyone. Technical education is the backbone of every nation and serves as a stepping stone for a country to progress towards becoming a developed nation.

Kameshwar Narayan Singh Government Polytechnic, Samastipur has been actively contributing to the mission of transforming rural India into a developed nation. We firmly believe in strong academics combined with quality practical training, and we provide continuous guidance to our students so that they may emerge as excellent professionals.

With a rich tradition of pursuing academic excellence and value-based education, the institution strives to create a conducive environment for the overall personality development of students. We also foster a liberal and lively atmosphere that encourages the free pursuit of knowledge.

The main focus of our institution is to empower students with sound knowledge, wisdom, experience, and training at the academic level. Our infrastructure facilities and state-of-the-art equipment, combined with a galaxy of competent, talented, and dedicated faculty members, contribute to an enjoyable and effective learning experience.

We wish the best for all our students and the dedicated members who continually strive to provide excellence in both academic and extracurricular fields. We wish all our students and faculty a successful and rewarding career.

With regards,
Dr. Aftab Anjum
Principal
Kameshwar Narayan Singh Government Polytechnic, Samastipur

FROM TPO'S DESK



Prof. Neha Kumari

The Training & Placement Officer (TPO) of **K.N.S.G.P.SAMASTIPUR** is committed to enhancing students' employability through quality training, industry interaction, and robust placement support. We strive to bridge the gap between academics and industry by organizing skill development programs, internships, and campus drives.

Beyond technical proficiency, we emphasize the development of 'power skills'—communication, problem-solving, and professional ethics—ensuring our diplomats are not just job-ready, but future-ready leaders. Our mission is to nurture a culture of continuous learning that empowers students to adapt to the ever-evolving global technological landscape. We wish all students a successful and bright career ahead."

Neha kumari
TPO
K.N.S.G.P SAMASTIPUR

K.N.S GOVERNMENT POLYTECHNIC, SAMASTIPUR

Mob. 94734 69915 E-mail: principalknspolysamastipur@gmail.com
Website: www.knsgpsamastipur.co.in

VISION

The Institution shall act as a hub for bringing transformative impact on students through continued innovation in Education and Research along with talent incubation and production of skilled workforce imbibing cultural values so as to meet holistic needs of our Institution, nation and world at large.

MISSION

1. To provide world-class facilities in technical education, research, training and development.
2. To provide and revive teaching methodology so as to ensure paradigm shift from pedagogical learning to practical approach amongst learners.
3. To develop scientific temper among students along with conscience, commitment and dedication so as to develop them as responsible and accountable citizen of modern India.
4. Institute-Industry linkage to impart professional training laced with cutting edge technology.
5. To develop Institute environment with entrepreneurial attitude and academic excellence.

(Dr. Aftab Anjum)
Principal,
K.N.S.G.P Samastipur

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

CODE • COMPUTE • INNOVATE



VISION

"To provide a state-of-the-art computing environment that promotes innovation, technical excellence, research, and practical learning, enabling students to become competent professionals and lifelong learners in the field of Computer Science and Engineering."

MISSION

M1	To provide modern computing facilities and software tools for effective learning and experimentation.
M2	To enhance students' programming, problem-solving, and analytical skills through hands-on laboratory practice.
M3	To support academic, research, and project activities in emerging areas of computer science and technology.
M4	To encourage innovation, teamwork, ethical practices, and professional development among students.
M5	To bridge the gap between theoretical concepts and real-world applications through practical implementation and industry-relevant experiments.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

PEO 1	Develop strong technical knowledge and practical skills in computer science.
PEO 2	Foster innovation, creativity, and research-oriented thinking.
PEO 3	Prepare students for higher education, entrepreneurship, and successful careers in the IT industry.
PEO 4	Promote professional ethics, communication skills, and lifelong learning.

FROM HOD'S DESK



Prof.Raghvendra Pratap

Dear Students, Faculties, and Readers,

It gives me immense pleasure to present the Department of Computer Science and Engineering as a vibrant centre of learning, committed to excellence in technical education and the overall development of our students.

Guided by the principles of Outcome-Based Education (OBE) and continuous quality improvement, the department focuses on developing strong fundamental knowledge, practical competencies, professional ethics, and a positive attitude among students. Our aim is to prepare them to meet the evolving requirements of industry and contribute effectively to society.

Through modern laboratories, industry interaction, internships, skill-development initiatives, and project-based learning, we provide students with opportunities to transform theoretical knowledge into practical skills. We continuously encourage innovation, creativity, problem-solving, teamwork, effective communication, and lifelong learning.

Our dedicated and committed faculty members strive to create a student-centric learning environment where every student is encouraged to explore new ideas, develop confidence, and achieve their full potential. We believe that technical education is not only about acquiring knowledge and skills but also about developing responsible, ethical, and socially conscious professionals.

I am confident that our students will emerge as competent and skilled diploma engineers, equipped with the knowledge, technical abilities, and professional values required to contribute meaningfully to technological advancement and social progress.

I extend my heartfelt best wishes to all our students for a successful, rewarding, and fulfilling academic journey.

With Best Wishes,

Prof.Raghvendra Pratap
Head of the Department
Computer Science and Engineering

FACULTY OF COMPUTER SCIENCE AND ENGG.



Sri. Rajesh Ranjan



Sri. Deepak kumar

CLASS ROOM & LAB ACTIVITIES







The CSE Department project programme provides students with practical exposure to software development, programming, database management, networking, artificial intelligence, web applications and emerging technologies. Through individual and team-based projects, students apply their academic knowledge to real-world problems while developing technical skills, problem-solving abilities, creativity, teamwork and project management skills.

Lab of CSE DEPATMERNT:



Department of Electrical Engineering

VISION

To develop competent and innovative electrical engineers with strong technical skills, practical knowledge, and professional values to address modern technological challenges and contribute to sustainable development and society.

MISSION

M1	To provide quality technical education through strong theoretical knowledge and practical, hands-on learning.
M2	To foster innovation and problem-solving skills through projects, modern technologies, and industry-oriented learning.
M3	To develop professional ethics, teamwork, and lifelong learning for responsible professional growth.
M4	To promote sustainable technologies and renewable energy practices for addressing societal and environmental challenges.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO 1	To enable graduates to apply fundamental knowledge and practical skills in electrical engineering for successful professional careers.
PEO 2	To develop graduates capable of solving engineering problems through innovation, critical thinking, and effective use of modern technologies.
PEO 3	To prepare graduates for lifelong learning, professional growth, entrepreneurship, and adaptation to emerging technologies.
PEO 4	To nurture graduates who demonstrate professional ethics, teamwork, social responsibility, and commitment to sustainable development.

FROM HOD'S DESK



Miss. SUPRIYA KUMARI

Dear Students, Faculties, and Readers,

It gives me immense pleasure to share a message through our college magazine, which beautifully reflects the achievements, creativity, and aspirations of our students.

The Department of Electrical Engineering is committed to developing technically skilled, innovative, and responsible professionals. Our focus is on strengthening fundamental concepts along with hands-on learning through well-equipped laboratories in Electrical Machines, Power Systems, Power Electronics, Control Systems, and Electrical Measurements.

We encourage students to explore renewable energy, automation, emerging technologies, projects, workshops, and industry-oriented applications, enabling them to connect classroom learning with real-world challenges.

I sincerely appreciate the efforts of our faculties and students in contributing to the growth of the department. I am confident that our students will continue to learn, innovate, and achieve excellence in their professional journey.

My best wishes to the editorial team and all the contributors for the successful publication of the magazine.

With Best Wishes,

Miss. Supriya Kumari
Head of the Department Electrical Engineering

FACULTIES OF ELECTRICAL ENGG.



Miss. Supriya kumari



Prof. Manish kumar



Prof. Neha kumari



Md. Saifullah

LAB OF ELECTRICAL DEPARTMENT





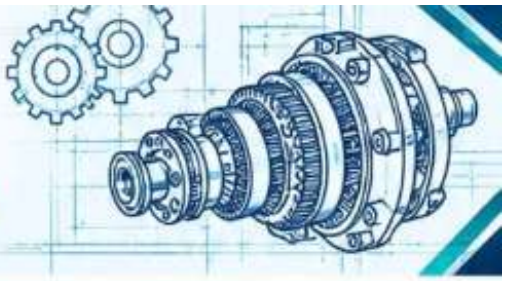








DEPARTMENT OF MECHANICAL ENGINEERING



VISION

"To develop competent, innovative and socially responsible mechanical engineering diploma students who can meet the evolving needs of industry and society through quality technical education, practical skills and ethical values."

MISSION

M1	To impart strong fundamental knowledge in mechanical engineering principles through outcome-based teaching-learning process as per AICTE norms.
M2	To develop practical and technical skills in students by providing hands-on training, laboratory work, industry exposure and use of modern tools and technologies.
M3	To promote problem solving, teamwork and communication skills required for employment, entrepreneurship and higher education.
M4	To inculcate professional ethics, safety awareness and environmental sustainability in engineering practices.
M5	To encourage lifelong learning and adaptability to keep pace with technological advancement and industry requirements.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO 1	Use basic knowledge of engineering sciences, mathematics and mechanical engineering to work effectively as supervisors or technicians in core mechanical and related sectors.
PEO 2	Adhere to industrial and public sector organizations, established engineering practices, safety standards, and quality requirements when operating, maintaining and supporting mechanical systems, machines, and processes.
PEO 3	Using the proper instruments, methods, and contemporary engineering practices, identify and resolve common engineering issues pertaining to manufacturing, production, thermal, and design systems.
PEO 4	Perform well both individually and as a team, communicate effectively, and exhibit professionalism, discipline, and ethical responsibility in work and public service settings.
PEO 5	Adapt to innovations in technology and support sustainable development, pursue lifelong learning through professional training, skill development programs, or higher education.

FROM HOD'S DESK



Prof. Jayram Kumar

Dear Students, Faculties, and Readers,

It gives me immense pleasure to present the Department of Mechanical Engineering, committed to excellence in technical education, innovation, and professional development. Our department strives to provide students with a strong foundation in theoretical knowledge, practical skills, creativity, and problem-solving abilities. Through modern teaching methodologies, well-equipped laboratories, workshops, industrial training, and project-based learning, we prepare our students to meet the evolving demands of industry and society.

The establishment of the Centre of Excellence – 3D Printing Laboratory, in collaboration with IIT Patna, marks an important step towards promoting advanced manufacturing, research, innovation, and sustainable engineering practices.

I sincerely appreciate the dedication of our faculty, staff, and students in building a culture of excellence and teamwork. Together, we remain committed to nurturing competent, innovative, ethical, and socially responsible engineers who can contribute meaningfully to technological advancement and nation building.

Prof. Jayram Kumar
Head of the Department
Department of Mechanical Engineering

FACULTY OF MECHNICAL ENGG.



Dr. Aftab anjum



Prof. Jayram Kumar



Dr. Piyush kumar Pathak



Prof. Ranjay Pasawan



Prof. Sudhir Kumar



Prof. Nuzhat Masoom

LAB OF MEACHINAL DEPARTMENT













DEPARTMENT OF CIVIL ENGINEERING

BUILDING • CONNECTING • SUSTAINING



VISION

To be a recognized center of excellence in Civil Engineering education, producing technically competent, ethically sound, and industry-ready diploma professionals committed to the sustainable infrastructure development of Bihar and the nation.

MISSION

M1 — **Academic & Structural Foundation:**
To impart quality technical education by delivering a rigorous curriculum and robust practical training in core civil engineering and structural mechanics.

M2 — **Skill & Industry Readiness:**
To develop industry-ready professionals by bridging the gap between theoretical knowledge and field practices through skill development initiatives, site visits, and modern engineering tool usage.

M3 — **Ethics & Lifelong Learning:**
To instill professional ethics, leadership qualities, and a commitment to sustainable environmental practices, while fostering a culture of lifelong learning for continuous career advancement.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO 1 — **Core Technical Competency:**
Graduates will apply fundamental principles of civil engineering, particularly in structural mechanics, materials, and construction techniques, to solve real-world infrastructure challenges and effectively execute engineering projects.

PEO 2 — **Professional Skill & Industry Adaptability:**
Graduates will demonstrate proficiency in using modern engineering tools, surveying equipment, and industry-standard practices for site management, quality control, and maintenance of civil structures.

PEO 3 — **Ethics, Teamwork, and Sustainability:**
Graduates will work collaboratively in diverse environments, exhibiting strong communication, leadership qualities, and a strict adherence to professional ethics and sustainable construction practices.

PEO 4 — **Lifelong Learning & Career Progression:**
Graduates will engage in continuous professional development by pursuing higher education (such as B.Tech), upgrading their technical skills, or advancing through departmental and administrative roles within government and private sectors.

From Foundation to a Stronger Tomorrow

FROM HOD'S DESK



Prof. Vishwajeet Kumar Bhartiyam

Dear Students, Faculties, and Readers,

It gives me immense pleasure to share my message through the Annual College Magazine of our Institute. This publication truly reflects the academic environment, technical competence, and creative potential of our students.

The Department of Civil Engineering is committed to delivering quality technical education in accordance with the guidelines of the State Board of Technical Education, Bihar, and AICTE. In line with our vision of continuous improvement, the department is actively working towards NBA accreditation, with a strong focus on Outcome-Based Education (OBE), academic excellence, skill development, and industry relevance.

Our faculty members are consistently engaged in curriculum enrichment, effective teaching-learning processes, practical training, student mentoring, and systematic documentation as per NBA norms. The active participation of students in academics, industrial training, field exposure, and technical activities plays a vital role in achieving our quality objectives.

I appreciate the dedicated efforts of the faculty, students, and staff in supporting the accreditation process and upholding high academic standards. I congratulate the editorial team for their commendable work in bringing out this Annual Magazine.

I wish all our students a successful professional career and encourage them to uphold the values of discipline, professionalism, and lifelong learning.

Prof. Vishwajeet Kumar Bhartiyam
Head of the Department
Civil Engineering

FACULTY OF CIVIL ENGG.



Prof. Vishwajeet kr bhartiyam



Prof. Raghvendra Pratap



Dr. Rajesh kumar



Sri. Rahul Nishad

LAB OF CIVIL DEPARTMENT





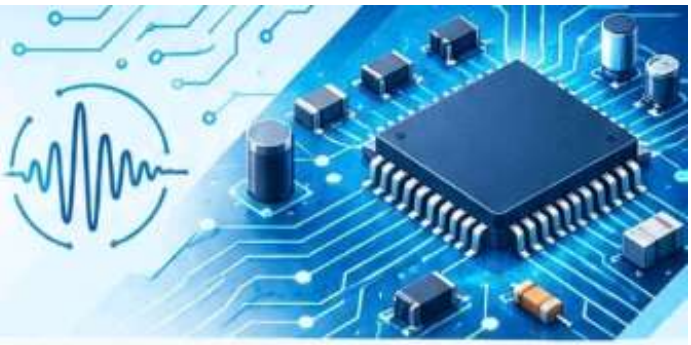








DEPARTMENT OF ELECTRONICS ENGINEERING



VISION

To develop competent, innovative and socially responsible Electronics Engineering professionals equipped with strong technical knowledge, practical skills and ethical values to meet the evolving needs of industry and society.

MISSION

M1	To provide quality technical education through effective teaching-learning practices, laboratory-based training and hands-on experience.
M2	To develop practical skills, problem-solving abilities and employability competencies relevant to the electronics and allied industries.
M3	To promote innovation, creativity and the use of emerging technologies through projects, workshops, industrial exposure and skill development activities.
M4	To foster professional ethics, teamwork, communication skills and lifelong learning among students.
M5	To encourage students to contribute to society through sustainable, safe and socially responsible applications of electronics technology.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO1	Apply fundamental knowledge of electronics engineering to install, operate, test, troubleshoot and maintain electronic systems and equipment.
PEO2	Develop technical and practical competencies required for successful employment in electronics, communication, automation, embedded systems and allied industries.
PEO3	Use engineering knowledge, modern tools and problem-solving skills to address practical engineering problems and contribute effectively to industrial projects.
PEO4	Demonstrate professional communication, teamwork, leadership and ethical behavior while working in multidisciplinary environments.
PEO5	Pursue higher education, entrepreneurship, skill development and lifelong learning to adapt to technological advancements and changing industrial requirements.

FROM HOD'S DESK



Prof. Sandeep Kumar

Dear Students, Faculties, and Readers,

It gives me immense pleasure to state that the Department of Electronics Engineering continues to evolve as a vibrant centre of academic excellence, innovation, and technological advancement. In today's rapidly transforming world, electronics is not merely a discipline—it is the driving force behind digital transformation. From smart communication systems and advanced healthcare devices to automation and sustainable energy solutions, electronics engineering plays a pivotal role in shaping the future.
Our department remains committed to equipping students with strong theoretical foundations, complemented by practical exposure and research-oriented learning.
This academic year has been marked by notable accomplishments. Our students have demonstrated exceptional talent in technical competitions and collaborative projects. Their achievements reflect not only their dedication but also the unwavering mentorship provided by our committed faculty members.
We continuously strive to modernize our curriculum by incorporating emerging domains such as Artificial Intelligence, Internet of Things (IoT), and Embedded Systems. Our vision is to nurture diploma engineers who are innovative thinkers, ethical leaders, and responsible contributors to society.

Prof.Sandeep Kumar
Head of the Department
Electronics Engineering

FACULTY OF ELECTRONICS ENGG.



Prof. Sandeep Kumar



Prof. Chandan Kumar



Sri. SameerKumar Sharma



Sri. Manish Kumar

LAB OF ELECTRONICS DEPARTMENT













DEPARTMENT OF APPLIED SCIENCE AND HUMANITIES

INTRODUCTION :

The Department of Applied Science and Humanities is one of the foundational departments of an engineering institution. It provides students with the basic knowledge and essential skills required to understand and apply engineering concepts effectively. The department generally covers subjects such as Engineering Mathematics, Engineering Physics, Engineering Chemistry, Communication Skills, Environmental Science, and other fundamental subjects.

vision:

"Tobecome a center of excellence in Applied Sciences and Humanities by providing strong fundamental knowledge, innovative learning, effective communication skills, ethical values, and a scientific approach, thereby preparing students to meet the challenges of modern technology and contribute positively to society."

MISSION:

- To provide strong fundamental knowledge in mathematics, physics, chemistry, communication skills, and other basic sciences necessary for engineering education.
- To develop analytical and problem-solving abilities among students through conceptual learning, practical experiments, numerical applications, and innovative activities.
- To improve communication and interpersonal skills so that students can effectively express their ideas in academic, professional, and social environments.
- To encourage scientific thinking and innovation by motivating students to explore new ideas, conduct experiments, participate in projects, and understand the practical applications of science and technology.
- To develop professional and ethical values among students and encourage them to become responsible professionals who understand their duties toward society and the environment

FROM HOD'S DESK



Prof. Md. Quaiser Hashmi

Dear Students, Faculties, and Readers,

The Department of Science & Humanities plays a vital role in building a strong academic foundation for our students. Our department is committed to developing scientific thinking, effective communication skills, ethical values, and a positive attitude among students, enabling them to face the challenges of higher education and the professional world with confidence.

We focus on strengthening the fundamental concepts of Mathematics, Physics, Chemistry, English, and other essential areas through effective teaching methodologies, practical learning, laboratory activities, and continuous academic guidance. Our aim is not only to impart knowledge but also to encourage curiosity, creativity, critical thinking, and a spirit of lifelong learning.

I sincerely appreciate the dedication and hard work of our faculty members, staffs, and students. Their collective efforts play an important role in creating a positive and enriching learning environment. I am confident that our students will continue to pursue excellence, develop into responsible professionals, and make meaningful contributions to society and the nation.

I extend my best wishes to all the students and contributors for the successful publication of PRAGATI 2026, the annual magazine of K.N.S. Government Polytechnic, Samastipur.

Dr. Md. Quaiser Hasshmi
Head of the Department
Department of Science & Humanities

FACULTY OF SCIENCE & HUMANITIES.



Dr. Md. Quaiser Hashmi



Dr. Krishna Kumar



Prof. Ankita prasad



Prof. Shahina Parveen



Md. Imran Ansari



Sri. Kedarnath Thakur

Lab of Applied Science and Humanities








Lab of 3D Printing:



OFFICE STAFF



SRI. DIGVIJAY CHOUDARY
U.D.C



MD. TANVEER ALAM
L.D.C



SRI. NIRAJ KUMAR
D.E.O



SRI. JIGYANSHU KUMAR
D.E.O

Rise, Stretch, Rejuvenate

Students at Kameshwar Narayan Singh Government Polytechnic, Samastipur came together for a refreshing morning yoga session



DEBATE SESSION

ORGANIZED BY



Kameshwar Narayan Singh

Government Polytechnic Institution, Samastipur

EVENTS:

PAHAL CLASSES:













EVENTS:

PARENT'S FACULTY MEETING



Kameshwar Narayan Singh

Government Polytechnic Institute, Samastipur

Parents-Faculty Meeting at KNSGP,SAMASTIPUR

The Parent-Faculty Meeting at **KNS Government Polytechnic, Samastipur** (KNSGP) provides an opportunity for parents and faculty members to discuss students' academic performance, attendance, discipline, and overall development. During the meeting, teachers share feedback about students' progress and discuss their strengths and areas for improvement. Parents can also share their suggestions and concerns with the faculty. Such meetings help strengthen communication and cooperation between parents and the institution, ensuring better guidance and support for students.

EVENTS:

INDEPENDENCE DAY:













EVENTS:

TEACHER'S DAY:



EVENTS:

SWACHH BHARAT ABHIYAN:



The Swachh Bharat Abhiyan at KNS Government Polytechnic, Samastipur (KNSGP) aims to promote cleanliness, hygiene, and environmental awareness among students and staffs. As part of this initiative, students and teachers participate in campus cleaning activities, waste management, plantation drives, and awareness campaigns. The campaign encourages everyone to use dustbins, avoid littering, reduce the use of single-use plastic, and maintain personal hygiene. Such activities help to create a clean, green, and healthy college environment while encourage students to contribute towards the vision of a cleaner and better India.

EVENTS:

ALUMINI MEET:









Alumni Meet at **KNSGP Samastipur** is an initiative that brings together former students, faculty members and present students to share experiences, memories and professional journeys. The event provides an opportunity to strengthen the connection between alumni and the institution, exchange knowledge, and encourage students through valuable guidance and interaction.

EVENTS:

UMANG





Umang Sports at KNSGP Samastipur promotes sports, fitness and teamwork among students through various indoor and outdoor activities. It provides students with opportunities to participate in sports events and competitions while developing discipline, team spirit, leadership and sportsmanship. Through active participation, KNSGP Samastipur encourages students to maintain a healthy balance between academic learning and physical well-being.







EVENTS:

UMANG SPORTS:





STATE LEVEL RUNNER(4X400 m)
Relay Race









FACULTY STATE LEVEL
(200 M)

EVENTS:

HACKATHON:



1ST STATE LEVEL WINNER











2ND HACKATHON WINNER

EVENTS:

MENTAL HEALTH AWARENESS:



















2026 Class of









STUDENT CORNER





PLACEMENT DRIVE AT K.N.S.G.P CAMPUS













K.N.S GOVT. POLYTECHNIC
SAMASTIPUR

Our Recruiters



NEWS ARTICLES

DAILY NEWS 27.03.2025

मुस्कान जिला नशा मुक्ति केंद्र द्वारा नशा मुक्त भारत अभियान अंतर्गत नशा उन्मूलन पर सेमिनार सह जागरूकता कार्यशाला का आयोजन



समस्तीपुर।नशा मुक्त भारत अभियान समस्तीपुर के उपक्रम में समस्तीपुर पॉलिटेक्निक,टाजपुर, समस्तीपुर में नशा उन्मूलन एवं जागरूकता कार्यशाला का आयोजन सुबहान्ति जिला नशा मुक्ति केंद्र,समस्तीपुर द्वारा जिला नशा/कार्यक्रम सह जागरूकता संयोजक के तत्वावधान में किया गया। कार्यशाला को संबोधित करते हुए डॉ आफताब ने कहा कि समाज में बढ़ती नशे की प्रवृत्ति को रोकने और एक स्वस्थ समाज के निर्माण के बहन कार्यक्रम का मुख्य उद्देश्य युवाओं और समाज को नशे के दुष्प्रभावों से अवगत कराना है, साथ ही नशा मुक्ति के उपायों की जानकारी उपलब्ध कराना है। छात्रों से अपील की कि वे नशे से दूर रहें और समाज में जागरूकता फैलाने में सक्रिय भूमिका निभाएं। इस अवसर पर संयोजक डॉ. आफताब आलम, कार्यपूर्व कार्यक्रम पदाधिकारी प्रीतिकुमारी, डॉ विनोदानंद झा, डॉ. मुकेश कुमार, डॉ विनोदानंद झा, डॉ सुरेश कुमार, डॉ विनोदानंद झा, डॉ सुरेश कुमार, डॉ विनोदानंद झा, डॉ सुर

Thank You

"Every page has a story.Every story has a journey."

As we bring this edition of our college magazine to a close, we would like to express our heartfelt gratitude to everyone who made this journey possible.

A special Thank You to our respected Principal, faculty members,staff,and all the students of Kameshwar Narayan Singh Government Polytechnic , Samastipur for their constant support, guidance, creativity,and enthusiasm.

This magazine is more than a collection of pages—it is a reflection of our ideas, talents, memories, achievements, and campus life. Every contribution, whether big or small, has helped to turn this vision into reality.

We are grateful to every student who shared their creativity, every teacher who encouraged us, and everyone who contributed their time and effort behind the scenes.

THIS MAGAZINE IS OUR STORY.

OUR CAMPUS. OUR PEOPLE. OUR MEMORIES.

Thank you for being a part of it.

With gratitude & pride,
The Editorial Team
Kameshwar Narayan Singh Government Polytechnic , Samastipur

✦ SEE YOU IN THE NEXT EDITION ✦

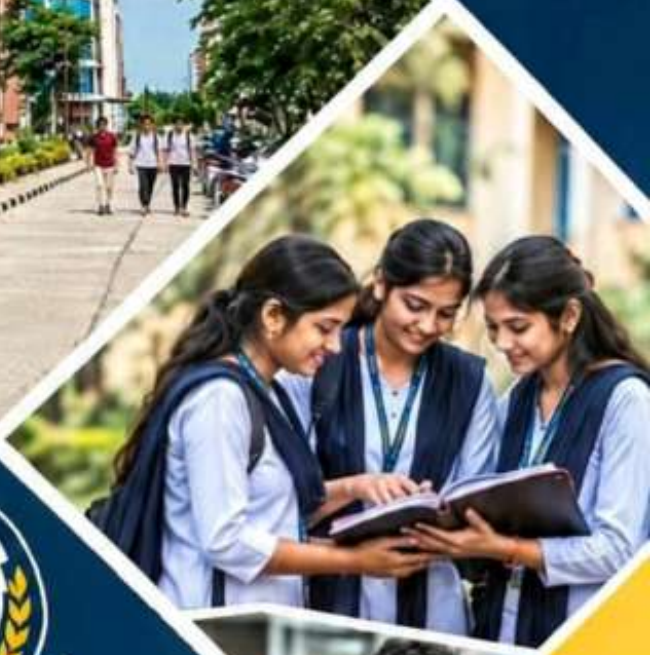
Keep creating • Keep learning • Keep inspiring

Learn
Build
Grow
For a Better Tomorrow

Technical Skills
Better Career
Brighter Future











विद्या ददाति विनयम्

KNSGP
SAMSTIPUR

KNOWLEDGE | SKILL | PROGRESS

(A GOVERNMENT POLYTECHNIC)
SAMSTIPUR

PIN CODE
848160

Dream
Learn
Achieve

OUR HIGHLIGHTS

- Diploma in Engineering & Technology
- Well-Equipped Labs & Modern Infrastructure
- Experienced & Dedicated Faculties
- Placement Support & Career Guidance
- Holistic Development Beyond Academics

WHY CHOOSE KNSGP

- Government Recognized & Affiliated
- Diploma in Popular Engineering Streams
- Centrally Located in Samastipur
- Focus on Practical Learning & Industry Exposure
- Supportive & Friendly Campus Environment



KNSGP Samstipur
Samstipur, Bihar – 848160

Together Towards a Better Future

A Govt. Polytechnic
Committed to Excellence