



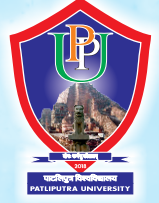
Estd.-1960

T.P.S. COLLEGE

CHIRAIYATAND, PATNA - 800001

(A CONSTITUENT UNIT OF PATLIPUTRA UNIVERSITY, PATNA)

NAAC Accredited 'B' Grade



Estd.-2018



IQAC NEWS BULLETIN 2025

Prof. (Dr.) Tapan Kumar Shandilya

Principal-cum-Chairperson

Prof. Rupam

IQAC Co-ordinator

Objective of the IQAC

The IQAC is a vital component of College quality management system in alignment with vision and mission of the college it aims to provide a transformative and inclusive environment that nurtures, skilled, ethical and future ready learners through holistic and innovative education.

Vision

The vision of the college is to become a premier institution of higher learning, fostering academic excellence, innovation, and social responsibility, while promoting holistic development and inclusivity.

Mission

1. Fostering innovation and creativity with professional discipline and hard work.
2. Inculcating a sense of moral values, National pride and universal brotherhood among the students.
3. Creating an environment of intellectual competence, scientific temper, environmental consciousness and awareness towards social responsibilities.
4. Integrating a global perspective with the infusion of a sense of justice in their personality.

Editorial Board



Patron

Prof. (Dr.) Tapan Kumar Shandilya



Editor

Prof. Rupam



Co-Editor

Prof. Anjali Prasad



Co-Editor

Dr. Sananda Sinha

Workshop on Genomics, Proteomics and Bioinformatics

29th July 2024

A workshop on genomics, proteomics, and bioinformatics was organized by the Department of Botany on 29/07/2025. It is significant as it provides participants with comprehensive knowledge of modern biological research and computational analysis. It enhances understanding of genetic and protein functions, enabling the interpretation of large-scale biological data. Through hands-on training in sequencing, data analysis, and bioinformatics tools, participants develop essential research and analytical skills. The workshop fosters inter disciplinary collaboration, innovation, and problem-solving in fields like medicine, agriculture, and biotechnology. It also prepares students and researchers for emerging career opportunities while promoting the application of genomic and proteomic technologies to address global health and environmental challenges.



Intellectual Property Rights

31st July 2024

A talk on Intellectual Property Rights: Meaning and Relevance in Teaching and Academic Research was organized by IQAC on 31.07.24. Ms Sugandha Sinha, a faculty of Law, from CNLU, Patna delivered the talk. She gave an overview on the meaning of Intellectual Property Rights and its role in teaching and academic research. Emphasis was laid on types of IPR like Patents Copyrights, Trademarks and Trade-secretes. Emphasis was also laid on the benefits of protection, promotion and encouragement of innovation through IPR. Challenges regarding IPR laws and regulations, balancing protection and sharing and understanding complex laws were also defined. By understanding IPR academics and researches can protect their works collaborate effectively and contribute to works innovation and knowledge sharing.



Anti Nuclear Campaign Day

6th August 2024

The Department of Physics, T.P.S. College, organized an “Anti Nuclear Campaign Day” on August 6th, 2024, to spread awareness about the destructive consequences of nuclear warfare and to promote the message of peace and humanity. The programme was graced by the presence of the principal of the college, faculty members from various departments, and a large number of students. In his address, the Principal appreciated the initiative of the Department of Physics for organizing such a meaningful campaign that combined scientific understanding with social responsibility.



Figure: Observance of “Anti Nuclear Campaign Day” in the Department of Physics, T.P.S. College, Patna.

Students prepared charts and models on themes such as Artificial Transmutation, Constructive Uses of Nuclear Energy, Formation of nuclear bomb: The Manhattan Project, Nuclear age, Anti-Nuclear Movements, Atomic Bombing on Japan, Disposal of Nuclear Waste, e.t.c. The campaign successfully conveyed the message — “war kills, peace heals”, “Choose life, not war”, “Invest in people, not in nuclear weapons,” and inspire everyone to work towards a peaceful and sustainable future.

Guest Lecture on the Quit India Movement

8th August, 2024

To Mark the anniversary of the historic **Quit India Movement** Of 1942, the department of history organized on special guest lecture on 8th August 2024 on the topic “vxLrdzkafr % fcgkj ds fo”ks'kklanHkZesa+ PThe invited resource person was Prof. Jaidev Mishra, Retired prof. and former head, department of ancient Indian History Archaeology, Patna University, Patna . He highlighted the significant role played by the people of Bihar in **Quit India Movement** characterized by widespread public participation including students, workers and peasants leading to widespread resistance against-British symbols of authority like post office, police station and railways.



World Lion Day

9th August 2024

On the occasion of "World Lion Day" a special lecture was organised by the Department of Zoology, T.P.S. College, Patna on 9th August 2024. The lecture was delivered by Dr. Arun Kumar, Ex-Head Department of Zoology, who addressed the students on the importance of lion conservation, the urgent need for collective efforts toward their protection and its vital role in biodiversity. The increasing threats faced by lion population, habitats and human wildlife conflict throughout the country was also discussed. The lecture also shed light on ongoing conservation programs in India and other parts of the world, encouraging students to understand and support scientific and community-based approaches.



Workshop on Microbiology and Molecular Techniques

29th August 2024

A workshop on microbiology and molecular techniques organised by Department of Botany is significant. It provides participants with practical knowledge of microbial identification, cultivation and genetic analysis. It enhances understanding of microorganisms and their roles in health, environment, and industry. Through hands-on training in techniques such as PCR, DNA extraction, and microscopy, participants develop essential laboratory and analytical skills. The workshop promotes research competence, innovation, and biosafety awareness. It also bridges theoretical concepts with real world applications in medicine, agriculture, and biotechnology, preparing students and researchers for advanced studies and careers in microbiology, molecular biology, and related scientific fields.



Hands – on training on Protein purification & characterization

27th September 2024

A hands-on training on protein purification and characterization was organised by the Department of Botany. It provides practical experience in isolating, analyzing, and studying proteins—key molecules in all biological processes. Participants learn essential techniques such as chromatography, electrophoresis, and spectrophotometry, which are vital for biochemical and biotechnological research. The training enhances understanding of protein structure, function, and interactions, fostering analytical and problem-solving skills. It bridges theoretical knowledge with experimental applications in fields like drug development, enzyme technology, and molecular biology. Such training prepares students and researchers for careers in research, pharmaceuticals, and biotechnology by building strong laboratory and technical competencies.



Quiz Competition On Gandhi Jayanti.

1st October 2024

In commemoration of Gandhi Jayanti quiz competition was organised by Department of History held on 1st October 2024. Students enthusiastically participated answering question related to Mahatma Gandhi's life, philosophy, and contribution to India's freedom struggle. The event not only enriched student's knowledge but also encouraged healthy academic competition and team work.



International Conference on New Approaches in Material Fabrication for Environmental Clean-up & Impacts on Human Health (ICAMEH-2024)

17th – 19th October 2024

- The International Conference on “New Approaches in Material Fabrication for Environmental Clean-up & Impacts on Human Health (ICAMEH 2024)” was a premier academic gathering organised by LGEC, Department of Chemistry, TPS College, Patna from October 17th to 19th 2024.
- The inaugural session featured dignitaries like Prof. Girish K. Choudhary (Chief Guest) and Prof. R. K. Singh (Chief Patron). It included the release of a conference souvenir and the book "Laboratory Chemistry," alongside a keynote address by Prof. Hongqui Sun (University of Western Australia).
- The three-day event was structured around six technical sessions, which included invited talks by experts such as Prof. Ashok K. Ghosh (on pollution's effects), Prof. Ram Janay Choudhary (on advanced materials), and a plenary talk by Prof. H. C. Verma (on his "SURRELA" concept), along with oral and poster paper presentations.
- The conference covered a wide range of cutting-edge topics including novel materials, green chemistry, micro and nanomaterials, AI, green hydrogen technologies, drug design, and emerging contaminants, fostering significant knowledge exchange and collaboration.
- ICAMEH 2024 was deemed highly successful, inspiring young researchers, generating media attention, and receiving recognition from the Honorable Governor of Bihar, underscoring its impact on stimulating research and raising awareness about environmental and health challenges.



Workshop on "Vascular Plant Taxonomy : Fields, Identification and Plant Nomenclature"

27th October 2024

A workshop on “Vascular Plant Taxonomy: Field Skills, Identification and Plant Nomenclature” organised by the Department of Botany. It equips participants with practical knowledge of plant classification, identification, and naming conventions. It enhances understanding of plant diversity, morphology, and evolutionary relationships. Through fieldwork and herbarium techniques, participants



develop essential skills in specimen collection, documentation, and taxonomic analysis. The workshop promotes accurate plant identification crucial for biodiversity conservation, ecological research, and environmental management. It bridges theoretical taxonomy with real-world applications, fostering scientific observation, analytical thinking, and appreciation for plant diversity among students, researchers, and environmental professionals.

Programme On Gender Equality

20th & 21st November 2024

A two day training programme on gender equality was organised by the IQAC on 20th and 21st nov 2024. The main aim of the programme was to make awareness among the students that individuals of all genders have equal opportunities rights and responsibilities. It promotes Social justice, fosters economic growth and improves health and well-being. Stereotypes biases, discrimination, violence and under representation of women and marginalized genders in leadership positions and decision making process are the major challenges faced during the process. Students were also made aware of the importance and functioning of Dial 112. By promoting gender equality a more just and equitable society can be created where everyone has an opportunity to thrive.



Workshop on recent advancement in animal models

25th November 2024

The Department of Botany organised a workshop on recent advancements in animal models. It provides insight into the latest techniques and ethical approaches used in biomedical and preclinical research. It enhances understanding of how animal models contribute to studying disease mechanisms, drug development, and therapeutic testing. Participants gain knowledge of innovative models, genetic manipulation, and alternative methods that improve research accuracy and reduce animal use. The workshop fosters responsible scientific practices, critical thinking, and technical competence. It bridges theory with practical applications, preparing students and researchers for advanced studies and careers in biomedical sciences, pharmacology, and toxicology.



SPARSHAA 2025 on "Empowering Indian Youth for Global Leadership in Science and Innovation for Viksit Bharat"

27th February 2025

SPARSHAA 2025 on "Empowering Indian Youth for Global Leadership in Science and Innovation for Viksit Bharat" is significant as it aims to inspire and equip young minds to become future leaders in scientific research and technological advancement. The event organised by the Department of Botany fosters creativity, innovation, and critical thinking among students and researchers, aligning with India's vision of a developed and self-reliant nation. It provides a platform for knowledge exchange, collaboration, and showcasing innovations addressing global challenges. By promoting scientific temper, entrepreneurship, and leadership skills, SPARSHAA 2025 empowers youth to contribute meaningfully to national progress and global scientific excellence.



World Wildlife Day

3rd March 2025

The "World Wildlife Day" was celebrated by the Department of Zoology, on 3 March 2025, on the theme "Wildlife Conservation Finance: Investing in People and Planet." The event aimed to highlight the critical link between sustainable development, community participation, and wildlife conservation. It focused on how community participation played a key role in securing long-term conservation, outcome and maintaining healthy ecosystem. During the programme, students and faculty members



discussed the importance of community involvement to ensure the protection of wildlife and natural habitats. The session proved meaningful, as it inspired participants to engage positively in sustainable development, responsible use of natural resources, and the long-term protection of wildlife. The event concluded with encouraging remarks from the faculty members which motivated students to stay committed to environmental protection and to take an active role in promoting conservation awareness which was fulfilling the vision and mission of the department.

Celebration of Science and Environment Fest 2025

8th April 2025

T.P.S. College, Patna organised its 3rd **Science & Environment Fest "INDRADHANUSH"** on 8th April 2025 under the aigies of Internal Quality Assurance Cell (IQAC) The themes of the fest were based on

(1) Green Energy (2) Artificial Intelligence. The presentation of the fest was divided into two segments(I). Poster Presentation (2). power Point Presentations. Students from all the departments actively participated in the programme and presented their posters and Power Points presentation and shared their ideas under both the themes. The presentations covered the broader areas such as sustainable development, urban planning, climate



change, uses of green energy in agriculture and industries etc. Some research area like uses of algae in production of green energy was also highlighted during the presentation. Whereas, different dimensions covered such as quantum computing, smart farming, AI in life science, uses of AI in agricultural and industrial areas as well as overall impact of AI on society were also explained under the theme of Artificial Intelligence (AI).

The chief guest of the event, Prof. Rimjhim Sheel, Principal, Ganga Devi College, Patna addressed the students on the significance of green energy and discussed the advantages and disadvantages of artificial intelligence in our lives. The program turned out to be a successful event and its was concluded with word of appreciation and encouragement for the students by the principal of the college for their creativity and active Participation.

A Farewell to Leadership : Prof. Upendra Prasad Singh

All teaching and non teaching staff of TPS College, Patna extend their deepest gratitude and well wishes to our respected principal, Prof. Upendra Prasad singh on his successful completion of seven and half years of dedicated service.

Under his dynamic leadership, the college achieved significant milestones in academic excellence, infrastructure development and student welfare. His visionary leadership had been instrumental in raising the college environment and academic standards. During his tenure several new initiatives and programmes were successfully launched,

We extend our heartfelt congratulations to him. on this outstanding achievement and wish him Continued success.



Interim Leadership

All teaching and non teaching staff of College welcomed the senior most teacher of the college Prof. (Dr.) Rupam, Head Department of Psychology and coordinator IQAC as Professor-in-charge for the period 1st June 2025 to 2nd July 2025.



World Environment Day

5th June, 2025

World Environment Day was celebrated on 5th June 2025 by department of Botany. It holds great significance as it raises global awareness about environmental protection and sustainable living. It serves as a reminder of our responsibility to preserve natural resources and combat challenges such as climate change, pollution, and biodiversity loss. The day inspires individuals, communities, and nations to take positive actions for a greener planet through tree planting, clean-up drives, and eco-friendly initiatives. By promoting environmental education and collective responsibility, World Environment Day 2025 encourages people to adopt sustainable practices and work together towards building a cleaner, healthier, and more sustainable future for all.



International Yoga Day

21st June 2025

International yoga day was celebrated on 21st June 2025 in the college. It was jointly organized by the IQAC, NSS and NCC. Prof Rupam, Professor-in-Charge of the college inaugurated the program Mr Jaiprakash as the resource person solemnized the program. He emphasized the benefits of asanas and pranayam and also highlighted how it helps in reducing stress and tension in human's life.

A large number of students participated in the program and practiced asanas and pranayam during the session.



Welcome to the New Leadership

Our new Principal, Prof. (Dr.) Tapan Kumar Shandilya, officially assumed his responsibilities on 3rd July 2025. Dr. Shandilya joins us following an illustrious tenure as the Vice-Chancellor of Shyama Prasad Mukherjee University, Ranchi, where he demonstrated transformative leadership and a deep commitment to institutional growth. An eminent scholar of national and international repute, his intellectual contributions are reflected in publications in prestigious journals and authored books in economics and intersecting fields like political philosophy which showcase a remarkable, interdisciplinary intellect that bridges theory with impactful insight. He possesses a clear and pragmatic vision for the future, one that promises to elevate our college's academic environment, enhance student-centric initiatives, and strengthen our community ethos. We are confident that under his adept guidance, T.P.S. College will scale new heights of innovation and distinction.



ACTIVITIES

NSS

NCC

SPORTS

टी.पी.एस. कॉलेज, पटना
राष्ट्रीय सेवा योजना इकाई - II
एक पेड़ मों के नाम
प्रतिज्ञा कार्यक्रम
 स्थान - टी.पी.एस. कॉलेज, पटना
 दिनांक 06.08.2024 समय : 09.25 - 10.25 पूर्वाह्न
 आयोजिका
डॉ. नतुन कुमारी
 कार्यक्रम प्राधिकात्री, न.स.जी. इकाई-II,
 टी.पी.एस. कॉलेज, पटना
 मों के नाम पर
 पीछाकेस कार्यक्रम
प्रो. उपेन्द्र प्रसाद सिंह
 प्राणालयाय
 टी.पी.एस. कॉलेज, पटना

टी.पी.एस. कॉलेज, पटना
के द्वारा
रक्तदान शिविर का आयोजन
 दिनांक : 23.08.2024, समय : सुबह 11:00 बजे से
 स्थान : कुलानुशासक कक्ष, (Proctor Room), टी.पी.एस. कॉलेज, पटना
 सौभाग्यवश अपने खून को किसी को रक्तों में करने का।
 ये साजसज्जा तस्वीर है कई के घटकनों में भिन्न करने का।
!! रक्तदान, महादान !!
 एक मीठा का रक्तदान
 एक कठिन जीवन दान



NOTIFICATION

Under the UGC XII plan guidelines an Internal Quality Assurance Cell (IQAC) in the college consisting of the following member is re-constituted.

Sl.No.	Name	Designation
1	Prof. (Dr.) Tapan Kumar Shandilya, Principal	Chairperson
2	Prof. Rupam, Dep. of Psychology	Co-ordinator/Member Secretary
3	Prof. Anjali Prasad, Dept. of Economics	Member
4	Dr. Shashi Bhushan Chaudhary, Dept. of Hindi	Member
5	Dr. Deepika Sharma, Dept. of Economics	Member
6	Dr. Debarati Ghosh, Dept. of Physics	Member
7	Dr. Prashant Kumar, Dept. of History	Member
8	Dr. Vinay Bhushan, Dept. of Botany	Member
9	Dr. Noopur, Dept. of History	Member
10	Dr. Sushovan Paladhi, Dept. of Chemistry	Member
11	Mr. Neeraj Kumar Ranjan, Dept. of Zoology	Member
12	Dr. Shashi Shekhar Kumar Singh, Dept. of Mathematics	Member
13	Sri Manoj Kumar Singh, Head Assistant	Member
14	Sri Kumar Amitabh, H.A. (Account)	Member
15	Sri Ambrish Kumar, Assistant	Member
16	Sri Deepak Kumar, Assistant	Member
17	Prof. Kiran Ghai, Ex. MLC (Rtd. PWC) (Guest)	Member
18	Prof. Prabhakar Jha (Rtd.) Former Head, Dept. of PMIR, PPU (Guest)	Member
19	Prof. Bimal Pd. Singh, Dept. of Pol. Sci., A.N. College, Patna (Alumni)	Member
20	Prof. Shailesh Kr. Singh, Dept. of Philosophy, A. N. College, Patna (Alumni)	Member
21	Prof. Suresh Prasad Sinha, Chanakya Law University, Patna (Alumni)	Member
22	Mr. Mukesh Hisaria (Social Activist)	Member
23	Mr. Vijay Goenka (Industrialist)	Member
	Ms. Damini Shandhwasini (Student)	Member

Sd/-

Principal

T.P.S. College, Patna

Memo No. G.S./...../.....

Dated

Copy forward to

1. Person Concerned
2. Bursar
3. Head Assistant
4. Head Assistant (Account)



Handwritten signature and date: 13/11/2025

Principal

T.P.S. College, Patna

Handwritten signature and date: 13/11/25

