



ACADEMIC AUDIT REPORT 2018-2021

**TPS COLLEGE
PATLIPUTRA UNIVERSITY
CHIRAIYATAND PATNA**

E-mail tpscollege1960@gmail.com

Website <https://www.tpsclegepatna.org/index>

Content		
Sl. No	Subject	Page No
1	Vision	3
2	Mission	3
3	About the College	3
4	Teaching and Learning	3
5	Academic Audit	4
6	Academic Audit Committee	4
7	Methodology	6
8	Departments	
	A. <u>Humanities</u>	
	○ English	7-8
	○ Hindi	9-10
	○ Urdu	11-12
	○ Philosophy	13-14
	B. Sciences	
	○ Botany	15-17
	○ Chemistry	18-20
	○ Mathematics	21-22
	○ Physics	23-27
	○ Zoology	28-30
	C. Social Sciences	
	○ Economics	31-32
	○ Geography	33-34
	○ History	35-36
	○ Political Science	37-38
	○ Psychology	39-40
	D. Vocational	
	○ BBA	41-43
	○ BCA	44-46
	○ Bio-Tech	47-48
9	Summary:	49

Vision

“ Strive for knowledge and everything follows”.

Mission

Our mission is to offer innovative and relevant job-oriented courses with a view to enhance employment prospects of the learners. In carrying out skill development we endeavour to upgrade the knowledge. Skill and behaviour are the two outstanding traits with which students would strive towards excellence in all spheres of life.

About the College

The foundation stone of Thakur Prasad Singh college, Patna was laid in the 1960 by a great philanthropist ‘Thakur Prasad Singh’ with an aim to impart quality education primarily to the destitute of rural areas and students belonging to the weaker section of the society. The college has been Accredited by NAAC with ‘B’ Grade CGPA 2.57. The college offers wide array of graduate and post graduate course in the field of Science, Social Sciences, Humanities, Vocational Studies along with NCC and NSS. The college is keen in promoting R&D in the field of scientific studies.

Teaching and Learning

Teaching faculty of TPS College, form a strong backbone of teaching, learning, research, publication and overall academic and personality of the students. Many of them have published works in national and international journals. Apart from the academics the faculty members are also associated with social and cultural organisations. Their contribution in these fields is remarkable. In order to achieve academic excellence, the faculty members are committed and connected. The college management is very alert and supportive to the academic requirements of the teachers, students and staff members. The versatile leadership of the Principal is creditable.

Academic Audit

After the establishment of the Partliputra University in 2018 the IQAC of the college constituted the academic audit committee to achieve excellence in teaching-learning process. At present the college is running the following course:-

- (I) 14- UG Courses
- (II) 05 – PG Courses
- (III) 03 – self financing UG Vocational Courses

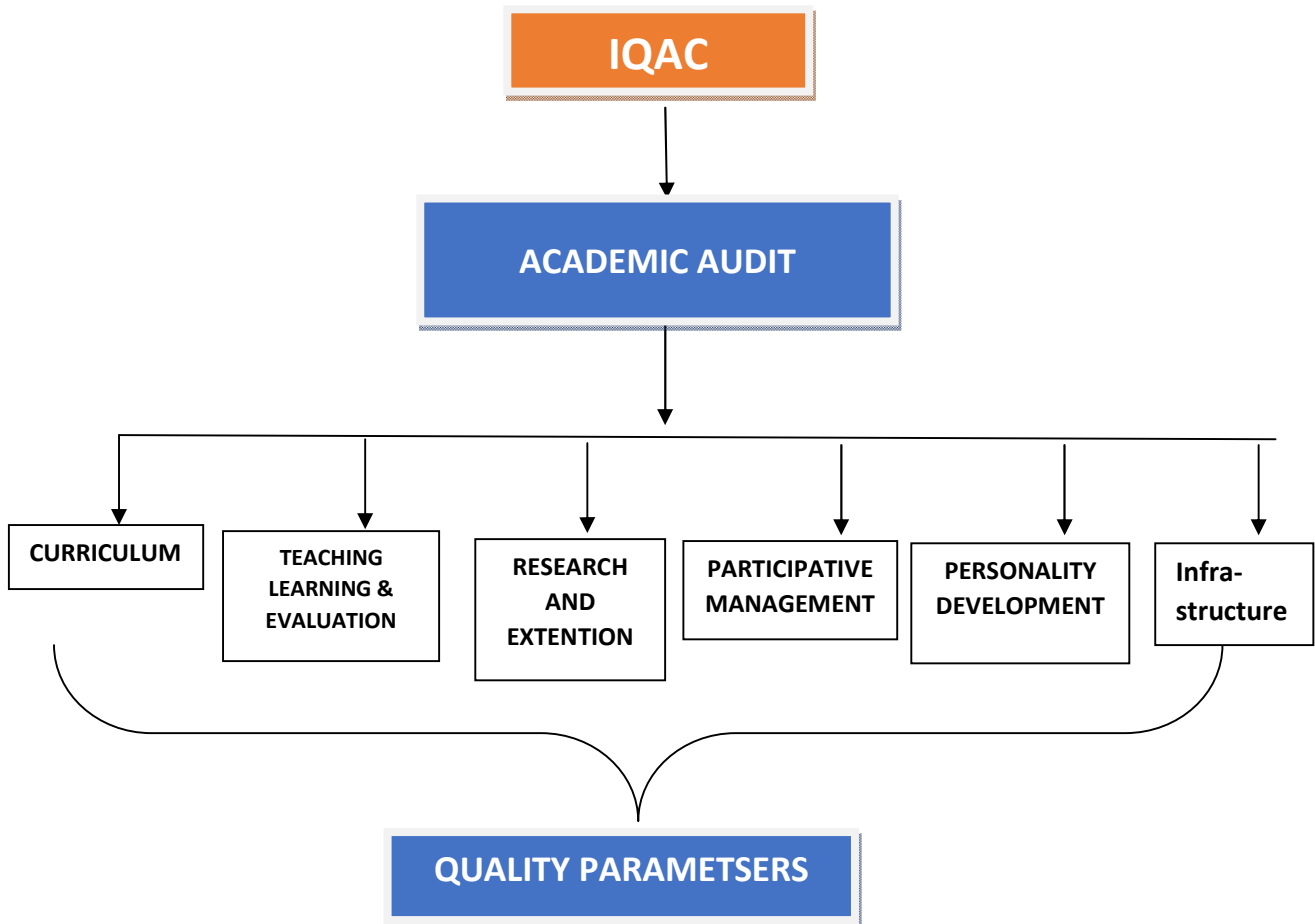
The purpose of the audit is to provide the opportunity for a regular strategic overview of the entirety of the college teaching and learning activities.

Academic Audit Committee :

- | | |
|---------------------------------|-----------|
| 1. Prof. Anjali Prasad | Secretary |
| 2. Dr. Javed Akhtar Khan | Member |
| 3. Dr. Shashi Bhushan Choudhary | Member |
| 4. Dr. Abu Bakar Rizvi | Member |

Methodology

The Academic Audit Committee visited all the department of the college first in May 2019 and finally in September 2021. In 2020 the audit could not be done due to lockdown. The committee members interacted with the faculty members of the respective departments to assess the academic performance of the college.



Following are the broad parameters on the basis of which academic audit in each department of the college was conducted.

CURRICULUM:

- TIME TABLE
- DISTRIBUTION OF CLASSES
- DISTRIBUTION OF SYLLABUS
- COURSE PLAN
- PROGRAMME OUTCOME

TEACHING LEARNING AND EVALUATION

- TEACHING PLAN
- INNOVATION IMPLEMENTED FOR TEACHING AND LEARNING
- USAGE OF ICT TOOLS
- INTERNAL ASSESSMENT
- WORK DIARY
- TUTORIAL AND PRACTICALS
- PROJECT WORKS

RESEARCH AND EXTENTION

- TEACHERS' PROFILE
- MINOR AND MAJOR PROJECTS UNDERTAKEN
- DEPARTMENTAL PROFILE
- CAS

PARTICIPATIVE MANAGEMENT

- DEPARTMENTAL COUNCIL
- MENTOR MENTEE RELATIONSHIP
- PTM – PARENTS TEACHERS MEET
- DEPARTMENTAL LIBRARY
- HANDOUTS, E CONTENTS

PERSONALITY DEVELOPMENT

- CO- CURRICULAR ACTIVITIES
- EXTRA CURRICULUR ACTIVITIES
- SPORTS
- INTERNSHIP PROGRAMMES
- EXCURSIONS TRAINING PROGRAMMES

INFRASTRUCTURE

- DEPARTMENTAL LIBRARY
- LABORATORIES
- SMART CLASS

➤ **Department – English**

➤ **Date of Establishment -1960**

➤ **Vision**

** faculty Guidance*

** Pursuit of higher education*

** Is to offer students adequate communication skills to prepare them for their professional needs in the globalized scenario Prevalent today.*

➤ **Mission of the Dept.**

** Emphasis of quality teaching*

**learner are motivated ,mentored and mastered*

**Discipline , Skill Development*

**Techno friendly*

**The Department has taken upon itself the mission of working zestfully and resourcefully to impart towards skill of listening , speaking ,reading &writing to students.*

➤ **Faculty Members**

1.	Prof. Hemlata Singh
2.	Dr. Chhote Lal Katri (No More)
3.	Dr. Satya Prakash Sinha (Retd.)

➤ **Student Strength**

Session	Years	No. Of Students (BA- III)
2015-2018	2018	85
2016-2019	2019	134
2017-2020	2020	127
2018-2021	2021	224
2019-2022	2022	166
2020-2023	2023	149
2021-2024	2024	150

➤ **Infrastructure**

1. Table	-	01
2. Wooden Chair	-	01
3. Chair	-	04
4. Plastic Chair	-	02
5. Book Shelf	-	01
6. Display Board	-	01

➤ **Observation**

- Innovative teaching techniques are used in teaching learning activities
- Emphasis of the department is on the overall development of the students.
- Tests and assignments are incorporated with regular teaching learning process for the understanding of the topics.
- The department has a active Students Grievance Redressal cell.
- Mentor-mentee system is adopted.

➤ **Recommendation**

- More faculty members are needed to run the department smoothly
- There is a need for fund to organize seminars and workshops in the department for the growth of the students.
- There is a need of arranging guest lectures

➤ **Department – Hindi**➤ **Date of Establishment -1960 (UG)**➤ **Vision-**

“समाज में मानविकी एवं भाषा और साहित्य के योगदान को लेकर कार्य करना, ताकि मानव-संवेदनाओं की विविधताओं एवं गहनता की स्पष्ट समझ बन सके तथा समाज में भाषा एवं साहित्य की महत्ता रेखांकित हो सके।”

➤ **Mission of the Dept.**

“छात्र-छात्राओं में नैतिक और आत्मिक मूल्यों के संवर्धन के साथ उन्हें संवेदनशील और उत्तरदायी मनुष्य बनाना एवं उन्हें भविष्य के लक्ष्य को प्राप्त करने के योग्य बनाना।”

➤ **Faculty Members**

	Dr. Javed Akhtar Khan
	Dr. Shashi Bhushan Choudhary

➤ **Student Strength**

Session	Years	No. Of Students (BA- III)
2015-2018	2018	28
2016-2019	2019	66
2017-2020	2020	70
2018-2021	2021	71
2019-2022	2022	80
2020-2023	2023	147
2021-2024	2024	150

➤ **Infrastructure**

1. टेबुल	—	01
2. कुर्सी	—	03
3. बुक सेल्फ	—	02
4. A.C	-	01
5. स्टूल	—	02
6. पंखा	—	02
7. डिस्प्ले बोर्ड	—	01

Observations:

- The department has two well qualified and experienced teaching faculty.
- The department has its own Library.
- Students are kept engaged in competitions and assignment works.
- Teaching faculty is involved in accolades and publication activities.
- Mentor mentee system

Recommendations:

- Funds need to be made available for organizing workshops and seminars.
- The department may conduct a short-term certificate course.
- More inter disciplinary courses are to be organised.
- Hindi courses should be made more pragmatic and linked with personality development courses as short-term courses for students from other disciplines like debating society, oratory skills, poetic skills, etc.

- **Department – Urdu**
- **Date of Establishment -1960(UG),**
- **Vision**

“Urdu is a language of composite culture of India. Its sweetness and softness acts everyone. Promotion of Ganga -Jamuni Culture, humanistic approach and spread the message of love in society”

- **Mission of the Dept.**

“To promote students as healthy and perfect linguist and developed them as literary figure to make a beautiful society with human sensibility”

- **Faculty Members**

1	Prof. S.A. Noori
2	Dr. Abu Bakar Rizvi

- **Student Strength**

Session	Years	No. Of Students (BA- III)
2015-2018	2018	3
2016-2019	2019	1
2017-2020	2020	3
2018-2021	2021	5
2019-2022	2022	Nil
2020-2023	2023	05
2021-2024	2024	05

➤ Infrastructure

1. Almirah	-	01	
2. Books Almirah	-	01	
3. Table	-	01	
4. Chairs	-	07	
5. Display Board	-	01	
6. Fan	-	02	(Wall-01/ Ceiling -01)
7. A.C	-	01	

Observation

- The department has two well qualified and experienced teaching faculty.
- The department has its own Library.
- Language lab facility is well established.
- Teaching faculty is involved in accolades and publication activities.
- Mentor mentee system

Recommendation

- Funds need to be made available for organizing workshops and seminars.
- The department may conduct a short-term certificate course.
- More inter disciplinary courses are to be organised.
- Students' intake needs to be increased.
- Urdu courses should be linked with personality development courses as short-term courses for students from other disciplines like debating society, oratory skills, shayari skills, etc.

➤ **Department – Philosophy**➤ **Date of Establishment -1960(UG), 2012 (P.G)**➤ **Vision**

“The department of Philosophy is committed to strengthening its commitment to students success and broadening its recognition for excellence in teaching and community serves. Our Vision is to inculcate values among budding youths of college in true sense of the term. It also includes research in Vedic Philosophy enrichment of Indian philosophy, incremental aspect of Philosophy, etc.”

➤ **Mission of the Dept.**

“The mission of Philosophy today is to post out the errors in our cultural mind and to work for a humanistic cultural reformation. A philosophy of life is an overall vision on attitude towards life and the purpose of it.

We are punctual, intellectual disciplined and eminent philosopher. Every time we try my level fest to direct the thinking of my students in the right direction, directly through engaging classes mentoring, seminars, lectures programmes etc. and indirectly through published book, articles, etc.”

➤ **Faculty Members**

1	Dr. Shyamal Kishor
2	Dr. Bijay Kumar Sinha

➤ **Student Strength**

Session	Years	No. Of Students (BA- III)
2015-2018	2018	6
2016-2019	2019	16
2017-2020	2020	28
2018-2021	2021	9
2019-2022	2022	11
2020-2023	2023	21
2021-2024	2024	50

Session	Years	No. of Students (PG)
2015-2017	2017	6
2016-2018	2018	14
2017-2019	2019	7
2018-2020	2020	4
2019-2021	2021	1
2020-2022	2022	10
2021-2023	2023	05

➤ **Infrastructure**

1. Table	-	01
2. Chair	-	05
3. Book shelf	-	01
4. Almirah	-	01
5. Display board	-	01
6. Fan	-	01
7. A.C	-	01

Observations:

- The department has two well qualified and experienced teaching faculty.
- The department has its own Library.
- Guidance and counselling are imparted to the students.
- Students are kept engaged in Assignment works.
- Performance of the students in the examinations and extracurricular activities is significant.
- Significant contribution is made by the research conducted by scholars in terms of publications.
- Symposium and National seminars are conducted for knowledge exchange & enhancement.
- Mentor mentee system

Recommendations:

- Funds may be made available for organizing workshops and seminars.
- More inter disciplinary courses are to be organised.
- The department may conduct a short-term certificate course on Indian Philosophy, self-awareness and healthy life style.
- Use of power point in classes for teaching learning by the students and the faculties may be reinforced.
- Department may be encouraged to enforce Interdisciplinary Courses.

➤ **Department – Botany**➤ **Date of Establishment -1982(UG), 2012 (P.G)**➤ **Vision**

“To be a center of excellence for plant and microbial Sciences, conduct innovative research and attract the best student and staff.”

➤ **Mission of the Dept.**

“Our mission is to emerge as a leading center of Plant Sciences, foster an environment of excellence, develop human resources with hands on experience in the frontier areas of Plant Sciences and establish National and International linkages for betterment of students of the Department.”

➤ **Faculty Members**

1	Dr. Shivam Yadav
2	Dr. Vinay Bhushan
3	Dr. Tanuja
4	Dr. Ram Das Prasad (Retd.)

➤ **Student Strength**

Session	Years	No. Of Students (BA- III)
2015-2018	2018	4
2016-2019	2019	5
2017-2020	2020	8
2018-2021	2021	20
2019-2022	2022	19
2020-2023	2023	21
2021-2024	2024	36

Session	Years	No. of Students (PG)
2015-2017	2017	13
2016-2018	2018	3
2017-2019	2019	16
2018-2020	2020	0
2019-2021	2021	5
2020-2022	2022	04
2021-2023	2023	53

➤ **Infrastructure****Number of—**

A. Tables:	08
B. Chairs:	13
C. Almirahs:	17
D. System /desktop/laptop/printer etc: 02 System (Monitor, CPU, Keyboard, Mouse, UPS)	
E. Refrigerator:	01
F. RO:	01
G. Display boards:	07
H. Detail of lab-equipments:	
1. Binocular Research Microscope	01
2. pH meter Digital	02
3. Digital Balance	01
4. Vertical Electrophoresis unit with power supply	01
5. Horizontal Electrophoresis unit with power supply	01
6. Table Top Centrifuge (Doctor model 8 tubes)	01
7. Automiser	01
8. Stage micrometer	01
9. Ocular micrometer	01
10. Monocular Microscope	01
11. Centrifuge Remi (6*15 ml)	01
12. Autoclave	01
13. Chemical Balance	01
14. Compound Microscope	42
15. Dissecting Microscope	06
16. Digital Imager	01
17. Thermometer	02

Advanced Lab

1. Water bath	01
2. Bio Safety Cabinet	01
3. CO2 Incubator	01
4. Shaker Incubator	01
5. Spectrophotometer	01
6. Hot Air Oven	01
7. Bacteriological Incubator	01
8. -20 ⁰ C deep freezer	01
9. Distillation Unit	01
10. Inverted Microscope	01
11. Fluorescence Microscope	01
12. Electrical Balance	01
13. Laminar Air Flow	01
14. pH meter	01
15. ELISA	01
16. GC-MS	01
17. -80 ⁰ C Deep freezer	01

Observations

- Teaching faculties are actively engaged in research activities as reflected from research projects ongoing and completed in the department and quality of research papers published.
- Laboratories are well equipped and maintained.
- All the faculty members are using ICT tools for effective teaching learning.
- Routine Seminars and invited lectures are being organized which is indeed a best practice.
- The department contributes immensely to the cultural activities and enrichment of students.
- Mentor mentee system

Recommendations

- Botanical excursions are mandatory to enhance vigor in learning processes and relieve monotones of indoor education.
- Chemicals, reagents and biochemical kits need to be acquired for practicals.
- Development of departmental library is highly encouraged.

➤ **Department – Chemistry**➤ **Date of Establishment -1982(UG), 2012 (P.G)**➤ **Vision-**

“The Chemistry Department trained students for a diverse and challenging world through classrooms, labs and modern research lab. We also prepare them through different training for excellence and innovation.”

➤ **Mission of the Dept.**

1. *The main mission is to maintain a department that is regarded as equal to any in terms of its relevance of teaching and research, its quality to support, facilities and the learning opportunities and working experience it offers.*
2. *To promote for e-learning*
3. *To encourage to take competitive exams like NET, GATE*

➤ **Faculty Members**

1.	Dr. Shashi Prabha Dubey
2.	Dr. Sushovan Paladhi
3.	Dr. Mahesh Kumar (Retd.)

➤ **Student Strength**

Session	Years	No. Of Students (BA- III)
2015-2018	2018	108
2016-2019	2019	118
2017-2020	2020	109
2018-2021	2021	111
2019-2022	2022	155
2020-2023	2023	114
2021-2024	2024	94

Session	Years	No. of Students (PG)
2015-2017	2017	60
2016-2018	2018	30
2017-2019	2019	30
2018-2020	2020	22
2019-2021	2021	58
2020-2022	2022	62
2021-2023	2023	64

➤ Infrastructure

Table1-DCY		
S.No.	Name of tools and equipments.	Total counts.
1	Lab.	2
2	Experiment table.	5
3	Chairs.	17
4	Almirah.	17
5	Desktop	1
6	Laptop.	1
7	Printer.	1
8	Refrigerator.	1
9	Display bord.	2
10	RO	NA
11	Details of lab equipments:-	
	(i) UV-VIS spectrophotometer.	1
	(ii) pH meter.	2
	(iii) Conductivity meter.	1
	(iv) Ultrasonic bath.	1
	(v) Gel rocker.	1
	(vi) Shaker.	1
	(vii) Mini centrifuge	1
	(viii) Micro centrifuge.	1
	xiv) Hot air oven.	1
	(x) Furnace.	1
	(xi) Inert gas furnace.	1
	(xii) Fume hood.	1
	(xiii) Laminar air flow.	1
	(xiv) Electronic balance.	1
	(xv) Micro pipette.	5
	(xvi) Magnetic stirrer with hot plate.	3
	(xvii) Cyclomixer	1

Observations

- Teaching faculties are actively engaged in research activities and published research papers in reputed journals.
- High number of students taking admission every year for Chemistry indicates quality of teaching.
- Mentor-Mentee system is used to help a student which is indeed a best practice.

Recommendations

- Students of M.Sc. Sem-IV should be given opportunity for training in instrumental techniques in different industries, so as to expose them to industrial environment.
- Recent instruments and chemicals need to be procured and used for practical's.
- Collaboration with industries must be encouraged.

➤ **Department – Mathematics**

➤ **Date of Establishment -1982 (UG),**

➤ **Vision-**

“The mission of our department is to develop an ethos and a learning community which promote to continue.”

➤ **Mission of the Dept.**

“To make the students enjoy the subject in a simple manner with clear concept.”

➤ **Faculty Members**

1	Dr. Krishnandan Prasad
2	Dr. Vinod Kumar Rai (Retd.)

➤ **Student Strength**

Session	Years	No. Of Students (BA- III)
2015-2018	2018	130
2016-2019	2019	139
2017-2020	2020	119
2018-2021	2021	200
2019-2022	2022	182
2020-2023	2023	179
2021-2024	2024	130

➤ Infrastructure

1. Table	-	01
2. Chairs	-	06
3. Almirahs	-	02
4. Book Self	-	01
5. Laptop	-	01
6. Refrigerator	-	0
7. R.O	-	0
8. Display Board	-	01
9. No. of Books	-	105
10.Fan	-	02
11.A.C	-	01

Observations

- Department has one experienced Faculty member.
- Mentor-Mentee system is used to help a student which is indeed a best practice.
- Teachers had participated in National seminars, appointed as external examiners, and are members of different Mathematical Societies.
- Mentor mentee system

Recommendations

- Shortage of faculty members.
- Students should be encouraged and motivated to take part in research activity.
- The department needs to actively participate in extra-curricular and co-curricular activities.

➤ **Department – Physics**➤ **Date of Establishment -1982(UG),**➤ **Vision**

Educational institutes work in close partnership with their faculty members, local authorities, learners, and their parents or guardians. We see education as a powerful vehicle for personal and social change within a wider community, locally and globally. Our aim should be oriented to develop a community of learners that inspires and supports respective educators who share our core values. These are

- *Equality*
- *Celebrating diversity*
- *Democratic participation*
- *Justice*
- *Human rights*
- *Sustainability*
- *Inclusion and moral support*

➤ **Mission of the Dept.**

The values, skills, knowledge, and understanding need to be an effective agent for good change

- *A commitment to containing personal and professional development*
- *A respect for and commitment to individual potential*
- *Intellectual honesty*

The Way Ahead

We can transform our mission statement into reality by -

- *Honoring our commitment to our core values*
- *Developing critical and reflective thinking*
- *Developing an empowering and efficient system to support us*
- *Acknowledging and learning from mistakes*
- *Creative, innovative, inspirational teaching and learning*
- *Collaboration and partnership*
- *Encouraging risk taking and challenge*
- *Regularly reviewing and revisiting our policies and practices*
- *Encouraging and modeling sustainable work practices*

➤ **Faculty Members**

1.	Dr. Debarati Ghosh
2	Prof. Sunil Kumar Singh (Retd.)
3	Dr. Shyam Sundar Prasad (Retd.)

➤ **Student Strength**

Session	Years	No. Of Students (BA- III)
2015-2018	2018	115
2016-2019	2019	120
2017-2020	2020	108
2018-2021	2021	149
2019-2022	2022	184
2020-2023	2023	176
2021-2024	2024	131

➤ **Infrastructure**

Sl. No.	Name of Items	Number of Items
1.	Tables	<ul style="list-style-type: none"> • Rectangular table : 5 • Computer table : 4 • Long lab table : 16 • Small table : 3
2.	Chairs	<ul style="list-style-type: none"> • Wooden chair : 5 • Iron chair : 5 • Foam chair : 5 • Plastic chair : 15
3.	Wooden Stools	81
4.	Bench	<ul style="list-style-type: none"> • Classroom bench : 56 • Waiting bench : 1
5.	Almirahs	<ul style="list-style-type: none"> • Wooden Almirah : 1 • Iron Almirah : 11 • Locker Almirah : 1
6.	Book shelf (Iron)	2
7.	System /desktop	<ul style="list-style-type: none"> • Screen - 10 • UPS - 8 • CPU - 8 • Mouse - 7 • Keyboard - 8
8.	Printer	1

9.	Clock	3
10.	Fan	22
11.	Refrigerator	1
12.	RO	1
13.	Classroom (Room no 25)	1
14.	Lab	<ul style="list-style-type: none">• Dark room – 1• General lab – 1
15.	Network resource centre	1
16.	Display boards	2
17.	Books of departmental library	153

Detail of lab-equipment:

Sl. No.	Name of Items	Number of Items
	Kater's Pendulum	11
	Joule's calorimeter	5
	Telescope	8
	Sodium vapour lamp	4
	Travelling microscope	5
	Spectrometer	5
	Ballistic Galvanometer	6
	Dip Circle	5
	Earth Inductor	4
	Triode characteristics apparatus	3
	Pentode characteristics apparatus	6
	Tetrode characteristics apparatus	4
	Transistor characteristics apparatus	6
	Stop Clock	11
	Voltage Stabilizer	3
	Slide calliper	6
	Screwgauge	6
	Spherometer	6
	Newton's Ring apparatus	4
	Stop Watch	3
	Transformer for sodium vapour lamp	2
	Stabilized power supply	1
	A. C. ammeter	3
	A. C. voltmeter	3
	Diffraction Grating	5
	Optical Bench	3
	Torsion rigidity apparatus	2
	Bar Pendulum	8
	Carry foster bridge	2
	Helical method e/m	3
	I. C. Regulated Power Supply	1
	Bi – Prism assembly	3
	Plank's constant apparatus	2
	Polarimeter	1
	Searle's apparatus	1
	Zener Diode (set)	2
	Hartley Oscillator (set)	1
	Logic gate (set)	1
	Anderson Bridge	2

Observations

- Innovative teaching methods and techniques are used in teaching-learning activities.
- Highly updated and organised department in terms of keeping record of departmental activities and other departmental documents.
- Mentor-Mentee system is used to help a student which is indeed a best practice.

Recommendations

- Shortage of teaching faculty member & technical staff.
- Need of research projects in order to enhance active participation in research activities.
- Routine seminars and invited lectures must be organised.
- PG course must be started.

- **Department – Zoology**
- **Date of Establishment -1982(UG), 2012 (P.G)**
- **Vision**

“The department of Zoology promotes discovery and learning at all levels of biological organizations. Our integrative focus reflects the importance of strong disciplinary and inter-disciplinary approaches and teaching. We strive for excellence and synergy in our coordinated programs of teaching, research and service. Recognizing essential roles of science and biology in lives of citizen today and tomorrow. We emphasize biological literacy in our teaching and outreach programs for the development of social awareness.”

- **Mission of the Dept.**

“To promote the research, innovation, discovery and broad communication to enhance knowledge about the biology of animals, including their evolution and their environment.”

- **Faculty Members**

1.	Dr. Jyotsna Kumar
2.	Dr. Sananda Sinha
3.	Mr. Niraj Kumar Ranjan
4.	Dr. Dharendra Kumar Singh
5.	Dr. Umesh Chandra Singh

- **Student Strength**

Session	Years	No. Of Students (BA- III)
2015-2018	2018	68
2016-2019	2019	62
2017-2020	2020	77
2018-2021	2021	132
2019-2022	2022	151
2020-2023	2023	151
2021-2024	2024	186

Session	Years	No. of Students (PG)
2015-2017	2017	62
2016-2018	2018	63
2017-2019	2019	34
2018-2020	2020	34
2019-2021	2021	64
2020-2022	2022	67
2021-2023	2023	70

SL.NO.	NAME OF ITEMS	LOCATIONS	No.	TOTAL No.
1	TABLES			
A.	STUDY TABLES	UG LAB	03	04
		PG LAB	01	
B.	LAB. WORKING TABLES	UG LAB	08	14
		PG LAB	06	
2	CHAIRS			
A.	WOODEN CHAIRS	UG LAB	12	14
		PG LAB	02	
B.	IRON CHAIRS	UG LAB	04	04
C.	REVOLVING CHAIR	UG LAB	01	01
D.	WOODEN STOOLS	UG LAB	55	77
		PG LAB	22	
3	ALMIRAHS			
A	IRON ALMIRAHS	UG LAB	04	07
		PG LAB	03	
B	IRON BOOKSHELVES (WITH GLASS SHUTTER)	UG LAB	05	05
C	8- DOOR LOCKER ALMIRAH	PG LAB	01	01
D	IRON RACK	UG LAB	01	01
4.	SYSTEMS/LAPTOP/PRINTER	NIL		
5	REFRIGERATOR	PG LAB	01	01
6.	RO	NIL		
7	DETAILS OF LAB. EQUIPMENTS	SEPARATE LIST ATTACHED		
8	DISPLAY BOARDS	NIL		

Observations

- Increasing number of students opting Zoology for PG.
- The department is actively engaged in extra-curricular and co-curricular activities.
- Mentor-Mentee system is used to help a student which is indeed a best practice.
- Mentor mentee system

Recommendations

- Need of research projects in order to enhance active participation in research activities.
- Zoological excursion need to be organised in order to enhance subject understanding of students.
- Latest instruments, chemicals and reagents need to be acquired for practical's.

- **Department** – Economics
- **Date of Establishment** -1960 (UG)
- **Vision-**

“The purpose is to contribute to the society through excellence in the emerging areas of social sciences and serve as a valuable resource for students and generations to come.”

- **Mission of the Dept.**

“Work together to inculcate high moral and ethical values amongst students, to make them responsible citizens & good human beings, so that they can develop good attitude towards their goals and aspirations, making them high spirited towards success.”

- **Faculty Members**

1.	Prof. Anjali Prasad
2.	Dr. Navendu Shekhar
3.	Deepika Sharma

- **Student Strength**

Session	Years	No. Of Students (BA- III)
2015-2018	2018	141
2016-2019	2019	124
2017-2020	2020	135
2018-2021	2021	201
2019-2022	2022	180
2020-2023	2023	149
2021-2024	2024	150

➤ **Infrastructure**

1. Almirah	-	01	
2. Books Almirah	-	01	
3. Table	-	01	
4. Chairs	-	07	
5. Display Board	-	01	
6. Fan	-	02	(Wall-01/ Ceiling -01)
7. Laptop	-	01	

➤ **Observation**

- Department has three experienced teachers.
- Peer learning is adopted in the department.
- Innovative teaching and learning methods are adopted.
- Students are given knowledge and information's of recent plans and policies of the economy.
- Inter departmental activities organized.
- Tests and assignments are incorporated with co-curricular activities for the overall development of the students.
- Department has its own library
- Mentor mentee system adopted

➤ **Recommendation**

- Need is to arrange guest lectures to give a wider knowledge.
- PG courses may be introduced in the department.
- Funds need to be made available for organizing workshops and seminars.

- **Department – Geography**
- **Date of Establishment -1960 (UG)**
- **Vision-**

“Exploration of new vistas in Geography through the application of modern techniques and also the development of the Department as an advanced centre of teaching, learning and research.”

- **Mission of the Dept.**

- *To include new frontiers of research and teaching in Geography using modern geographical techniques.*
- *To develop responsible citizens empowered with knowledge skills and attitude to take rational decisions for the development of society and Nation.*
- *Evaluation of aptitude and motivational guidance for gainful dignified employability.*

- **Faculty Members**

1.	Dr. Uday Kumar
----	----------------

- **Student Strength**

Session	Years	No. of Students (BA- III)
2015-2018	2018	134
2016-2019	2019	134
2017-2020	2020	140
2018-2021	2021	184
2019-2022	2022	112
2020-2023	2023	148
2021-2024	2024	150

➤ **Infrastructure**

1. Theodolite	-	01
2. Dumpy level	-	02
3. Plane table surveying Set	-	01
4. Globe	-	01
5. LED Projector	-	01
6. H.P. Printer	-	01
7. H.P. Laptop	-	01
8. Desktop Computer Set	-	01

Observations:

- The department has one well qualified and experienced teaching faculty.
- The department has its own Library.
- Guidance and counselling for Competitive Examination is imparted to the students.
- Students are kept engaged in competitions and Assignment works.
- Innovative teaching methods and techniques are adopted in teaching and practical demonstrations.
- Performance of the students in the examinations and extracurricular activities is significant.
- Mentor mentee system

Recommendations:

- Funds may be made available for organizing workshops and seminars.
- More inter disciplinary courses are to be organised.
- More project-based studies should be conducted.
- Department may be encouraged to invite eminent academicians and scientist to the college premises to share their knowledge with the students and faculty.
- Recruitment of a faculty is essential to strengthen the department.

- **Department – History**
- **Date of Establishment -1960(UG), 2012 (P.G)**
- **Vision-**

“To establish our department as a benchmark for holistic learning wherein focus is not only on IQ(intelligence quotient) but entails EQ(emotional quotient) and spiritual quotient and nurturing young minds to realize their full potential.”

- **Mission of the Dept.**

“To provide students with a thorough knowledge of their field to refine their professional skills. To nurture creativity and self learning by providing our students with holistic environment. To inculcate ethical behavior, responsibility and commitment among students.”

- **Faculty Members**

1.	Dr. Prashant Kumar
2.	Dr. Mukund Kumar
3.	Dr. Noopur
4.	Prof. Draupadi Singh
5.	Dr. Nand Kumar Singh

- **Student Strength**

Session	Years	No. Of Students (BA- III)
2015-2018	2018	129
2016-2019	2019	119
2017-2020	2020	129
2018-2021	2021	246
2019-2022	2022	202
2020-2023	2023	175
2021-2024	2024	175

Session	Years	No. of Students (PG)
2015-2017	2017	111
2016-2018	2018	53
2017-2019	2019	73
2018-2020	2020	9
2019-2021	2021	37
2020-2022	2022	57
2021-2023	2023	96

➤ **Infrastructure**

1. Table	-	01
2. Chair	-	05
3. Book shelf	-	02
4. Almirah	-	01
5. Fan	-	01
6. Display Board	-	01
7. A.C	-	01

➤ **Observation**

- Department has three experienced teachers.
- The department is one of the first three department to have PG Course.
- Tests and assignments are incorporated with regular teaching learning processes
- To build the personality of the students department continuously conducts co-curricular activities.
- Guidelines regarding how to prepare for competitive exams is also given by the faculty members.
- Mentor-mentee system is adopted
- The department has its own departmental library

➤ **Recommendation**

- As both UG and PG courses run in the department more faculty members are required
- Guest lectures to be arranged
- Funds for organizing workshops and seminars are required.

- **Department** – Political Science
- **Date of Establishment** -1960 (UG)
- **Vision**

“Visionary statement of the department. of political science, T.P.S. college, PPU, Patna, embraces promotion of empowerment centric value based qualitative education.”

- **Mission of the Dept.**

“Department of political science, TPS college, PPU Patna , is committed to aerially development of the students who could finally heave themselves as contributions for he societal as well as national developments.”

- **Faculty Members**

1	Dr. Usha Kiran
2	Dr. Usha Vidyarthi
3	Dr. Nutan Kumari
4	Dr. Shweta Sharma
5	Dr. Shi Narayan Ram (No More)
6	Prof. R.K Mishra (Retd.)

- **Student Strength**

Session	Years	No. Of Students (BA- III)
2015-2018	2018	127
2016-2019	2019	118
2017-2020	2020	126
2018-2021	2021	222
201-2022	2022	181
2020-2023	2023	149
2021-2024	2024	150

➤ **Infrastructure**

1. Fan	=	02
2. Almirah	=	01
3. Glass fitted Book shelf	=	01
4. Chairs	=	06
5. Table	=	01
6. Display Board	-	01

➤ **Observation**

- Department has four experienced teachers.
- Innovative teaching methods and technique are used in teaching learning activities
- Students are kept engaged in tests and assignments
- Guidance for competitive examination and over all development in given
- Mentor-mentee system is adopted

➤ **Recommendation**

- Field trips can be arranged.
- Need to arrange guest lectures
- Funds may be made available for organizing workshops and seminars.

➤ **Department** – Psychology➤ **Date of Establishment** -1960 (UG)➤ **Vision-**

“To impart quality education, enhance research programmes, updating skills and inculcating values ethics among students”

➤ **Mission of the Dept.**

1. *To nurture students to become intellectually competent through scientific studies of human behavior emotion and thought.*
2. *To cultivate in students professional ethics, a sense of social responsibility, cultural sensitivity and good citizenship in a globalised world.*
3. *To create awareness about mental health*
4. *To help students in developing critical thinking skill*
5. *To encourage the overall and dynamic personality development of students.*

➤ **Faculty Members**

1.	Dr. Rupam
2.	Dr. Dharmraj Ram
3.	Dr. Raghubansh Mani

➤ **Student Strength**

Session	Years	No. Of Students (BA- III)
2015-2018	2018	61
2016-2019	2019	66
2017-2020	2020	88
2018-2021	2021	66
2019-2022	2022	66
2020-2023	2023	139
2021-2024	2024	150

➤ **Infrastructure**

1. Table	-	2 dept. + 1 Lab	=	03
2. Chair	-	9 dept. + 03 lab	=	12
3. Lab Table			=	06
4. Stool			=	21
5. Almirah	-	4 dept. + 03 lab	=	07
6. Book shelf	-		=	01
7. Display Board	-		=	01

➤ **Observation**

- Department has three experienced teachers.
- Well furnished laboratory and department.
- The department has a counselling Cell.
- Counseling of the students are done on a regular basis
- Students and faculty members are engaged in awareness programme on mental health
- Performance of the students in the examination is good.
- Teaching and learning centric methods are used in the department.
- Mentor-mentee system

➤ **Recommendation**

- Funds are needed for organizing workshops and seminar.
- Guest lecturers should be arranged
- Due to greater number of students taking admission in Psychology. PG course may be introduced.

➤ **Department –BBA**

➤ **Date of Establishment -2009**

➤ **Vision –**

“To be a world leader in business education, research and enhancement, helping to create a better knowledge society”

➤ **Mission of the Dept.**

“Transforming lives through knowledge creation and sharing. To provide competency driver education core component of our growth and success. I every our knowledge and resources to provide experiential learning immersion and other collaboration opportunities”

➤ **Co-ordinator – Dr. Raghuwansh Mani**

➤ **Faculty Members**

1.	Mr. Rajesh Kumar
2.	Mr. Rakesh Kumar
3.	Dr. Manoj Shankar Gupta
4.	Ms. Shashi Kumari
5.	Mr. Chandra Shekhar Singh

➤ **Student Strength**

Session	Years	No. Of Students BBA
2015-2018	2018	11
2016-2019	2019	14
2017-2020	2020	25
2018-2021	2021	40
2019-2022	2022	37
2020-2023	2023	37
2021-2024	2024	60

➤ **Infrastructure**

Sl.No.	Particulars	Quantity
1.	Tables	01 (BBA) 02 (Office)
2.	Chairs	03 (BBA) 04 (Office)
3.	Almirah	01 (BBA) 02 (Office)
4.	Almirah (Vocational Library)	02 (BBA)
5.	Desktop	34 (lab) 01 (Office)
6.	Laptop	01 (Office)
7.	Printer	02 (Office)
8.	Projector	01 (Office)
9.	Projector Board	01 (Office)
10.	UPS	01 (Office)
11.	Online UPS	01 (Office)
12.	Refrigerator	01 (Office)
13.	R.O.	01 (Office)
14.	Lab	01 (Office)
15.	Display Boards	02 (Office)
16.	No. of Books of Vocational Library	190 (BBA)
17.	Computer Tables (LAB)	12 (Office)
18.	Computer Chairs (LAB)	30 (Office)
19.	BBA Ist Year Room No. 06	30 Bench
20.	BBA IInd Year Room No. 14	30 Bench
21.	BBA IIIrd Year Room No. 15	30 Bench

Observations:

- The department has well qualified and experienced teachers.
- Innovative teaching methods and techniques are used in teaching-learning activities.
- The department has its own Library.
- Guidance, counselling and mentoring is imparted to the students.
- Students are kept engaged in competitions and project works.
- Performance of the students in the examinations and extracurricular activities is significant.
- Tests and assignments are incorporated with regular teaching learning process for the reinforcement of the topics.
- Mentor mentee system

Recommendations:

- Funds may be made available for organizing workshops and seminars.
- More inter disciplinary courses are to be organised.
- The department may conduct a short-term certificate courses and workshops for students.
- Students' Placement programs and workshops should be made more effective and more number of such programmes should be conducted.
- Department may initiate more awards and recognition in order to motivate the students.

➤ **Department – BCA**➤ **Date of Establishment -2009**➤ **Vision-**

“To provide the atmosphere for students so they can create employment opportunities for themselves as well as for others. To prepare the students as for technical training with revolution vision who can complete globally”

➤ **Mission of the Dept.**

1. *To provide technical education to the students through well-equipped labs*
2. *Giving personal attention to weaker students consequently allowing them to cope with other scholars.*

➤ **Co-ordinator – Dr. Krishnandan Prasad**➤ **Faculty Members**

1.	Ms. Shalvee Sinha
2.	Ms. Anuradha Patel
3.	Mr. Aditaya Singh Suman
4.	Mr. Santosh Kumar
5.	Mr. Avanish Kumar
6.	Mr. Avinash Kumar

➤ **Student Strength**

Session	Years	No. Of Students BCA
2015-2018	2018	73
2016-2019	2019	54
2017-2020	2020	118
2018-2021	2021	101
2019-2022	2022	67
2020-2023	2023	54
2021-2024	2024	120

➤ **Infrastructure**

Sl.No.	Particulars	Quantity
1.	Tables	01 (BCA) 02 (Office)
2.	Chairs	03 (BCA) 04 (Office)
3.	Almirah	01 (BCA) 02 (Office)
4.	Almirah (Vocational Library)	03 (BCA)
5.	Desktop	34 (lab) 01 (Office)
6.	Laptop	01 (Office)
7.	Printer	02 (Office)
8.	Projector	01 (Office)
9.	Projector Board	01 (Office)
10.	UPS	01 (Office)
11.	Online UPS	01 (Office)
12.	Refrigerator	01 (Office)
13.	R.O.	01 (Office)
14.	Lab	01 (Office)
15.	Display Boards	02 (Office)
16.	No. of Books of Vocational Library	158 (BCA)
17.	Computer Tables (LAB)	12 (Office)
18.	Computer Chairs (LAB)	30 (Office)
19.	BCA Ist Year Room No. 7	30 Bench
20.	BCA IInd Year Room No. 12	30 Bench
21.	BCA IIIrd Year Room No. 13	30 Bench

Observations:

- The department has well qualified and experienced teachers.
- Innovative teaching methods and techniques are adopted in teaching and practical demonstrations.
- The department has its own Library.
- The department has its own Computer Lab facility with updated software.
- Guidance, counselling and mentoring is imparted to the students.
- Students are kept engaged in competitions and project works.
- Performance of the students in the examinations and extracurricular activities is significant.
- Tests and assignments are incorporated with regular teaching learning process for the reinforcement of the topics
- Mentor mentee system

Recommendations:

- Funds may be made available for organizing workshops and seminars.
- The department may conduct a short-term certificate courses and workshops on skill development for students.
- Students' Placement programs and workshops should be made more effective and more number of such programmes should be conducted.
- Department may initiate more awards and recognition in order to motivate the students.

➤ **Department – Biotechnology**➤ **Date of Establishment -2009**➤ **Vision**

“Our vision is to produce competent Biotechnologist who can employ premium processes and applications which will profoundly influence existing paradigm of agriculture, industry, healthcare and restoration of environment providing sustainable development of society.”

➤ **Mission of the Dept.**

- *To create awareness about potentials of Biotechnology with socio-ethical applications.*
- *To nurture confident individuals who are effective contributors towards growth of nation.*

➤ **Co-ordinator** – Dr. Vinay Bhushan➤ **Faculty Members**

1	Dr. Vinay Bhushan
2	Dr. Shivam Yadav
3.	Dr. Krishnandan Prasad Singh
4	Dr. Sushovan Paladhi

➤ **Student Strength**

Session	Years	No. Of Students Bio-Tech
2015-2018	2018	08
2016-2019	2019	01
2017-2020	2020	09
2018-2021	2021	0
2019-2022	2022	Nil
2020-2023	2023	03
2021-2024	2024	10

➤ Infrastructure

Sl.No.	Particulars	Quantity
1.	Tables	02 (Vocational Office)
2.	Chairs	04 (Office)
3.	Almirah	02 (Vocational Office)
4.	Almirah (Vocational Library)	01 (Bio-Technology)
5.	Desktop	34 (lab) 01 (Office)
6.	Laptop	01 (Office)
7.	Printer	02 (Office)
8.	Projector	01 (Office)
9.	Projector Board	01 (Office)
10.	UPS	01 (Office)
11.	Online UPS	01 (Office)
12.	Refrigerator	01 (Office)
13.	R.O.	01 (Office)
14.	Lab	01 (Office)
15.	Display Boards	02 (Office)
16.	No. of Books of Vocational Library	106 (Bio-Technology)
17.	Computer Tables (LAB)	12 (Office)
18.	Computer Chairs (LAB)	30 (Office)
19.	Bio-Tech Ist Year Room No.16	17 Bench
20.	Bio-Tech IInd Year Room No.17	25 Bench
21.	Bio-Tech IIIrd Year Room No. 18	17 Bench

➤ **Observations**

- The faculty members are using ICT tools for effective teaching learning.
- Routine Seminars are being organized which is definitely a best practice.
- Mentor-Mentee system is used to help a student.

➤ **Recommendations**

- Shortage of faculty members.
- Need of advanced Instruments & lab material (Instrument, chemicals, and glasswares).
- Students should be given opportunity for training (internship) in instrumental techniques in different labs and industries



INTERNAL QUALITY ASSURANCE CELL (IQAC) T. P. S. COLLEGE

CHIRAIYATAND, PATNA - 800 001 (Bihar)
(A Constituent unit of Patliputra University, Patna)
NAAC ACCREDITED – "B" with CGPA 2.57

Prof. (Dr.) Rupam
Co-ordinator, IQAC
Mob. : 9334766106
E-mail : drrupam09@gmail.com

Prof. (Dr.) Upendra Pd. Singh
Chairperson, IQAC
Ph. : 0612-2353295 (O)
Mob. : 9431094707
E-mail : upsingh707@gmail.com

Ref. :

Date : 28/10/2021

Summary

The academic audit of all the departments of TPS College Chiraiyatand Patna was conducted.

In order to meet its objectives, the team physically visited all the departments and verified the documents and the academic records. On the basis of the review of the relevant documents the committee penned its recommendations for each department accordingly. The department viz., Botany, Chemistry and Philosophy excelled in research projects in hand. Department of Psychology runs Counselling Cell for students effectively to meet their requirements. Department of English has active Students' Grievance Redressal Cell. Department of Economics follows peer learning teaching method effectively. Departments of Pol science and History are involved in students' centric programmes specially related to competitive exams. Department of Hindi and Urdu are actively involved in enhancing the poetic instinct of the students. Department of Zoology and Physics creates scientific instincts through experiments and various research-based activities. Vocational departments make students more tech savvy through skill development activities, internship programmes and project works. On the whole, all the departments strive for student centric plans and activities in the given resources.

Signature

Anjali Prasad
Dr. Prof. Anjali Prasad
(Department of Economics)

Javed Akhtar Khan
Dr. Javed Akhtar Khan
(Department of Hindi)

Shashi Choudhary
Dr. Shashi Bhushan Choudhary
(Department of Hindi)

Abu Bakar Rizvi
Dr. Abu Bakar Rizvi
(Department of Urdu)