

# BHAGALPUR NATIONAL COLLEGE BHAGALPUR

(A constituent Unit of T. M. B. U. Bhagalpur)



(Annual Report 2020-21)

**INTERNAL QUALITY ASSURANCE CELL**

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**OBJECTIVE:**

The primary aim of the IQAC is to develop a system for conscious, consistent, and catalytic action to improve the academic and administrative performance of the institution.

**VISION:**

The Internal Quality Assurance Cell (IQAC), established in accordance to NAAC guidelines, aim to work towards quality sustenance and enhancement of the academic and administrative performance of the Institution.

**MISSION:**

Developing a system for conscious, consistent and catalytic improvement in the performance of its principal stakeholders, that is staff and students of the Institution.

- Promoting innovative practices that continually improves the effectiveness of the learning experiences of students/staff.
- Upholding the goals of quality enhancement and sustenance towards organizing various activities and programmes on the Campus.
- Promoting a learner centric environment for students and staff that foster the mission and vision of the Institution

**FUNCTIONS:**

Development and application of quality benchmarks / parameters for the various academic and administrative activities of the institution.

- a. Dissemination of information on the various quality parameters of higher education.
  - b. Organisation of workshops, seminars on quality related themes and promotion of quality circles.
  - c. Documentation of the various programmes/activities leading to quality improvement.
  - d. Organising orientation programmes for the Staff and the Administrative Staff.
  - e. Administering Feedback Mechanism for the College.
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## **Preparation of Academic Calendar**

An academic calendar serves as a reminder of important events for students, administrators and working staff during the academic year and semester. Stakeholders (Parents, alumni, and potential students all) get benefitted from it. It is basically a schedule of all the events that occur in an academic year. These events may include examination dates, NSS activities, cultural activities, NCC plans or various events to be organised as per holidays calendar provided by governing authority, spring break or reading week and the last day of the semester. During 2020–21, academic years were heavily disrupted globally due to the COVID-19 pandemic, raising questions of how to approach the schedule for the college calendars to make up for lost learning and to support student well-being. The virtual mode of teaching learning system had been adopted during this pandemic. Several challenges were faced during this initiative, including promotion of this alternative tool among students belonging to deprived area or to extremely rural area.

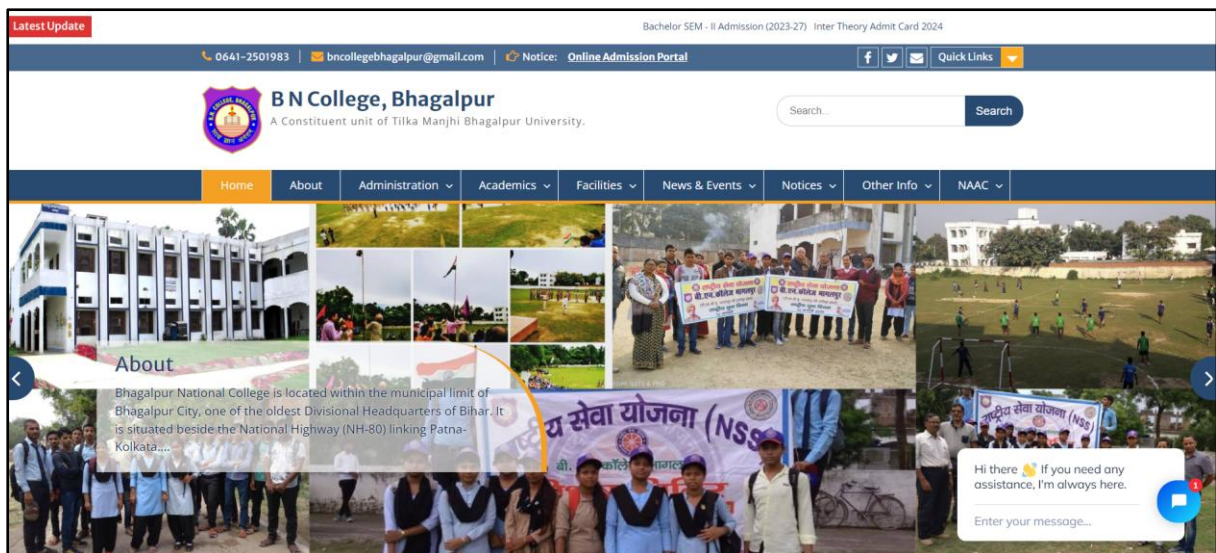
IQAC of B. N. College, Bhagalpur ensured timely preparation and implementation of college academic calendar for the academic year 2020-2021. Inputs and schedules of various events/programmes were collected from Governing council, academic council, office of the Controller of Examinations, sports council, cultural committee, NSS/NCC, etc. Academic calendar took into consideration the curricular, co-curricular and extra-curricular activities in the College and the proposed examination schedules under COVID-19 pandemic.

The IQAC of B. N. College regularly calls a meeting to review the progress in order to follow the academic Callender. Also, IQAC points out the difficulties (if any) being faced during the progress.

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## College Newsletters

The newsletter plays a significant role to exhibit all the activities and achievements of the college. The newsletter is prepared by collecting a consolidated report from the concerned department and is being displayed through college website and different social media platform. Besides, the online Daily Newsletter is being released every day through the college website, edited and published by concerned authorities. These platforms can easily be accessed by stakeholders of the college. We motivate the newly admitted students to frequently visit our website to get aware of updated notifications.



Functional dynamic webpage of B. N. College, Bhagalpur

<https://bncollegebgp.ac.in/>



Facebook page of B. N. College, Bhagalpur

<https://www.facebook.com/www.bncollegebgp.ac.in>

## **Quality Initiatives by IQAC:**

### **Road Safety Awareness Programmes (14.01.2020):**

#### **Purpose of organizing event:**

- To spread awareness among the students about road safety measures and rules
- To acknowledge them the laws regarding traffic

Available statistics about road safety in India indicates that more than a lakh people die in road accidents every year. Pedestrians, cyclists, and riders of motorized 2- and 3-wheelers and their passengers are collectively known as "vulnerable road users" and account for half of all road traffic deaths around the world. A higher proportion of vulnerable road users die in low-income countries than in high-income countries.

There is an increasing trend of unsafe driving that leads to vehicle accidents in which many people die, undergo serious injuries, or lose their body parts permanently. Many of these accidents occur due to poor driving skills, non-adherence to road safety precautions, lack of awareness and violation of traffic rules. The government of India celebrates Road safety week from 11th to 17th of January every year. This program is aimed at raising public awareness about traffic rules and ultimately to reduce casualties due to road accidents.

Based on recommendations of the WHO (World Health Organization), several general safety tips have been recommended, which would help make our roads safer. Among these tips, wearing helmet is one of the important recommendations.

According to WHO, wear a helmet (of ISI standard) which is strapped on while riding a two-wheeler. Wearing a good quality helmet can reduce the risk of death by 42% and severe injury by approximately 70%.

In this context, IQAC had recommended NSS unit of B. N. College, Bhagalpur to organize a drive related to 'importance of wearing a good quality helmet,' during road safety week. Accordingly, NSS unit and many faculty members participated in the event with several students on 14th of January near college.

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Impact of road safety awareness drive



छात्राओं ने हेलमेट नहीं पहननेवालों को दिया गुलाब

भागलपुर. बीएन कॉलेज एनएसएस के स्वयं सेवकों ने मंगलवार को राष्ट्रीय सड़क सुरक्षा जागरूकता अभियान चलाया, कॉलेज के सामने एनएच-80 पर आने-जाने वाले बिना हेलमेट पहने बाइक चालकों को रोका. यातायात नियमों के बारे में बताया. हेलमेट पहनने के लिए एनएसएस की छात्राओं ने गुलाब का फूल दिया. हेलमेट पहनने की अपील की. कॉलेज प्राचार्य डॉ नीलू कुमारी की अध्यक्षता में कार्यक्रम आयोजित किया गया. मॉके पर एनएसएस कार्यक्रम पदाधिकारी डॉ अंबिका कुमार सहित कॉलेज के अन्य शिक्षक व छात्र-छात्राएं आदि मौजूद थे.



Impact of road safety awareness drive

Media Coverage

### **Celebration of World Environment Day (05.06.2020):**

**Purpose:**It encourages students and faculty members towards awareness and action for the protection of the environment

World Environment Day emphasises the significance of collaborative efforts in addressing environmental challenges. It encourages partnerships among governments, organisations, communities, and individuals to work together for a sustainable future.

**बीएन कॉलेज में पर्यावरण परिवर्तन पर चर्चा :** विश्व पर्यावरण दिवस पर बीएन कॉलेज में कोविड19 के परिपेक्ष्य में पर्यावरण परिवर्तन की चर्चा की गयी. फलदार पौधे भी लगाये गये. मौके पर प्राचार्य डॉ नीलू कुमारी, डॉ अंबिका कुमार, डॉ अमित किशोर सिंह समेत शिक्षक, छात्र व कर्मचारी थे.

**Organization of Human chain (19.01.2020)**

**Purpose:**Involvement of students, Faculty members, non-teaching staffs to promote the initiative of state government to promote Jal Jeevan Hariyali campaign and prohibition as well as to garner people’s support against dowry and child marriage.

In this context, NSS unit of B. N. College, Bhagalpur in association with IQAC had organized the mentioned chain. recommended for a campaign related to Anti Drawry awareness drive. Several student (mostly girls) along with Principal, NSS Programme officer, faculty members and non-teaching staafs had conducted a rally on the mentioned topic.



Human Chain

## पीजी व कॉलेज के शिक्षक व छात्र हुए शामिल

भागलपुर. टीएमबीयू के पीजी जूलॉजी विभाग के हेड प्रो अशोक कुमार ठाकुर के नेतृत्व में मानव शृंखला में छात्रों व शिक्षकों ने भाग लिया. बीएन कॉलेज प्राचार्य डॉ नीलू कुमारी सहित सभी शिक्षक व छात्र-छात्राएं कॉलेज के सामने मुख्य सड़क पर मानव शृंखला में शामिल हुए.

### *An assemblage to welcome newly appointment Assistant Professor and farewell cum felicitation ceremony for retired faculty members (01.02.2020)*

**Purpose:** a. **Afarewell cum felicitation ceremony** is definitely an assemblage to get sentimental to share the vital contribution of retirees in their professional lives. We generally do this by setting a space or portion of the gathering to present highlights of the retiree's personal life and work life. Both are important to display at this occasion. We highlight specific achievements or details whenever we can.

b. **A teacher's first year of teaching** at the college comes with a lot of unknowns. A lot of effort that needs to be made to ensure that they are provided with an optimal environment so they can shine in their new role.

In this regard, a combined farewell cum felicitation ceremony and welcome ceremonies was organized with the help of IQAC of the college. A total of 6 retired teachers were felicitated by the Principal Prof. (Dr.) Nilu Kumari. Moreover, newly joined regular faculty members and guest faculty members were also welcome by the administration of the college.





farewell cum felicitation ceremony of five retired teachers



Welcome celebration of 10 regular faculty members



Welcome celebration of guest faculty members

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### Jal Jeevan Hariyali Campaign (03.03.2020):

**Purpose:** This is an ambitious multi stakeholder programme with the objective of climate sustenance, conservation, and rejuvenation of water bodies and to keep water pollution free, maintaining level of Ground water, ensuring adequate water availability, climate resilient agriculture, energy conservation etc



भागलपुर नेशनल कॉलेज, भागलपुर  
( तिलकमाझी भागलपुर विश्वविद्यालय, भागलपुर की अंगीभूत इकाई )

पत्रांक \_\_\_\_\_ दिनांक \_\_\_\_\_

प्रेस विज्ञप्ति

वि. वि. के पत्रांक NSS/2436/2020 दिनांक 02.03.2020 के आलोक में आज बी. एन. कॉलेज भागलपुर के एन. एस. एस. इकाई द्वारा "जल-जीवन-हरियाली" दिवस का आयोजन किया गया। कार्यक्रम की शुरुआत महाविद्यालय के प्राचार्य प्रो. (डॉ.) नीलू कुमारी ने की। इस अवसर पर कॉलेज के शिक्षकों एवं शिक्षकेत्तरकर्मियों एवं एन. एस. एस. स्वयंसेवकों ने वृक्षारोपण, जल संरक्षण एवं हरियाली के लिए सभी को प्रोत्साहित किया।

Sum  
03/03/2020

प्रो. (डॉ.) नीलू कुमारी 03/03/2020  
प्राचार्य  
बी. एन. कॉलेज, भागलपुर  
Principal  
B. N. College, Bhagalpur

### Marks distribution (18.04.2020)

**Purpose:** To signify the role and responsibilities of students and volunteers during Covid-19 pandemic

Life haddrastically transformedthe lifestyle for everybody during the outbreak of a global pandemic Covid-19. The proper care and safety measures are the need of an hour. There are prime responsibilities towards our villagers and we ought to discharge our duties more

sincerely and with utmost responsibilities. The NSS unit of B. N. College, Bhagalpur in the recommendation of IQAC did the same to set an example for all to follow.

They distributed masks in their adopted village Domasi. Also, students and volunteers had not only distributed number of self-made masks (more than 500 in total) but also interacted with their respective localities. They created an awareness about the present situation and guided the villagers how to positively approach this difficult phase.



Masks distribution among respective villagers

**International Yoga Day (in virtual Mode) 21.06.2020:**

**Purpose:** In recognition of its universal appeal, the United Nations declared 21 June to be the International Day of Yoga in 2014. The purpose of the International Day of Yoga is to increase public awareness of the various advantages of yoga practice.

Yoga in particular, comprising asana, pranayama, and meditation, seems to be especially adequate for COVID-19 recovery, which is a situation characterized by intense fatigue, muscle weakness, dyspnoea, and mental health issues. Due to its properties, yoga is being proposed as a strategy of choice. In this regard, to spread an awareness towards importance of yoga, IQAC of the college in collaboration with NSS unit had organized a virtual Yoga Session on the occasion of 6<sup>th</sup> International Day of Yoga in 2020. The theme of the celebration was 'Yoga at Home and Yoga with Family'. Several faculty members including Principal and students have participated in the event. Dr. J. P. Sharma had performed as a Yoga expert in the event.



### Implementations of alternative tools during COVID-19 Pandemic

Due to the Covid-19 pandemic, the teaching learning process had to be converted to online mode. To facilitate the same, IQAC of B. N. College, Bhagalpur had promoted to create google class rooms to conduct classes online through google meetings. IQAC organized several meetings at a short notice to help teachers in equipping them for the same. A few tools were explained to them for improving quality of online lecture delivery and assessment tools, such as jam board, assignment, quiz, tests, time bound assessments, etc.

A brief illustration of Google Classroom was provided by Dr. Ambika Kumar among faculty members of B. N. College, Bhagalpur:

## Google Classroom



Google Classroom is a free blended learning platform developed by Google for educational institutions that aims to simplify creating, distributing, and grading assignments. The primary purpose of Google Classroom is to streamline the process of sharing files between teachers and students.

Striking features of Google classroom are listed below:

#### **For Teachers:**

- a. Easy to start a video meeting.
- b. Teachers can create and manage classes, assignments, and grades online without paper.
- c. They can add materials to your assignments, such as YouTube videos, a Google Forms survey, and other items from Google Drive.
- d. They can Give direct, real-time feedback.
- e. Easy to use the class stream to post announcements and engage students in question-driven discussions.
- f. Even they can invite parents and guardians to sign up for email summaries with a student's upcoming or missing work.

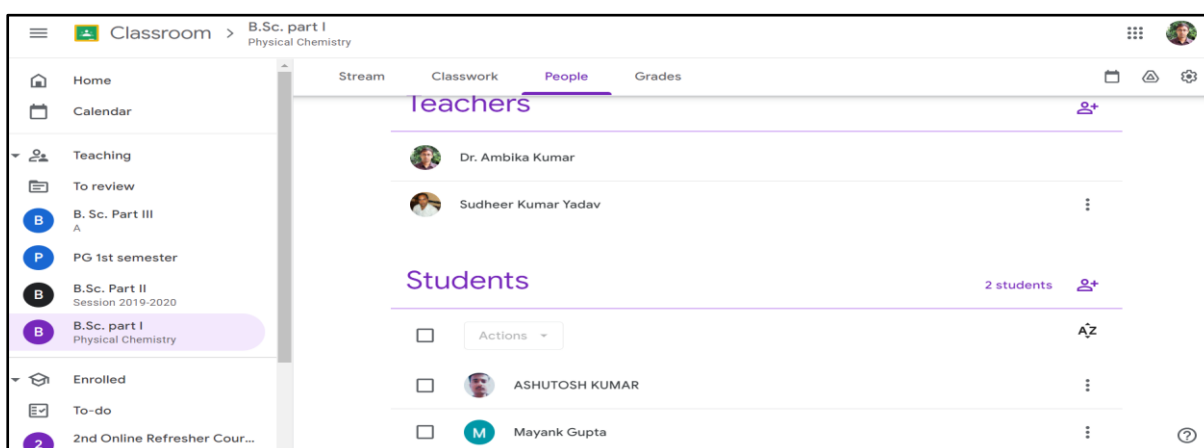
## For Students:

- Students can track classwork and submit assignments.
- They can check originality, feedback, and grades.
- Students can easily share resources and interact in the class stream or by email.

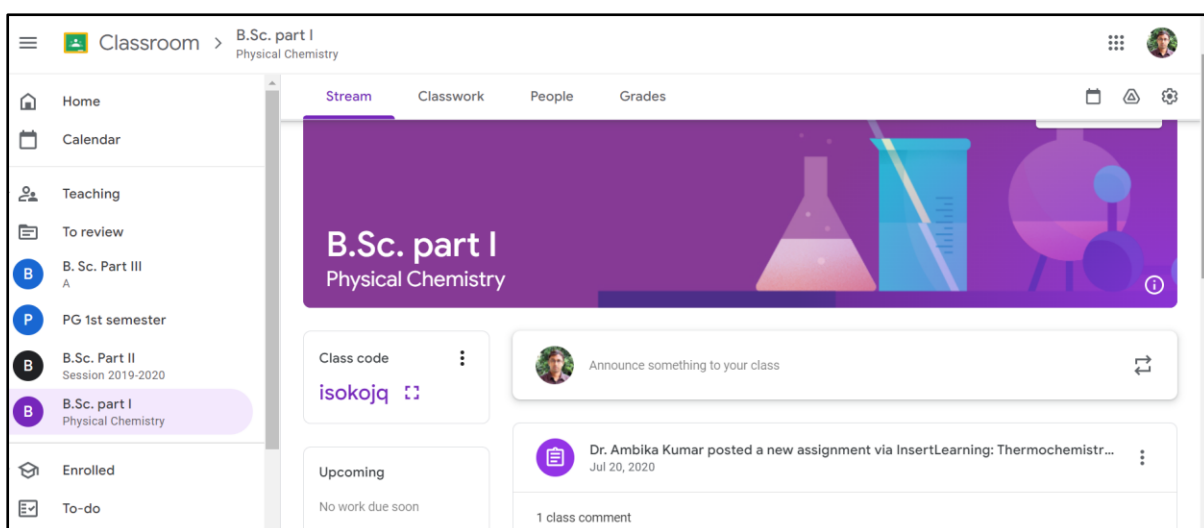
Specially during COVID-19 pandemic, this platform for teaching – learning was massively adopted by most of the faculty members. It has been observed as the one of the best virtual modes for the teaching-learning system.

Report on the conduction of Google Classroom:

The classroom was created with a co-teacher and two topper students of B.Sc. Part I (Chemistry Hons.)



Link and class code was distributed among concerned students:



Classwork was assigned among students:

The screenshot shows the Classroom interface for a course titled "B.Sc. part I Physical Chemistry". The left sidebar contains navigation options: Home, Calendar, Teaching, To review, B. Sc. Part III A, PG 1st semester, B.Sc. Part II Session 2019-2020, B.Sc. part I Physical Chemistry (highlighted), Enrolled, and To-do. The main content area is under the "Classwork" tab. It displays an assignment titled "Thermochemistry - A Review" posted on Jul 20, 2020. The assignment has "No due date" and is an "InsertLearning" assignment. A progress bar shows 0 Turned in, 0 Assigned, and 2 Graded. Below the progress bar is a thumbnail of the assignment content with the URL "https://insertlearning.com/v1/e". There is "1 class comment" and a "View instructions" link.

Instruction and student work:

The screenshot shows the "Instructions" tab for the "Thermochemistry - A Review" assignment. The assignment is by "Dr. Ambika Kumar" and was posted on "Jul 20, 2020". It is worth "100 points". The instructions state "This is an InsertLearning assignment." and include a thumbnail of the assignment content with the URL "https://insertlearning.com/v1/lesso". There is "1 class comment" from "Dr. Ambika Kumar" at "11:15PM" which says "You need to go through the given assignment and feel free to ask me, if having any doubt".



Classroom > B.Sc. part I  
Physical Chemistry

Instructions **Student work**

Return [Envelope icon] 100 points

All students

Sort by status

Graded

Student	Score	Status
ASHUTOSH KUMAR	70	Not turned in
Mayank Gupta "You need to improve"	58	Not turned in

**Thermochemistry - A Review**

0 Turned in | 0 Assigned | 2 Graded

Accepting submissions ?

All

ASHUTOSH KUMAR Graded | Mayank Gupta Graded

### Obtained grade:

Classroom > B.Sc. part I  
Physical Chemistry

Stream Classwork People **Grades**

No due date  
Thermoch emistry -...  
out of 100

Jun 30, 20...  
Basic Organic...  
out of 100

Sort by last name

Student	Score	Status
Class average	64	
ASHUTOSH KUMAR	70	Not turned in
Mayank Gupta	58	Not turned in

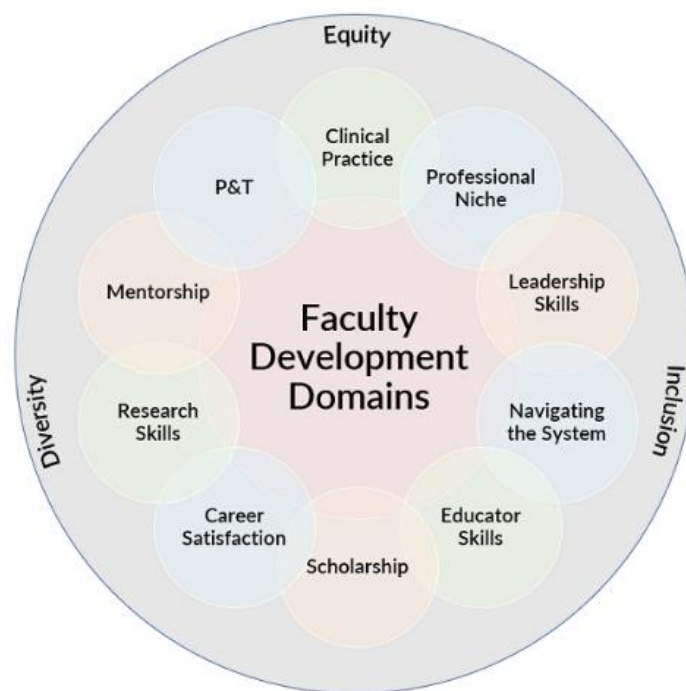
### Implementation of Student Induction Programme

Proposal for ICT enabled Class:

**Promotion of participation in Faculty Development Programme:**

Faculty development programs prepare teachers with the latest teaching methods. They use technology to impart effective education. The modern teaching tools has been emerged as a very effective tools, especially COVID-19 pandemic. FDP related to modern tools and techniques has promoted by IQAC. In this regard, several tools like, writing pad, virtual laboratory tools (for lab related subjects), high speed uninterrupted internet facilities, HD camera for live sessions are advised to arrange. By conductive such interactive virtual class, students learn better and therefore perform better at exams.

IQAC, B. N. College Bhagalpur encouraged all faculty members to participate at least one or two Faculty Development Programme (FDP)/Quality Improvement Programme (QIP) in an academic year. Many faculty members have participated various FDP programme to enrich their teaching skills in the academic year 2020-21.



**The potential scope and purpose of faculty development programs**

The cell also recommends faculty members of B. N. College Bhagalpur to actively participate the programme, organized by a reputed institutions and to make a brief report on their experiences of the programme. The shared experienced may be useful to their colleague and it may also help to exclude the repeated FDP programme on the same topic.

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### **Promotion of Research Activities:**

Faculty members of the B. N. College, Bhagalpur are encouraged to involve themselves in research activities, such as:

1. Performing experimental works in lab-oriented departments
2. Publishing research/review articles in reputed journals
3. Publishing book chapters
4. Editing books
5. Participating in National/International level seminar to enrich their research-oriented skills. Also, such assemblage helps them to get connections with several eminent research personalities.
6. Writing a research project, etc.

Some of our faculty members are of strong research background. They are engaged in research activities in collaboration with different national/international research communities. Though our college does not have facility to perform sophisticated experiments, but the collaborated research works (with PG departments or with other colleges/universities) are always promoted. IQAC also felicitate faculty member(s), publishing a quality research paper.

### **Promotion of Extracurricular activities:**

IQAC of B. N. College, Bhagalpur is committed to develop a complete personality among college students. In this regard, IQAC monitors the activities organized by concerned cells/committees (NSS/Cultural Committees/Sports, etc). IQAC also suggest these committees to motivate students to participate various activities on relevant issues/topics other than academic performance. In this context, we could recognize several hidden talents, who are unable explore their ideas/talents in the lack of suitable platform. Some community interactions are also being performed during last academic year (2020-21) by students in collaboration with NSS unit of B. N. College, Bhagalpur. On the recommendation of IQAC several activities have also been added in the NSS regular activities.

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### Conduction of Webinar/Seminar on IPR

A meeting by IQAC was organized in the staff room of B. N. College, Bhagalpur to discuss the importance of conduction of seminar/webinar on Research Methodology and IntellectualProperty Rights (IPR). Since B. N. College, Bhagalpur provides education up to UG level, hence conducting seminar/webinar on IPR is suggested as more relevant for faculty members and students



### **Significance of IPR in India**

Dr. Ambika Kumar  
Convenor, NAAC Steering Team  
B. N. College, Bhagalpur

Principal,  
B. N. College, Bhagalpur

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