



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>	COLLEGE OF COMMERCE, ARTS AND SCIENCE, PATNA
Name of the head of the Institution	Professor Tapan Kumar Shandilya
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	06122350136
Mobile no.	9431049871
Registered Email	principalcocaspatna@gmail.com
Alternate Email	santoshkumar.coc@gmail.com
Address	In Front of Rajendra Nagar Terminal, Main Road Kankarbagh, Patna - 800020, Bihar
City/Town	Patna
State/UT	Bihar

Pincode	800020								
<b>2. Institutional Status</b>									
Affiliated / Constituent	<b>Constituent</b>								
Type of Institution	<b>Co-education</b>								
Location	<b>Urban</b>								
Financial Status	<b>state</b>								
Name of the IQAC co-ordinator/Director	<b>Dr. Santosh Kumar</b>								
Phone no/Alternate Phone no.	<b>06122350136</b>								
Mobile no.	<b>9470032269</b>								
Registered Email	<b>santoshkumar.phy@cocaspatna.ac.in</b>								
Alternate Email	<b>skr@cocaspatna.ac.in</b>								
<b>3. Website Address</b>									
Web-link of the AQAR: (Previous Academic Year)	<a href="https://cocaspatna.ac.in/wp-content/uploads/2022/01/AQAR-2017-18.pdf"><u>https://cocaspatna.ac.in/wp-content/uploads/2022/01/AQAR-2017-18.pdf</u></a>								
<b>4. Whether Academic Calendar prepared during the year</b>	<b>No</b>								
<b>5. Accrediation Details</b>									
<b>Cycle</b>	<b>Grade</b>	<b>CGPA</b>	<b>Year of Accrediation</b>	<b>Validity</b>					
				<b>Period From</b>	<b>Period To</b>				
<b>2</b>	<b>A</b>	<b>3.10</b>	<b>2016</b>	<b>19-Feb-2016</b>	<b>18-Feb-2021</b>				
<b>6. Date of Establishment of IQAC</b>		<b>15-Jul-2010</b>							
<b>7. Internal Quality Assurance System</b>									
Quality initiatives by IQAC during the year for promoting quality culture									
Item /Title of the quality initiative by IQAC	Date & Duration			Number of participants/ beneficiaries					
<b>Special Talk was organized to improve the sports culture in</b>	<b>04-Oct-2018 1</b>			<b>250</b>					

college. The talk was delivered by the M.P. of Patna Shri. Shatrughan Sinha		
One Day workshop on 'Lok Vigyan' was organized to stimulate the scientific temperament of students	07-Feb-2019 1	200
A talk was delivered by Dr. Sangam Banerjee of SAHA institute of Nuclear Physics, Kolkata on the topic Science For People and People for Science	27-Feb-2019 1	250
A one workshop was organized on the topic Vigyan ek Junoon hai	28-Feb-2019 1	200
A symposium on Economic Democracy was organized	19-Mar-2019 1	200
A one day cultural fest on the theme Dholak aur Manjire ki thaap par College of Commerce was organized	20-Mar-2019 1	150
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**8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Department of Physics	CRS Project	UGC DAE CSR Indore	2019 360	256000
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**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC

[View File](#)

**10. Number of IQAC meetings held during the year :**

2

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

No

Upload the minutes of meeting and action taken report

[No Files Uploaded !!!](#)

<p><b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b></p>	<p>No</p>																
<p><b>12. Significant contributions made by IQAC during the current year(maximum five bullets)</b></p>																	
<p>The IQAC organized several workshops/Talks/Activities/Symposia to strengthen the quality culture of College</p>																	
<p>The IQAC worked for improving the participation of the students of college in sports activities</p>																	
<p>The IQAC initiated the culture of organizing the Tuesday inhouse departmental seminars in each department of college</p>																	
<p>The IQAC worked for enhancing the fascination of students for laboratory activities and their participation therein</p>																	
<p>The IQAC worked for improving the infrastructural facilities of college where ever was required</p>																	
<p style="text-align: center;">No Files Uploaded !!!</p>																	
<p><b>13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year</b></p>																	
<table border="1" data-bbox="80 1167 795 1971"> <thead> <tr> <th data-bbox="80 1167 795 1260">Plan of Action</th><th data-bbox="795 1167 1513 1260">Achievements/Outcomes</th></tr> </thead> <tbody> <tr> <td data-bbox="80 1260 795 1372">Installation of Solar Panel in college for self sufficiency in energy requirements and going for green energy</td><td data-bbox="795 1260 1513 1372">A KVA solar panel has been installed above the roof of the Botany Department of college</td></tr> <tr> <td data-bbox="80 1372 795 1484">Organizing orientation programme/Induction meet in the beginning of the academic session</td><td data-bbox="795 1372 1513 1484">Done</td></tr> <tr> <td data-bbox="80 1484 795 1596">Starting the construction work of the ground floor of Technical Bhawan</td><td data-bbox="795 1484 1513 1596">Work Completed</td></tr> <tr> <td data-bbox="80 1596 795 1747">Motivating Teachers for publishing their research work in National/International journals of repute</td><td data-bbox="795 1596 1513 1747">Partially Succeeded</td></tr> <tr> <td data-bbox="80 1747 795 1837">Strengthening the sports activities of college</td><td data-bbox="795 1747 1513 1837">Efforts are sincerely being done</td></tr> <tr> <td data-bbox="80 1837 795 1927">working for the revival of constantly fading the cultural practices of Bihar</td><td data-bbox="795 1837 1513 1927">Efforts are sincerely being done</td></tr> <tr> <td colspan="2" data-bbox="80 1927 795 1971"> <p style="text-align: center;">No Files Uploaded !!!</p> </td></tr> </tbody> </table>		Plan of Action	Achievements/Outcomes	Installation of Solar Panel in college for self sufficiency in energy requirements and going for green energy	A KVA solar panel has been installed above the roof of the Botany Department of college	Organizing orientation programme/Induction meet in the beginning of the academic session	Done	Starting the construction work of the ground floor of Technical Bhawan	Work Completed	Motivating Teachers for publishing their research work in National/International journals of repute	Partially Succeeded	Strengthening the sports activities of college	Efforts are sincerely being done	working for the revival of constantly fading the cultural practices of Bihar	Efforts are sincerely being done	<p style="text-align: center;">No Files Uploaded !!!</p>	
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<p><b>14. Whether AQAR was placed before statutory body ?</b></p>	<p>No</p>																

<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	No
<b>16. Whether institutional data submitted to AISHE:</b>	Yes
Year of Submission	2019
Date of Submission	16-Feb-2019
<b>17. Does the Institution have Management Information System ?</b>	Yes
If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)	ONLY ACCOUNTS MANAGEMENT

## Part B

### **CRITERION I – CURRICULAR ASPECTS**

#### **1.1 – Curriculum Planning and Implementation**

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The institution has a well-planned and documented process for delivering effective curriculum. The college ensures that each department mandatorily has a curriculum enrichment and implementation committee responsible for operating and governing the effective and timely delivery of the curriculum prescribed by the affiliated university. The committee is also determined and works to provide better prospects in line with global standards and professional needs by developing ingenious and insightful perspectives among students. If the committee has any problems implementing its plans, it will let the H.O.D. know and come up with a practical solution. The college has a central committee that oversees the curriculum, as well as issues that come up throughout the year. Any issue that still needs to be resolved at the departmental committee level, or needs further consultation with the university or other stakeholders, is referred to the central committee. Each year before the start of a new academic session, the two committees meet jointly to implement and develop strategies for curriculum, extracurricular activities and innovative experiments to attract the upcoming session as much as possible. The committee has the power to persuade and compel professors to use the full potential of teaching aids according to the practicality of the subject.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employability/entrepreneurship	Skill Development
Computer Basics	Nil	31/03/2018	30	Employability/ Entrepreneurship	Skill Development
Urdu Basic	Nil	31/03/2018	30	Competency enhancement	Skill Development

## 1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BVoc	Skill development	17/07/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
MCom	Masters Degree in Commerce and Accounts	31/03/2018
MA	Masters Degree in Eight Different Subjects	31/03/2018
MSc	Masters Degree in Physics, Zoology, Mathematics, Chemistry, Botany	31/03/2018

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	213	0

## 1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Employment Enhancement Program	17/07/2018	432
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BBA	Internship	276
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## 1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	No
Employers	No
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
<a href="#">Feedback on institutional performance is evaluated on the following parameters</a>

- 01. Overall impact of the college on students lives
- 02. Support of the office staff of college to students and other stakeholders
- 03. The overall ambience of the cleanliness of the campus.
- 04. Wi-Fi Facility
- 05. Sports Facility
- 06. Curricular Assessment and Evaluation
- 07. Co-Curricular and Extra Curricular Activities

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BA	Honours course in Arts and Humanities	1539	7000	1450
BCom	Honours course in Commerce and Accountancy	1038	8900	1011
BSc	Honours course in Sciences	1169	4500	1060
MA	Masters in Arts and Humanities	806	911	675
MSc	Masters in Sciences	347	475	310
MCom	Masters in Commerce and Accounts	300	680	290
BVoc	Undergraduates in Vocational	660	1263	623
MVoc	Postgraduates in Vocational	230	486	209

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### 2.2 – Catering to Student Diversity

#### 2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	4058	1524	147	108	108

### 2.3 – Teaching - Learning Process

#### 2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using	ICT Tools and resources	Number of ICT enabled	Number of smart classrooms	E-resources and techniques used

	ICT (LMS, e-Resources)	available	Classrooms		
147	110	14	14	14	5
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### 2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The mentoring system at the College of Commerce, Arts and Science, Patna ensures that the students learn to adapt to the dynamic learning environment and lead their way into highly successful careers. The institute has an integrated mentoring system in which the faculty act as a link between the students and the institution, providing guidance and monitoring throughout their time at college. Mentors work with the parents to keep the students on track. Mentors also track mentee performance during summer internships by continuously interacting with company-designated industry guides for students in their areas of interest. The Heads of various departments also act as mentors and monitors for the students assigned to them. The HOD (Head of Department) of the various departments also act as a tutor and supervise the various activities of the assigned tutors and students. HOD will meet with all mentors in their department at least once a month to review proper implementation systems, as well as suggesting and advising mentors when necessary, and initiating administrative action on the student (if necessary). Mentors should from time to time provide a detailed report on the mentoring system to the head of the institute. Benefits of a mentoring system: Increases students confidence and challenges them by setting higher goals, taking risks and ultimately guiding them to achieve higher levels. Individual recognition and encouragement. Psychosocial support when needed. professional responsibilities. Mentors act as role models and promote leadership by developing interpersonal skills and helping students excel in a competitive environment.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
5582	255	1:22

### 2.4 – Teacher Profile and Quality

#### 2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
144	108	39	9	105

#### 2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Professor Tapan Kumar Shandilya	Principal	Best Economist and Administrator of the year awarded by His Excellency governor of Tamilnadu at Ethiraj College for Womens Chennai
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### 2.5 – Evaluation Process and Reforms

#### 2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last	Date of declaration of

			semester-end/ year-end examination	results of semester-end/ year- end examination
BA	Nill	Year	31/07/2019	02/12/2019
BCom	Nill	Year	31/07/2019	02/12/2019
BSc	Nill	Year	31/07/2019	02/12/2019
MA	Nill	Semester	31/07/2019	03/10/2019
MCom	Nill	Semester	31/07/2019	03/10/2019
MSc	Nill	Semester	31/07/2019	03/10/2019

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#### 2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The college makes sure that there is a fair and transparent way to assess students progress. This is a policy that is followed throughout the college across all the schools. There is a handout prepared by the subject teacher for the papers that will be handled by her or him. The assessment method is clearly mentioned in the course handout. Its available to all students who have chosen that stream. They are given a clear picture of the assignment, and the number of tests or exams that will be held and considered for their assessment. The breakup of the calculations and rubrics for assessing a particular assignment is mentioned in the handout. The students are informed in advance about these assignments, assessments, and their respective weightages. This helps them prepare for the same thing. The departments offer regular tests, Pre-final exams, and assignments to help students learn more effectively. These are taking place as scheduled at the scheduled time table which was announced in the advertisement.

#### 2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

At the start of each semester, the College creates an academic calendar. As long as no outside influences interfere, the academic and extracurricular activities listed on the schedule are faithfully followed. The course materials are created by the lecturers based on this academic schedule. This enables the institution, the professors, and the students to tackle both academic and extracurricular activities in a systematic and disciplined way. It makes sure that the colleges extracurricular activities wont have an impact on the internal assessment process. Such a systematic strategy has positive effects for the pupils as well. They may schedule their activities in advance and be prepared without being hurried. They develop a feeling of responsibility and timeliness as a result. Transparency in the administration of the Continuous Internal Assessment is ensured through an academic calendar. The correction of the papers and the uploading of the grades into the ERP are both subject to strict deadlines. The uploaded grades will be available to the students right away. The approach used to evaluate them is transparent to the pupils, which lessens their fears. The examination committee will direct the students in the correct direction to help them find a resolution or clarity to their issues if they have any questions.

### 2.6 – Student Performance and Learning Outcomes

#### 2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<https://cocaspatna.ac.in/program-course-outcomes/>

#### 2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
UG3AH	BA	Arts and Humanities	1375	1352	98.32
UG3SC	BSc	Science	1002	987	98.5
UG3COM	BCom	Commerce	988	903	91.39
PGAH	MA	Post graduation in Arts and Humanities	675	668	98.96
PGSC	MSc	Post graduation in Science	302	298	98.67
PGCOM	MCom	Post graduation in Commerce	290	272	93.79

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## 2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<https://cocaspatna.ac.in/student-satisfaction-survey/>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	1080	UGC DAE CSR Indore	792000	256000

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### 3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Intellectual Property Rights vis-a-vis patenting rules	IQAC of College	17/08/2018

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
NA	NA	NA	NA	NA

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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
01	BV AIC	Bihar Vidyapeeth	Soil Pottery	Student Innovation	08/05/2019
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### 3.3 – Research Publications and Awards

#### 3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
02	00	00

#### 3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
All the 17 conventional departments running in College	16

#### 3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Science, Arts, Humanities	28	0
International	Science, Arts, Humanities	5	3
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#### 3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Physics	2
Zoology	3
Economics	2
History	1
Political Science	1
Geography	2
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#### 3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Attached	Attached	Attached	Nill	Nill	Aas Attached	Nill
<a href="#">View File</a>						

#### 3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations	Institutional affiliation as

					excluding self citation	mentioned in the publication
Influence of Cu incorporation on ionic conductivity and dielectric relaxation mechanism in NiO thin films synthesized by CBD	Ayan Mukherjee	Journal of Materials Science: Materials in Electronics (Springer)	2018	5	82	The University of Burdwan

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### 3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	0	32	13	42

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### 3.4 – Extension Activities

#### 3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non-Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Awarness Campaign for Liquour free Bihar	NSS	7	32
RDC and TSC	NCC	1	1

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#### 3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Academic Excellence	Best Economist and Administrator of the Year	Governor of Tamil Nadu	5000

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#### 3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Cleanliness Drive	NSS	Flash Mob	12	53

Rural Immersion Program	MBA and Economics Department	Rural Tour	4	21
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### 3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Collaborative Research	Santosh Kumar	CRS Project	365
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
As Attached	As Attached	As Attached	Nill	Nill	As Attached
<a href="#">View File</a>					

3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
UGC DAE CSR, INDORE	31/03/2018	Collaborative Research	1
No file uploaded.			

## CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
5000000	4512560

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Newly Added
Seminar halls with ICT facilities	Newly Added
Value of the equipment purchased	Newly Added

during the year (rs. in lakhs)

Classrooms with Wi-Fi OR LAN

Newly Added

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#### 4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
EDUWIN	Partially	4	2022

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	48000	Nill	4000	Nill	52000	Nill
Reference Books	600	Nill	100	Nill	700	Nill

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
SANTOSH KUMAR	SOLID STATE PHYSICS	DISTINCT PHYSICS	17/03/2019

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#### 4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	168	4	168	2	1	8	28	100	0
Added	0	0	0	0	0	0	0	0	0
Total	168	4	168	2	1	8	28	100	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Video Lectures	<a href="https://www.youtube.com/distinctphysics">https://www.youtube.com/distinctphysics</a>

#### 4.4 – Maintenance of Campus Infrastructure

**4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year**

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
1000000	734561	5000000	4512560

**4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)**

The college is well prepared with its integrated budget for maintaining and utilizing physical, academic and supporting facilities. It has its own funds for maintenance and repairs of facilities. The allocated funds are utilized as per the requisition send by different committees by the final approval from the Principal. We have an inventory store/Stock Register which is maintained regularly and verification of stock is also performed by the concerned Department Heads. Maintenance and utilization of various facilities are given below:

**Maintenance of physical facilities:** The college has regular maintenance of the buildings and internal campus. College has its own maintenance team working on Plumbing, Electrical and Civil work, and it is maintained regularly. Adequate toilet facility both for boys and girls are there in the college campus, a hired housekeeping team always clean and maintain it. Water tanks in the college campus as well as in various blocks or departments are cleaned regularly. Additionally, the water purifiers located in each floor and departments and located anywhere inside the campus are cleaned to get clean and uninterrupted water. The Coolers are regularly cleaned and RO system are replaced. Entire campus has well defined and displayed their department boards, internal pathways connecting the different departments, academic, administrative building and various amenity spaces (Toilet, Guest room, common room, canteen, sports room, art and culture room, ATM facility, Bank service etc.) are defined with proper signage.

**Maintenance of Academic facilities:** The maintenance of academic facilities mainly consist of few very important aspects, which are as follows:

- a) **Class/Course management:** There is always an upgradation of teaching pedagogy for students in class. The attendance of students, Assignments/Project reports or power point presentation all are properly managed at the departmental level.
- b) **Library management:** The College have integrated Eduwin modules software with our website. Everything is being managed effectively and successfully. Library is automated with Eduwin MIS software. No matter whether it is classifying or indexing of books, tracking of books, overdue notice, reminder notice, information about member and member types, books issue and return details to students and faculties, everything is automated through Eduwin MIS software. It is a multi-user interface. Through the said automation software, book purchase management, stock verification, stock reports, generation of purchase bills/invoice, transaction history, etc. can also be managed. We ensure availability of various resources in stock, create and maintain list of categorized products. Even purchases and orders can be generated through our store management system.
- c) **ICT Unit/Smart Class:** In teaching learning process, ICT unit always plays a vital role. Teacher uses live data, other governmental data, power point presentation etc. which makes the teaching learning process more easy, lively, and excitement to student as well.

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**CRITERION V – STUDENT SUPPORT AND PROGRESSION**

**5.1 – Student Support**

**5.1.1 – Scholarships and Financial Support**

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Student Credit Card	1100	2100000
Financial Support from Other Sources			
a) National	Nill	Nill	Nill
b) International	Nill	Nill	Nill
No file uploaded.			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Personal Counselling and Mentoring	15/08/2018	300	College Experts
Yoga and Meditation	08/08/2018	124	College Experts
Remedial Classes	11/09/2018	209	College Experts
No file uploaded.			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	Career Counselling for Competitive Examinations	212	340	18	24
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
12	12	7

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stdudents placed	Nameof organizations visited	Number of students participated	Number of stdudents placed
As Attached	Nill	Nill	Aas Attached	Nill	Nill

[View File](#)

## 5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	2175	B.A, B.SC, B.COM, M.A, M.SC, M.COM, VOCATIONAL COURSES	Science, Arts, Commerce, Humanities and Vocational	College of Commerce, Arts and Science, Patna and other colleges/universities	Post Graduation and Ph.D Programmes

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year  
(eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	14
Any Other	8

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## 5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Chess	Inter College/Intra University	16
Volleyball	Inter College/Intra University	24
Kabaddi	Inter College/Intra University	12
Karate	Inter College/Intra University	4

No file uploaded.

## 5.3 – Student Participation and Activities

## 5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Nil	Nill	Nill	Nill	NA	NA

No file uploaded.

## 5.3.2 – Activity of Student Council &amp; representation of students on academic &amp; administrative bodies/committees of the institution (maximum 500 words)

Our college students are always at the front to represent and engage in various administrative, co- curricular and extracurricular activities by nominating performer students and students from the students union of college in different committees and cells of college. Student union committee are always encouraged

to play an active role in decision making process of the college. There is a practice of nominating one student in the IQAC. The planning and development committee of college, Placement Cell, Gender sensitization cell, Anti Ragging Cell, Sports Committee, NCC and NSS plays a vital in the development of the college. The student union is the most important body representing all the students of college which works for the general interest and welfare of students. It brings the grievances and the problems of students into the notice of the appropriate authorities and organizes various activities including Freshers Party, Farewell, Educational Trips, Student Welfare Programmes and Cultural activities.

#### **5.4 – Alumni Engagement**

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

0

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

1

### **CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT**

#### **6.1 – Institutional Vision and Leadership**

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Our college seeks to provide not only quality education but also envision the holistic development of the students. It inculcates human values among its students as well as employees of the college. There is a very strong coordination and interpersonal relationship between all the employees of the college (including academic and non-academic). The college works with the motto "vidya vineyench" which literally means and highlight humility and politeness as the indicators of intellectual qualities. Every problem in life can be ignored and can be solved with remaining calm, humble and polite. This motto is also reflected in our college logo. As our college caters students from both rural and urban background, so it always tries to fulfill the advantage to them. This college not only produced good academician but also good leaders and social reformers so that they can bring a significant change in the society as well as change in the lives of million. Our college is a constituent unit of Patliputra University, Patna and the university is the ultimate policymaker of the college. While college is responsible for its effective implementation to all the policies related to admission, results, examinations, finance etc. The Students union members are always encouraged to participate in various developmental activities of the college. Through this participation of students, it also develops a good interaction between teachers and students.

6.1.2 – Does the institution have a Management Information System (MIS)?

Partial

#### **6.2 – Strategy Development and Deployment**

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Teaching and Learning	<p>The following are the strategies adopted for Teaching and Learning, : 1. Well-prepared course handouts with objectives and learning outcomes for each subject. 2. A variety of cutting-edge educational tools that use the most recent teaching and learning techniques. 3. Value-added programmes that prepare students for the demands of the workplace. 4. Backlog and remedial lessons to meet the various demands of the students. 5. Advanced learner projects, internships, and seminars.</p>
Examination and Evaluation	<p>Every department has an Examination Committee that oversees continual evaluation via weekly tests, assignments, skill development, quizzes, and pre-final examinations. The Examination Committee guarantees that the Patliputra University format is followed when creating the question paper and grading it. Students are provided constructive test comments, and exam results are posted on the department notice board.</p>
Research and Development	<p>Research is an essential component of institutional growth different possibilities are available to foster research aptitude, such as, 1. A well-defined research and consulting policy. 1. We are considering offering financial support to faculties and students to attend international conferences, seminars, workshops, symposiums, FDPs, and so on. 2. Attendance at seminars is encouraged, and attendees are provided with financial assistance and On Duty attendance. 3. An in-house research forum for presenting papers is offered, with all faculties taking turns presenting their research work and receiving constructive input from an external chairperson. 4. A student seminar series is also presented on a regular basis.</p>
Library, ICT and Physical Infrastructure / Instrumentation	<p>A well-stocked campus library that caters to the different needs of students and teachers. International and national journals, magazines, and newspapers Many classrooms have projectors and wireless internet access. Laptops are offered to instructors to aid them in delivering</p>

courses and updating ERPs. The college is spread out across 7 acres and has well-ventilated and large classrooms. Seminar room, Auditorium, specialised sports area, Laboratories, Staff quarters and administrative blocks, and a well-kept cafeteria

#### 6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
<b>Administration</b>	E Governance in the area of Administration Implemented in the following forms, 1. Online updation of Local Inspection Committee. 2. Online Preparation of AQAR Report. 3. Online HR portal 4. Google Workspace for Official communication.
<b>Examination</b>	E Governance in the area of Examination Implemented in the following forms, 1. Updation of Internal Assessment marks on Patliputra University Portal. 2. Updation of Practical and Project Marks on Patliputra University Portal. 3. Declaration of Semester results. 4. Applying for Re valuation process. 5. Planning and execution of Semester Examination
<b>Finance and Accounts</b>	E Governance in the area of Finance and Accounts Implemented in the following forms, 1. Eduwin for Official communication. 2. Online portal for Payslip generation, EPF, IT. 3. Eduwin Software for Finance Management.

#### 6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Nil	NA	NA	0
No file uploaded.				

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	Faculty	NA			114	Nill

	Development Program		17/07/2018	18/07/2018		
2018	NA	Computer Literacy Program	22/09/2018	22/09/2018	Nill	43
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Orientation/Refresher Course	4	02/10/2018	25/10/2018	21
No file uploaded.				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	0	0	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
College personnel, both teaching and non-teaching, can yield benefit of several successful welfare programmes. The following are some examples of such measures: 1. All teaching and non-teaching employees of the college are covered by an employee general provident fund. 2. There is a provision for a Group medical insurance for all teaching and non-teaching employees of college. 3. At our college, we have a unique system in which teachers and non-teaching staff contribute one days salary in the incident of an employees untimely death during their service period, which is handed to the deceased employees dependent.	From last year itself the college administration has requested that every teaching and non-teaching staff submit a self-performance appraisal report and honestly analyse if they are proving their worth to the institution. If any flaws or gaps are detected, prompt action is taken.	The college has an inhouse fully equipped Medical Room for the staff and students of the college. The Rotary Club helps in managing Nurse/Doctor in medical room on periodical basis. One of our college teachers from the department of Psychology is a professional Clinical Psychologist who visits different departments once a week. We have a Counselling Cell run by selected teachers and students of the Department of Psychology and PGDCR of our college. The college has a Fee Concession Committee, an Internal Complaint Committee, an Anti-Ragging Committee, and a Student Grievance Redressal Cell to cater to the needs of the students. Our college believes in acknowledging

and appreciating the achievements of its students. The college honours its outstanding students for their hard work and sincerity through various categories of awards and scholarships. The College has been offering coaching facilities for students to appear in various competitive examinations. Each department follows the Mentor-Mentee program in which a group of students are assigned to a teacher who mentors them. Students meet their mentor on a frequent basis to iron out any problem they are facing. This helps in identifying and mentoring personal and academic issues. The reserved category students are getting scholarship from various

#### **6.4 – Financial Management and Resource Mobilization**

##### **6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)**

Yes, internal audits are performed on a regular/yearly basis by the institution. However, because the external audit is overseen by the university and undertaken by the Bihar Governments auditors at the university's request, it occurs at regular intervals. The most recent external audit was place in 2017. The internal audit, on the other hand, is current. In the external audit conducted in 2017, the auditors identified a few minor issues.

##### **6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)**

Name of the non government funding agencies /individuals	Funds/ Grants received in Rs.	Purpose
Lions Club	Nill	Conducts Free Eye Surgery of Low Income Group Non-Teaching Employees
No file uploaded.		

##### **6.4.3 – Total corpus fund generated**

0

#### **6.5 – Internal Quality Assurance System**

##### **6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?**

Audit Type	External	Internal

	Yes/No	Agency	Yes/No	Authority
Academic	Nill	Nill	Yes	College Committee
Administrative	Nill	Nill	Yes	College Committee

#### 6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

Suggestions for improvement of academics. Cooperation in maintaining discipline. Participation in cultural events, sports etc. Personality class of B.Sc. I (Honours) conducted a seminar on the topic Respect your parents and elders on 01.11.2018. The Parents' Day Celebration was organised on 16th December, 2018 with the students of the College and their parents, was celebrated with joy and enthusiasm by the students. Around a hundred and fifty parents and students participated in the programme. All the departments have conducted parent teacher meeting.

#### 6.5.3 – Development programmes for support staff (at least three)

Computer Training 2. Administrative Skills 3. Conducive environment for self up gradation

#### 6.5.4 – Post Accreditation initiative(s) (mention at least three)

The institution has given serious consideration to the NAAC recommendations and took up several initiatives for the overall development and quality enhancement during the following years. 1. IQAC is fully functional and the functioning of the college is being planned, implemented and monitored by this very active cell. 2. Along with IQAC several other committees have been constituted for enhancement of quality in the various segments/sectors of the college. 3. Special emphasis has been given for the promotion of research both for the faculty and students.

#### 6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	No
d)NBA or any other quality audit	No

#### 6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Orientation Program for Freshers and Parents	02/07/2018	02/07/2018	05/07/2018	2200
2018	Faculty Development Program on SPSS	17/07/2018	17/07/2018	20/07/2018	35
2018	Student Seminar, Organized by Department of	29/08/2018	29/08/2018	29/08/2018	30

	<b>Journalism and Mass Com munication</b>				
2018	Tuesday Seminar Series	31/07/2018	31/07/2018	31/07/2019	2000
2019	Bidesiya Play on World Theatre Day	27/03/2019	27/03/2019	27/03/2019	200
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## CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Gender and Migration in India: The Story so far	30/03/2019	30/03/2019	140	60

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
We have provision for Rain Water Harvesting. We have developed one Vermicomposting unit in the garden of Botany Department. We have submitted proposal to Bihar Govt. for installation of Solar Energy Panel of capacity 30 Kva on subsidized rate.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	20
Ramp/Rails	Yes	20
Rest Rooms	Yes	20

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	1	1	09/10/2018	1	Educating children of nearby Slums	Education	10

2019	1	1	28/04/2018	1	Blood Donation Camp	Health	35
No file uploaded.							

#### 7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Faculty Handbook	09/04/2018	The Faculty Handbook is intended to provide basic information about the College as well as some of the most relevant College rules and procedures as they pertain to the Faculty of the College. The policies specified in the Faculty Handbook as they are in force at the moment form part of the key employment understandings between Faculty members and the College. Other College regulations and guidelines can be found here.

#### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Gandhi Jayanthi	10/10/2018	10/10/2018	200
Good Governance Day	24/12/2018	24/12/2018	120
Republic Day Celebration	26/01/2019	26/01/2019	800
World Environment Day	05/06/2019	05/06/2019	410
No file uploaded.			

#### 7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Our institution is very much concerned about environmental issues. We are quite attentive and precise about how we manage degradable and nondegradable garbage. For degradable waste management, we offer a vermicomposting facility and a phytoremediation unit. We have signed a Memorandum of Understanding with Delhi Public School in Patna to recycle waste papers as they have their own waste paper recycling facility. We have an e-waste management arrangement with Karo Sambhav. LED bulbs have replaced the Campus Street lights considering the cost-savings and environmental benefits. Our campus has a rainwater harvesting system. We make a concerted effort to improve the Campus green cover. We are trying to develop a facility for the disposal of Hazardous chemicals and Radioactive wastes.

### 7.2 – Best Practices

#### 7.2.1 – Describe at least two institutional best practices

The Zoology department has an attached fish pond that is utilised for research on fish culture and freshwater Zooplankton. Furthermore, the pond water is employed in a variety of ecological experiments. The Zoology department, Science block, and Arts block all together use this fish pond to collect rainwater (containing departments of Mathematics, Political science and Economics). After some basic filtering, rainwater is collected in this fish pond. This clustered rainwater is utilised to hydrate the Botanical Garden after a few days. A Vermicompost facility is located in the Botanical Garden of the College of Commerce, Arts and Science in Patna, and it is utilised for vermicasting and solid waste management. The organic waste inside the campus is used as a raw material for vermicomposting, and the resulting vermicast is presently used as compost for the Botany Gardens plants and other plants in campus. This vermicompost unit is being utilised to provide ideas and training to our students in vermicasting, which may empower them to start small scale profitable businesses in the future. We intend to grow up our vermicomposting operation such that the operating costs may be covered by selling surplus product.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<https://www.cocaspatna.ac.in>

### 7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The college was established in 1949 with the pious motive of making quality education accessible to all aspiring young people regardless of sociocultural or economic status. Since its inception, one of the Institutions main thrusts has been to provide students, particularly those who are downtrodden, with a specific skill and knowledge, so that they can live with dignity and contribute effectively to nation building. To support the governments skill India and start-up India missions, our institution, in collaboration with the Bihar Skill Development Mission of Bihar Government organised various skill courses for SC/ST students to empower them by providing the necessary skills for entrepreneurship development and start-ups. The students who took training under the said program were linked with the industry department of Bihar Government for a financial assistance (start-up money) in the form of an interest-free loan to establish some start up industry. More than 200 students received such training and received a start-up fund of Rs. 10 lakhs each from the Bihar government in the form of an interest-free loan to start a skill-based firm.

Provide the weblink of the institution

<https://www.cocaspatna.ac.in>

### 8. Future Plans of Actions for Next Academic Year

1. To obtain Bihar Government approval and ensure the flow of funds for the proposed examination hall/auditorium construction.
2. To develop a CIC (Centralised instrumentation Centre).
3. Installing solar panels on the roofs of several campus buildings.
4. To encourage more students to sign up for MOOCs, NPTELs, SWAYAMs, and other certificate programmes such as Coursera and Spoken Tutorials.
5. More FDPs and SDPs on cutting-edge technologies and contemporary topics should be organised.
6. To organise as many workshops, seminars, conferences, and symposia as possible.
7. To encourage the teachers to write more and more research projects and to publish as many research articles as possible.
8. To increase extension and outreach activities.
9. Encourage participation in

sports and cultural activities. 10. Begin some new certificate/additional course work.