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GOVERNOR'S SECRETARIAT

NOTIFICATION

The 2nd October 2026

No.-L/ORD./05/2026-2302/GS(I).— In exercise of the powers vested in him by Section-38 (2) Section-39 (2) (ii) of the Bihar State University Act, 1976 read with Section-38 (2) Section-39 (2) (ii) of the Patna University Act, 1976 and **in partial modification** of the earlier notification no.-BSU (AEDP-Regulations)-54/2025-1029/G.S.(I) dated-27.05.2026 on the subject, the Hon'ble Chancellor is pleased to assent to the Modified Ordinance and Regulations for 4-Year Under Graduate (**the UG**) Apprenticeship Embedded Degree Programme (**the AEDP**) and Seven AEDP Course Structures for the Higher Education Institutions (**the HEIs**) falling under the Universities administered by the Bihar State Universities Act, 1976 and the Patna University Act, 1976, subject to the condition that: **(i)** the University concerned shall obtain the approval of its Statutory Bodies, (viz.-the Academic Council, the Syndicate & the Senate) to the Ordinance and Regulations and the 4-Year UG AEDP Course Structures before starting the AEDP Course, if not having been approved so far; and **(ii)** Tripartite MoU must be entered into by the HEI concerned in accordance with Para-10 of the Modified Ordinance and Regulations for 4-Year UG AEDP.

2. The Seven approved 4-Year UG AEDP Courses assented to by the Hon'ble Chancellor are as follows:

- I. Bachelor of Arts in Content and Creative Writing;
- II. Bachelor of Commerce in Banking Financial Services & Insurance;
- III. Bachelor of Commerce in E-Commerce Operations;
- IV. Bachelor of Commerce in HR Operations;
- V. Bachelor of Commerce in Retail Operations;
- VI. Bachelor of Sciences in Healthcare Management; and
- VII. Bachelor of Science (Hons.) in Electronics (with Major in Digital Electronics & Minor in Solar Photovoltaic Systems/Data Science).

3. This shall come into force from the date when the Hon'ble Chancellor was pleased to signify his assent, that is, **30.09.2026**.

4. Notwithstanding this notification modifying the earlier notification no.-BSU (AEDP-Regulations)-54/2025-1029/G.S.(I) dated-27.05.2026 on the subject, the admissions taken pursuant to notification no.-BSU (AEDP-Regulations)-54/2025-1029/G.S.(I) dated-27.05.2026 shall be deemed to have been made under the Modified Ordinance and Regulations for 4-Year UG AEDP and any excess fee earlier realised by the HEI concerned from the student shall be adjusted against the fee payable in the coming Semesters.

By the order of the Hon'ble Chancellor,
DIPAK KUMAR SINGH,
Additional Chief Secretary to the Governor.

Modified
Ordinance and Regulations Governing the
4 Year UG Apprenticeship Embedded Degree Programme (AEDP)
for
All State Universities of Bihar
Effective from the session 2026 – 2030
(Except- BAU, BASU, NOU & AKU)

A. Admission Ordinance.—

1. **General.**—The Admission Ordinance shall be called the “Admission Ordinance of 4 Years Apprenticeship Embedded Degree Programme (AEDP)”

- 1.1 The admission ordinance shall be effective from the Academic Session 2026 – 2030 and onwards for the following Programmes.

S.N.	Faculty	Programme	Intake
I	Science	(i) B.Sc. Digital Electronics	60
II		(ii) B.Sc. Healthcare Management	60
III	Commerce	(i) B.Com. E-Commerce	60
IV		(ii) B.Com. Retail Operations	60
V		(iii) B.Com. Banking Financial Services & Insurance (BFSI)	60
VI		(iv) B.Com. Human Resource Operations	60
VII	Humanities	(i) B.A. Content and Creative Writing	60

N.B. – Additional subject under AEDP may be added as and when required after the approval of statutory bodies of University, Bihar State Higher Education Council (BSHEC) and Governor’s Secretariat, Bihar Lok Bhawan, Patna.

2. Definitions.—

- 2.1 **“University”** means State University of Bihar, excluding BAU, BASU, NOU and AKU, established by the Bihar State Universities Act, 1976 (as amended)/Patna University Act, 1976 (as amended).
- 2.2 **“Student”** means one who has been admitted to the Four-Year (Eight-Semester) Apprenticeship Embedded Degree Programme (AEDP) of any of the universities as defined in 2.1 through any procedure as notified by the university or Bihar Lok Bhawan.
- 2.3 **“Academic Year”** means two consecutive semesters (One Odd and One Even).
- 2.4 **“Choice Based Credit System (CBCS)”** means a programme that provides choice for the students to select from the prescribed courses (Major Course (MJC), Minor Course (MIC), Multidisciplinary Course (MDC), Ability Enhancement Course (AEC), Skill Enhancement Course (AEC), Value added Course (VAC)) as per the guidelines issued by Governor’s Secretariat, Bihar Lok Bhawan or as approved by the appropriate bodies of the university.
- 2.5 **“Course”** means Papers and Field/Laboratory training through different modes of delivery and as a component of a programme as detailed out in the respective programme structure.
- 2.6 **“Credit Point”** means the product of grade point and number of credits for a course.
- 2.7 **“Credit”** means a unit by which the coursework is measured. It determines the number of hours of teaching/instructions required per week. One credit is equivalent to one hour of teaching (Lecture, Seminar, and Tutorial) per week or two hours of practical work/field work/project, etc. per week. The number of credits for each course shall be defined in the respective scheme of examinations.
- 2.8 **“Cumulative Grade Point Average (CGPA)”** means a measure of overall cumulative performance of students in all semesters. The CGPA is the ratio of the total credit

points secured by a student across all courses and semesters to the total credits across all courses and semesters. It is expressed up to two decimal places.

- 2.9 **“Grade Point”** means a numerical weight allotted to each letter grade on a 10-point scale or as prescribed by UGC from time to time.
 - 2.10 **“Letter Grade”** means an index of the performance of students in a course. Grades are defined by letters O, A+, A, B+, B, C, P, F, AB.
 - 2.11 **“Semester Grade Point Average (SGPA)”** means a measure of performance of a student in a semester. It is the ratio of the total credit points secured by a student in the various courses registered in a semester to the total credit of all courses during the semester. It shall be expressed up to two decimal places.
 - 2.12 **“Semester”** means an academic session spread over 15-16 weeks of teaching work with a minimum of 90 teaching days. The odd semester may normally be scheduled from July to December and the even semester from January to June.
 - 2.13 **“Grade Card”** means a certificate based on the grades earned. Grade Certificates shall be issued to all enrolled students at the end of each semester. The Grade Certificate will contain the course details (Code, Title, Grade Point, Credits, Credit Point, Letter Grade) along with the SGPA and CGPA earned up to that semester. However, the final result will be based on the Grades/CGPA.
 - 2.14 **“Transcript”** means a certificate issued to all enrolled students in a programme after successful completion of the programme. It contains the SGPA of all Semesters and the CGPA.
 - 2.15 **“Ex-Student”** means -
 - (i) A regular student (Except First Semester student) who has failed to pass $(n/2) + 1$ or $(n+1)/2 + 1$ courses or is unable to appear for the End Semester/University Examination (Except due to shortage of attendance/fail in CIA) in any of its courses of study, may be allowed to appear at the same examination in next session as an ex-student. “n” is the number of course in a semester, when “n” is even, the first formula will apply while “n” being the odd, the second formula will apply.
 - (ii) An ex-student may only appear in the examination and will not be eligible for any privilege of a regular student.
 - (iii) An ex-student will forfeit his/her right as soon as he/she takes an admission to a regular programme of study.
3. **Objective of the programme.—**
- 3.1 To meet the gap between the need of employers, industry and corporate sector etc.
 - 3.2 To improve the employability of UG students.
 - 3.3 To facilitate the collaboration of HEIs with employers and industries.
 - 3.4 To facilitate the growth of the skilled graduate workforce.
 - 3.5 To promote a smooth transition between the Apprenticeship Embedded Degree Programme (AEDP) UG Programme with multiple entry and multiple exit (MEME) options under NEP-2020
4. **Admission Procedure.—**
- 4.1 **Eligibility for Admission to UG 1st year Degree of the 4 year AEDP**
 - 4.1.1 Student who has passed the I.A/ I.Sc / I.Com or +2 Examination conducted by Bihar School Examination Board or any other equivalent course from any Board/Council established by the Government of India or any other State Board or any such course recognized by State government shall be eligible for admission into a first- year UG program as mentioned in Table- 4.1.2

4.1.2 Table

Faculty	S.N.	Course	Eligibility Criteria
Science	I	B.Sc. Digital Electronics	Candidates who have passed intermediate examination I.Sc. or equivalent +2 Science Stream only of Bihar School Examination Board or its equivalent examination offered by the other approved National / State Boards.
	II	B.Sc. Healthcare Management	
Commerce	III	B.Com. E-Commerce	Candidates who have passed intermediate examination I.A / I.Sc./ I.Com or equivalent +2 of Bihar School Examination Board or its equivalent examination offered by the other approved National / State Boards.
	IV	B.Com. Retail Operations	
	V	B.Com. Banking Financial Services & Insurance (BFSI)	
	VI	B.Com Human Resource Operations	
Humanities	VII	B.A. Content and Creative Writing	Candidates who have passed intermediate examination I.A / I.Sc./ I.Com or equivalent +2 of Bihar School Examination Board or its equivalent examination offered by the other approved National / State Boards.

4.1.3 The transfer from one College/Autonomous College to another beyond the admission period shall be allowed by the affiliating Universities. Transfer shall be subject to the following conditions:

- HEI must not exceed the sanctioned strength of the seats.
- Availability of the same combination of subjects in both HEIs.
- Attendance shall be combined in case one semester is pursued in two colleges.

Further, the University may allow migration from one university to another university for transfer of credit.

4.2 Counselling of Students.—

4.2.1 After admission to 1st Year Apprenticeship Embedded Degree Programme (AEDP), students have to be properly counselled by the authorities of the Institutions by organizing Induction programs. Similarly, during the beginning of the 3rd Semester and the end of the 4th Semester, the students have to be properly counselled about the choice of subjects, skill development courses etc. and also during admission into the VII semester regarding research projects.

4.2.2 All HEIs are required to upload the subjects available in their respective institutions with sanctioned strength on their websites.

4.2.3 ‘Course Counselling Cell’ has to be created in each HEI to provide proper information to students for admission on the available subjects in their respective institutions under the UG program and other matters related to Apprenticeship Embedded Degree Programme (AEDP).

4.3 Reservation.—The reservation of seats in the Apprenticeship Embedded Degree Programme (AEDP) shall be made in terms of the existing reservation rules for admission purposes as approved by the Government of Bihar.

4.4 General Provisions.—

4.4.1 In case any document submitted by a candidate at the time of admission to this programme is/are found to be fake, the admission of the candidate shall stand cancelled, and the fee deposited by the candidate will also be forfeited.

- 5. Fee Structure.**—

Table: 1[illegible]

Fee Breakup for AEDP UG Courses- B.Sc./B. Com/B.A.									
S. N.	Head/Item	Semester (Fees in Indian Rupees)							
		I	II	III	IV	V	VI	VII	VIII
7	Athletics Fund	100	100	100	100	100	100	100	100
8	Common room fund	50	50	50	50	50	50	50	50
9	Co-curricular fee	50	50	50	50	50	50	50	50
10	Environmental Protection Fee	50	50	50	50	50	50	50	50
11	Student Welfare Fee	30	30	30	30	30	30	30	30
12	Student Union Fee	100	100	100	100	100	100	100	100
13	Society Subscription	50	50	50	50	50	50	50	50
14	Magazine fund	50	50	50	50	50	50	50	50
15	Handbook/Directory including Admission Form.	50	-	-	-	-	-	-	-
Total- Part- B		1280	1130	1130	1130	1130	1130	1130	1130
Total Semester Part A + B		6405	6255	6255	6255	6255	6255	6255	6255
III	Part- C								
1	Registration Fee (One time)	600	-	-	-	-	-	-	-
2	Lab. Fee for the subject having Practical Classes are mandatory component.	600	600	600	600	600	600	600	600
3	Examination fee for CIA	300	300	300	300	300	300	300	300
4	Examination fee for ESE	600	600	600	600	600	600	600	600

NB: 1. No separate fee for Admission form shall be charged by the College/University concerned.

2. The revision of the fee structure may be made, when needed on the approval of Chancellor.

6. Eligibility of College/University.—

6.1 Any College/University (HEI) may offer an AEDP, provided that it fulfils the following conditions:-

Having ranked in the University category of the National Institutional Ranking Framework (NIRF) in the latest NIRF rankings

OR

Having a valid grade/score by the National Assessment and Accreditation Council (NAAC)

OR

Having a valid basic accreditation by the National Assessment and Accreditation Council (NAAC).

6.2 College/University shall comply with the criteria specified by the University Grant Commission or other regulatory bodies, from time to time.

7. Power of the Vice-Chancellor to accord Approval for AEDP:

7.1 Notwithstanding anything contained in any other provision of this Ordinance, the Vice Chancellor may accord approval to any College for transforming any existing Under Graduate (UG) programme into AEDP with the same sanctioned strength or a part of it in accordance with the prevailing norms and AEDP guidelines laid down by the University Grants Commission (UGC).

8. Power of the State Government to accord approval for New/ additional intake capacity (seats) for AEDP:

- 8.1 Subject to the provisions of Section-61 (2) of the Bihar State University Act, 1976 and Section-58 (2) of the Patna University Act, 1976 the State Government may accord approval for the new seats in a particular subject or in a new subject.

9. Teaching.—In addition, teacher of College/University (HEI), **Professors of Practice** i.e. persons working in industry / relevant establishment shall be engaged to teach the skill component and provide training subject to their approval as Professor of the institution. In addition, institution may engage guest faculty, contract faculty and visiting fellows as per their requirement.

10. Tripartite Memorandum of Understanding (MOU) .—

- 10.1 **Contracting Parties:** Every apprenticeship engagement under this Programme shall be executed via a legally binding Tripartite Agreement executed between: (i) the degree-awarding Higher Educational Institution (i.e. University); (ii) the partner Industry/Establishment; and (iii) the student-Apprentice.
- 10.2 The MOU shall clearly describe the Roles and Responsibilities of each party in the Tripartite Agreement as defined in the UGC Guidelines for AEDP.

Roles and Responsibilities.—The Tripartite shall explicitly mandate:

- (a) The College / University (HEI) obligation to oversee academic alignment, award credits, and provide continuous faculty mentorship.
- (b) The Industry Partner's obligation to provide safe, structured, on-site operational training under a designated expert.
- (c) The Student - Apprentice's obligation to maintain workspace discipline and fulfil logbook requirements.
- 10.3 **"Mandatory Payment of Stipend"** be added Every partner Industry/ Establishment executing a Tripartite Agreement under these Regulations shall pay the student-Apprentice a monthly stipend at a rate not less than the minimum prescribed threshold under Section 13 of the Apprentices Act, 1961 and relevant rules framed there under. Non-payment of the stipulated stipend shall constitute a material breach of the agreement and attract enforcement procedures under the law".
- 10.4 **Apprenticeship Plan.**—Every participating HEI shall design, document, and execute a structured Apprenticeship Plan developed in formal tripartite consultation with the partner industry and the Board of Apprenticeship Training (BOAT) /Board of Practical Training (BOPT) to ensure quality standardization.
- 10.5 **Exclusivity of Apprenticeship Engagement (One Apprenticeship at a Time).**—A student-Apprentice admitted to the AEDP shall be engaged under only one Tripartite Agreement and undertake apprenticeship training with only one partner Industry/Establishment at any given time. No student-Apprentice shall simultaneously hold, enter into, or continue a second apprenticeship contract — whether under this Programme, the Apprentices Act, 1961, or any other scheme — during the subsistence of the apprenticeship engagement under this Programme. Any breach of this clause shall render the concurrent engagement void for the purposes of this Programme, and the credits earned there under shall not be recognised.
- 10.6 **Continuity of Apprenticeship on Closure or Disruption at the Industry/ Establishment.**—In the event that a partner Industry/Establishment closes, ceases operations, withdraws, or is otherwise unable to continue providing apprenticeship training, or where any circumstance arises on account of which the student-Apprentice is unable to complete the apprenticeship at that Industry/Establishment, the Board of Apprenticeship Training (BOAT) / Board of Practical Training (BOPT) shall be obliged to place the student-Apprentice

with an alternative Industry/Establishment for the remaining period of the apprenticeship, so that continuity of training and credit accrual is not prejudiced through no fault of the student.

In every such case, a fresh Tripartite Agreement (or an appropriate addendum) shall be executed for the remaining period, and the assessment of the apprenticeship component for that period shall be carried out by the new Industry/Establishment in consultation with the College/HEI.

- 10.7 ***Prohibition of Franchising or Sub-contracting of the Apprenticeship.***—The apprenticeship training under this Programme shall be provided only by the partner Industry/Establishment that is a party to the Tripartite Agreement, and shall not be franchised, sub-let, sub-contracted, assigned or otherwise delegated to any third party. Any such arrangement shall be void, and the credits derived from it shall not be recognised; provided that a re-placement effected by the BOAT/BOPT under Para 9.6 through a fresh Tripartite Agreement (or addendum) shall not be treated as a breach of this clause.

B. Regulation of Examination for AEDP Courses.—

1. Course Structure.—

1.1 Types of Courses.—

- 1.1.1 ***Major Course (MJC)***—Major (MJC) courses are designed to impart students with the core concepts, principles and processes, and laboratory as well as instrumental skills in main branches. MJC's are a mandatory requirement for a student's program of study who wish to pursue an undergraduate degree. MJC's will be appropriately graded and arranged across the semesters of study, being undertaken by the student, with multiple entry and exit options as per UGC Curriculum.
- 1.1.2 ***Minor Course (MIC).*** — The growth of specific subject in the past few decades have been tremendous and many new sub-disciplines have emerged. It is important that apart from the main branches of the subject, a study of these new branches is also included in the curriculum. The Minor Course (MIC) incorporates important emerging areas and a pool of credit courses from their own faculty are included out of which a student will choose to study, based on his/her interest from their own faculty.
- 1.1.3 ***Multidisciplinary Course (MDC)*** —Multi-Disciplinary Courses are a pool of courses offered by various disciplines of study which is meant to provide multidisciplinary or interdisciplinary education to students. Students may opt for any three Multidisciplinary course out of a list of Multidisciplinary papers (Basket) offered by the parent department or any other department/s as per his/her choice with the prior permission of the parent department. The list of Multidisciplinary papers, syllabus and prerequisite of the Multidisciplinary courses will be as decided by the Board of Studies (BOS) of the concerned subject/department/Academic Council.
- 1.1.4 ***Ability Enhancement Courses (AEC)*** —AEC courses are courses based upon the content that leads to knowledge enhancement through various areas of study. They are Language and Literature, Environmental Science and Sustainable Development which are mandatory for all disciplines.
- 1.1.5 ***Skills Enhancement Courses (SEC)*** — SEC are skill-based courses in all disciplines and are aimed at providing hands-on training, competencies, proficiency and skills to student. SEC courses may be chosen from a pool of courses designed to provide skill-based instruction.
- 1.1.6 ***Value Added Courses (VAC)*** — This is a pool of courses offered by all the Departments in groups of odd and even semesters out of which a student can choose. VAC courses are the common pool of courses offered by different disciplines and aimed towards personality building, embedding ethical, cultural

& constitutional values; promoting critical thinking, Indian Knowledge Systems, scientific temperament, communication skills, creative writing, presentation skills, sports & physical education and teamwork which will help in the all-round development of students.

- 1.1.7 For all Value Added courses (VAC), University shall prepare video lectures and in case colleges are unable to hold classes, shall hold doubt clearing session.
- 1.1.8 **Apprenticeship (40 Credits)**—Under four-year AEDP UG program, 1 year Apprenticeship of 20 credits per semester (for 5th and 6th semester /3rd year) shall be compulsory.
- 1.1.9 **Research Project/Dissertation**—Student of four-year bachelor's degree (Honours with Research) are required to take up Research Projects under the guidance of a faculty member. The students are expected to initiate the project work during seventh semester and complete the Research Project in the Eighth Semester. The Research outcome of their project work may be published in peer-reviewed journals or may be presented in conferences/seminars or may be patented.
- 1.1.10 **Studio activities**— Studio activities involve the engagement of students in creative or artistic activities. Every student is engaged in performing a creative activity to obtain a specific outcome. Studio-based activities involve visual or aesthetic-focused experiential work.
 - 1.1.10.1 **Field Practice/Projects**—Courses requiring students to participate in field-based learning/projects generally under the supervision of an expert of the given external entity.
 - 1.1.10.2 **Community engagement and service**—The curricular component of 'community engagement and service' will involve activities that would expose students to the socio-economic issues in society so that the theoretical learnings can be supplemented by actual life experiences to generate solutions to real-life problems.
 - 1.1.10.3 **Seminar**.—A course requiring students to participate in structured discussion/conversation or debate focused on assigned tasks/readings, current or historical events, or shared experiences guided or led by an expert or qualified personnel in a field of learning, work/vocational, or professional practice.
- 1.1.11 **Open Distance Learning (ODL)** .—Student may be allowed to earn 40% of the course credit in a semester through online courses from SWAYAM (UGC)/IGNOU etc. or any institution recognized by the regulatory authority like UGC at their own cost and arrangement.
- 1.1.12 **Vocational courses**.—In order to be eligible for Certificate, a student is required to earn 4 credits in vocational subjects during the summer vacation with 60 hours of Theory/ Laboratory/ Workshop, from the following:
 - i. Recognized ITI/ Poly Techniques providing a certificate to the effect that the candidate has completed 60 hours of vocational learning (Lab/ Workshop) in a specific trade.
 - OR
 - ii. A Vocational course provided under ODL platforms (SWAYAM or any institution recognized by the regulatory authority).
 - OR
 - iii. A vocational course offered by the HEI in a specific trade duly recognized by the Academic Council of the University concerned.

The student is required to pay additional fees for the purpose as specified by the course provider.

2. **Multiple Entry and Multiple Exit (MEME)** .—Multiple Entry and Multiple Exit (MEME) is a framework under NEP 2020, operationalised by the UGC through the Curriculum and Credit Framework for Undergraduate Programmes, that lets students enter and leave a degree programme at defined stages rather than committing to a single, unbroken course of study. At each exit point a student receives a stackable, nationally recognised credential proportionate to the credits earned — a UG Certificate after one year, a UG Diploma after two, a Bachelor's degree after three, or an Honours degree after four — and may re-enter later to build on those credits toward a higher qualification. Earned credits are stored in the Academic Bank of Credit, making them portable across institutions, disciplines, and learning modes, so that education becomes a flexible, resumable pathway rather than a fixed, all-or-nothing commitment.

2.1 **Process of Multiple Entry and Multiple Exit (MEME)** .—

- 2.1.1 A student who, after completion of the first academic year, has earned 40 credits of courses, 04 credits of a Vocational Course/Community Service and an additional 06 credits of summer internship (50 credits in all) may exit with a UG Certificate issued by the HEI/University concerned. Such a student may re-enter the UG programme in the 3rd semester within two years from the award of the certificate.
- 2.1.2 A student who, after completion of the second academic year (4th Semester), has earned 80 credits of courses, 04 credits of a Vocational Course/Community Service and an additional 06 credits of summer internship (90 credits in all) may exit with a UG Diploma issued by the HEI/University concerned. Such a student may re-enter the UG programme in the 5th semester within two years from the award of the diploma.
- 2.1.3 A student who desires to undergo the 3-year degree programme will be allowed to exit after completion of the third year with a minimum of 120 credits (80 course credits + 40 apprenticeship credits) and will be awarded the degree.
- 2.1.4 However, the total duration for completing the UG programme shall not exceed 7 years from the date of admission.

2.2 **Awarding UG Certificate and Degrees.**—

- 2.2.1 UG Certificate: Students who opt to exit after completion of the first year and have secured 50 credits (40+4+6) will be awarded a UG Certificate if they complete one vocational course / community service of 4 credits and a summer internship of 6 credits during the summer vacation of the first year (Table-I). Such students may re-enter the UG programme in the 3rd semester within two years from the award of the certificate.
- 2.2.2 UG Diploma: Students who opt to exit after completion of the second year and have secured 90 credits (80+4+6) will be awarded a UG Diploma if they complete one vocational course / community service of 4 credits and a summer internship of 6 credits during the summer vacation of the second year (Table-II). Such students may re-enter the UG programme in the 5th semester within two years from the award of the diploma.
- 2.2.3 3-year UG Degree: Students who wish to undergo a 3-year UG program will be awarded a UG Degree in the Major subject after successful completion of three years, securing at least 120 (80+40) credits and satisfying the minimum credit requirement as given in Table-III. The discipline or faculty shall be decided on the basis of the first Major subject.
- 2.2.4 4-year UG Degree (Honours): A four-year UG Honours degree in the major discipline will be awarded to those who complete a four-year degree program with at least 160 credits and have satisfied the credit requirements as given in Table-IV.

- 2.2.5 4-year UG Degree (Honours with Research): Students who secure 7.5 CGPA and above in the first six semesters and wish to undertake research at the undergraduate level can choose a research stream in the fourth year. They should do a research project or dissertation under the guidance of a faculty member of the institution who is a recognized Ph.D. Supervisor of the affiliating University or who holds a Ph.D. Degree. The research project/dissertation will be in the major discipline. The students who secure 164 credits, including 12 credits from a research project/dissertation, are awarded a UG Degree (Honours with Research). The research work can be spread over both VII and VIII semesters. However, the credit will be awarded in Semester VIII (Table-V).
- 2.3 The University where a student has earned at least 60% of the Total Credit shall issue the Degree in case credit has been acquired from more than one University/Industry.
- 2.4 Candidate has to complete the Four years course within Seven Years from the date of admission. Under no circumstances, the candidate will be allowed to appear the backlog exam beyond the specific period.

Programme Duration and Exit Options Summary table

S. No.	Name of the Award	Stage of Exit	Mandatory credits to be secured for the award
1.	Undergraduate Certificate	After the successful completion of Semester II	Exit option to students with U.G. Certificate. After completing Semester I & II and earning 40 course credits , a student will be awarded the UG Certificate only if he / she completes one Vocational Course / Community Service of 4 credits and a Summer Internship of 6 credits during the Summer Vacation of the first year (Table-I). Total credits required for the award = 50 .
2.	Undergraduate Diploma	After the successful completion of Semester IV	Exit option to students with U.G. Diploma. After completing Semesters I–IV and earning 80 course credits , a student will be awarded the UG Diploma only if he / she completes one Vocational Course / Community Service of 4 credits and a Summer Internship of 6 credits during the Summer Vacation of the second year (Table-II). Total credits required for the award = 90 .
3.	Bachelor of Science / Arts / Commerce	After the successful completion of Semester VI	A student may be awarded the 3-Year UG Degree in the Major discipline, provided he / she earns all credits of Semesters I, II, III, IV, V & VI. This comprises 80 course credits (Semesters I–IV) and 40 apprenticeship credits earned during Semesters V & VI as per the Apprenticeship Guidelines (Table-III). Total credits required for the award = 120 .
4.	a) Bachelor of Science / Arts / Commerce (Hons.)	After the successful completion of Semester VIII	a) A student will be awarded the Degree of UG (Honours) in the Major discipline if he / she earns all the credits of Semesters I, II, III, IV, V, VI, VII & VIII (Table-IV). Students securing CGPA below 7.5 till the 6th Semester will be awarded the UG Degree with Honours in the Major subject. B.A. / B.Sc. / B.Com. (Hons.): Total credits 160
	b) Bachelor of Science / Arts / Commerce (Hons.)	After the successful completion of	b) Students who wish to obtain the UG Degree (Honours with Research) in the Major must secure 7.5 CGPA and above in Semesters I to VI. Such students can choose a

S. No.	Name of the Award	Stage of Exit	Mandatory credits to be secured for the award
	with Research)	Semester VIII	research stream in the fourth year and must earn 164 credits, including 12 credits from a research project / dissertation (Table-V). They will be awarded the UG Degree (Honours with Research). B.A. / B.Sc. / B.Com. (Hons. with Research): Total credits 164

Table-1

Apprenticeship Embedded Degree Programme (AEDP): UG Certificate

w.e.f. 2026-27

Semester	Major- (Core-1)	Major (Core-2)	Major (Core-3)	Minor	MDC	AEC	SEC	VAC	Vocational Course/ Community Service	Summer Internship	Credit Total
Semester I	1x6 = 6	-	-	1x3=3	1x3=3	1x2=2	1x3=3	1x3=3	-	-	20
Semester II	1x6 = 6	-	-	1x3=3	1x3=3	1x2=2	1x3=3	1x3=3	-	-	20
After Semester II	Vocational Course/ Community Service & Summer Internship (during Summer Vacation)								4	6	10
Credit Summary	12	-	-	6	6	4	6	6	4	6	50

Table- 2**Apprenticeship Embedded Degree Programme (AEDP): UG Diploma
(Exit option after Semester IV)****w.e.f. 2026-27**

Semester	Major- (Core-1)	Major (Core-2)	Major (Core-3)	Minor	MDC	AEC	SEC	VAC	Vocational Course/ Community Service	Summer Internship	Credit Total
Semester I	1x6 = 6	-	-	1x3=3	1x3=3	1x2=2	1x3=3	1x3=3			20
Semester II	1x6 = 6	-	-	1x3=3	1x3=3	1x2=2	1x3=3	1x3=3	-	-	20
Semester III	1x5=5	1x4=4	-	1x3=3	1x3=3	1x2=2	1x3=3	-			20
Semester IV	1x5=5	1x5=5	1x5=5	1x3=3	-	1x2=2	-	-			20
After Semester IV	Vocational Course/ Community Service & Summer Internship (during Summer Vacation)								1x4=4	1x6=6	10
Credit Summary	22	09	05	12	9	8	9	6	4	6	90

Note: The Vocational Course / Community Service (04 credits) and Summer Internship (06 credits) are undertaken during the Summer Vacation after Semester IV. Total credits required for the award of the UG Diploma = 80 (Semesters I–IV) + 10 = 90.

Table- 3

Apprenticeship Embedded Degree Program: Three Year B.Sc. / B.Com./ B.A. Degree.

w.e.f. 2026-27

Semester	Major- (Core-1)	Major (Core-2)	Major (Core-3)	Minor	MDC	AEC	SEC	VAC	Vocational Course/ Community Service	Summer Internship	Credit Total
Semester I	1x6 = 6	-	-	1x3=3	1x3=3	1x2=2	1x3=3	1x3=3			20
Semester II	1x6 = 6	-	-	1x3=3	1x3=3	1x2=2	1x3=3	1x3=3	-	-	20
Semester III	1x5=5	1x4=4	-	1x3=3	1x3=3	1x2=2	1x3=3	-	-	-	20
Semester IV	1x5=5	1x5=5	1x5=5	1x3=3	-	1x2=2	-	-	-	-	20
Semester V	Apprentic eship (20)	-	-	-	-	-	-	-	-	-	20
Semester VI	Apprentic eship (20)	-	-	-	-	-	-	-	-	-	20
Credit Summary	62	9	5	12	9	8	9	6	-	-	120

Table- 4

Apprenticeship Embedded Degree Program: Four Year B.Sc. / B.Com./ B.A. Degree with Hons.

w.e.f. 2026-27

Whereas those securing CGPA less than 7.5 till 6th Semester will be awarded UG Degree with Hons. in Major Subjects.

Semester	Major-(Core-1)	Major-(Core-2)	Major-(Core-3)	Minor	MDC	AEC	SEC	VAC	Vocational Course/Community Service	Summer Internship	Credit Total
Semester I	1x6 = 6	-	-	1x3=3	1x3=3	1x2=2	1x3=3	1x3=3			20
Semester II	1x6 = 6	-	-	1x3=3	1x3=3	1x2=2	1x3=3	1x3=3	-	-	20
+Semester III	1x5=5	1x4=4	-	1x3=3	1x3=3	1x2=2	1x3=3	-	-	-	20
Semester IV	1x5=5	1x5=5	1x5=5	1x3=3	-	1x2=2	-	-	-	-	20
Semester V	Apprentice ship (20)	-	-	-	-	-	-	-	-	-	20
Semester VI	Apprentice ship (20)	-	-	-	-	-	-	-	-	-	20
Semester VII	1x6 = 6	1x6 = 6	1x4 = 4	-	-	-	1x4 = 4 (Dissertation)	-	-	-	20
Semester VIII	1x6 = 6	1x6 = 6	1x6 = 6	-	-	1x2=2	-	-	-	-	20
Credit Summary	74	21	15	12	9	10	13	6	-	-	160

Table- 5

Apprenticeship Embedded Degree Program: Four Year B.Sc. / B.Com./ B.A. Degree (Hons. with Research)

w.e.f. 2026-27

Students with CGPA 7.5 or above till 6th Semester will be awarded UG Degree (Hons. with Research)

Semester	Major-(Core-1)	Major (Core-2)	Major (Core-3)	Minor	MDC	AEC	SEC	VAC	Vocational Course/ Community Service	Summer Internship	Credit Total
Semester I	1x6 = 6	-	-	1x3=3	1x3=3	1x2=2	1x3=3	1x3=3	-	-	20
Semester II	1x6 = 6	-	-	1x3=3	1x3=3	1x2=2	1x3=3	1x3=3	-	-	20
Semester III	1x5=5	1x4=4	-	1x3=3	1x3=3	1x2=2	1x3=3	-	-	-	20
Semester IV	1x5=5	1x5=5	1x5=5	1x3=3	-	1x2=2	-	-	-	-	20
Semester V	Apprentice ship (20)	-	-	-	-	-	-	-	-	-	20
Semester VI	Apprentice ship (20)	-	-	-	-	-	-	-	-	-	20
Semester VII	1x6 = 6	1x6 = 6	1x4 = 4	-	-	-	1x4 = 4 (Dissertation)	-	-	-	20
Semester VIII	1x6 = 6	1x6 = 6	*Project 1 x 12 = 12	-	-	-	-	-	-	-	24
Credit Summary	74	21	21	12	9	8	13	6	-	-	164

3. **Registration of HEIs.**—All HEIs must be registered in the National Academic Depository (NAD) and upload the required information from time to time.

3.1 **Registration of students:**

- 3.1.1 All the students admitted into UG 1st semester are compulsorily registered to the universities through their respective institutions and also registered for 1st Semester examination by depositing the required examination fees during the time of admission.
- 3.1.2 **Students Registration with ABC.**— It is mandatory for all the students to register themselves with the Academic Bank of Credit and upload all required information.
- 3.1.3 The university and college shall facilitate ABC registration of the students centrally at the institution level.
- 3.1.4 At the beginning of the second semester, the students have to register for 2nd semester examination by depositing the required fees. However, for 2nd, 3rd and 4th year i.e., readmission into 3rd 5th and 7th semester the students have to register for End – Semester Examination (ESE) of both odd and even semesters by depositing the required fees. Admission to the examination will be subject to attendance, appearance in sessional and mid-semester examinations.
- 3.1.5 The HEI during the registration for final semester examination will collect fees for issuance of the Migration Certificate and Provisional Certificate, prescribed by the concerned University and shall deposit the same with the University. After the publication of final semester result, Migration certificate will be issued to all successful candidates along with their grade sheet and Provisional Certificate.

- 3.2 **Academic Bank of Credits (ABC).**—Credit transfer shall be allowed in case the credit is registered under Academic Bank of Credits (ABC); a facility provided by UGC. The rules and regulations in this regard notified by UGC from time to time, shall be applicable. All universities and Autonomous College shall join ABC, NAD and obtain Digi Locker as mandated by UGC. Every student including those of Affiliated College shall also be required to join ABC, NAD and obtain Digi-locker.

3.3 **Level of Course.**—The Board of Studies (BOS) /subject experts while designating the course curriculum shall follow NCrF guideline as detailed below:

Academic Band	Academic Guide	National Credit Framework Level
4-year UG with Hons./ Hons. with Research Program	UG-1 st Year	4.5
	UG-2 nd Year	5.0
	UG-3 rd Year	5.5
	UG-4 th Year	6.0

Source: National Credit Framework (NCrF) Guideline March-2023 (Table-3)

4. **Attendance and Change of Subject.**—

4.1 **Attendance**

- 4.1.1 A candidate shall be required to attend at least 75% of the lectures in a course.
- 4.1.2 The authorities may condone to the extent of 15% in exceptional cases i.e. serious illness & hospitalization, accident, mishap in the family or deputation by the college for any specific work, for which the period of his/her absence shall not be counted towards the Calculation of attendance on the condition that students concerned submits a certificate from appropriate authority.
- 4.1.3 Absence due to engagement in Sports/NCC/NSS, etc. activities shall be treated as presence for calculation of attendance, with prior permission of the Principal in case of College.

5. **Examination Pattern.**—

- 5.1 **Medium of Examination and Instructions.**—Under Apprenticeship Embedded Degree Programme (AEDP) the medium of instruction and examination shall be English, preferably.
- 5.2 The University Examination of each course in all semesters shall have two components:
- Continuous Internal Assessment (CIA) of MJC, MIC, MDC, AEC & SEC containing 30 marks.
 - End Semester Examination (ESE) of MJC, MIC, MDC, AEC & SEC, VAC containing 70 marks.

- **Components of CIA (For theory course):**

i.	One mid-semester written test (1x15)	= 15 marks
ii.	Seminar / Quiz / Presentation / Assignment	= 10 marks
iii.	Attendance and conduct	= 05 marks
Total		= 30 marks

- **Components of CIA (For practical course):**

i.	One mid-semester experiment and test (1x15)	= 15 marks
ii.	Seminar / Quiz / Presentation / Assignment	= 10 marks
iii.	Attendance and conduct	= 05 marks
Total		= 30 marks

- 5.3 The CIA component of the Examination shall be conducted by the department under the concerned teacher of the course/paper. He/She will be responsible for the submission of CIA marks after evaluation to the Head of the Department.
- 5.4 Only the End Semester Examination (ESE) shall be conducted by the University. For the theory courses / papers of 3 credits or more, there shall be a written examination of 3 hours duration. For theory papers of less than 3 credits, there shall be ESE of two hours duration. However, the ESE of Practical and Project Dissertation viva-voce shall be conducted in the respective department.
- 5.5 The evaluation of the Project Dissertation will also be based on CIA and the End-Semester Examination.
- 5.6 All such examinations shall be as per the provisions of the Examinations Board.
- 5.7 The End-semester Examination will be conducted by the University.
- 5.8 The College will preserve the answer script of the CIA for 06 months from the date of publication of result of concerned semester for reference.
- 5.9 The University will preserve the answer script of the End-Semester Examination for 06 months from the date of publication of result for reference.
- 5.10 The candidate may be allowed to appear in the mid-semester examination (CIA) before commencement of the concerned End-Semester examination under special case duly considered by the institutional authorities for those students, who represent the College/University/State in Inter – College/Inter – University/Inter-State competition and National/International level Games and Sports or attending NCC/NSS/ other recognized National level camps/events or any critical medical case duly certified by the designated medical officer.

5.11 **Assessment method of the apprenticeship component shall be as per UGC guideline for Apprenticeship Embedded Degree Programme (AEDP).**—The assessment shall be aimed at assessing the skills/ proficiency of the Apprentice in a work setting as part of the apprenticeship component. The assessment of apprentices shall be done, provided the students concerned have maintained a satisfactory level of attendance during the apprenticeship period. The HEI concerned shall prescribe the minimum attendance of the apprenticeship in the industry/establishment. The HEI shall have the flexibility to structure the assessment of the apprenticeship component in partnership with the industry/establishment. The training of the students/apprentices shall be evaluated and the weightage of various components of the assessment shall be mutually decided between the HEI and the industry/establishment as per the following, provided that the three weightages together total 100%. The evaluation will be done semester - wise.

- A. Evaluation by industry/establishment (min. 30% - max. 40% weightage).
- B. Evaluation by faculty mentor based on the on-site visit(s) (min. 30% - max. 40% weightage).
- C. Evaluation through seminar presentation and Viva Voce at the HEI (remaining weightage: min. 20% – max. 40%). Note: For the seminar presentation and Viva Voce, industry experts may be invited by the HEI.

5.12 **Graduate Attributes and Learning Outcomes.**—Every AEDP shall be an outcome-based programme. In accordance with Para 7 of the UGC Guidelines for HEIs to offer the Apprenticeship Embedded Degree Programme, the Learning Outcomes, Graduate Attributes and desired attainment levels for both the academic and apprenticeship components are established by this Regulation, as set out below. These are aligned to the National Higher Education Qualifications Framework (NHEQF) and, for the skill and apprenticeship components, to the National Skills Qualifications Framework (NSQF), and correspond to the year-wise National Credit Framework (NCrF) levels applicable to the programme.

5.12.1 **Graduate Attributes of AEDP.**—On completion of the four-year AEDP (Honours / Honours with Research), a graduate shall be able to demonstrate the following attributes, consistent with NHEQF Level 6:

- GA1. **Disciplinary Knowledge and Understanding.**—comprehensive and coherent knowledge of the chosen discipline in a broad multidisciplinary context, with the procedural knowledge required for professional or highly skilled tasks.
- GA2. **Skilled Application.**— cognitive, technical and professional skills to apply appropriate methods, tools and data to routine and non-routine, real-life problems in the chosen field.
- GA3. **Critical Thinking and Problem-Solving.**—the ability to analyse and evaluate evidence, exercise judgement and take decisions to solve

complex and unpredictable problems in familiar and unfamiliar settings.

GA4. **Communication, Collaboration and Teamwork.**—the ability to communicate information, arguments and results clearly, in writing and orally, and to work effectively and responsibly within diverse teams.

GA5. **Ethical, Constitutional and Environmental Values.**—the willingness to embrace and practise constitutional, humanistic, ethical and moral values, follow ethical practices in work and research, and act on environmental and sustainable-development concerns.

GA6. **Employability, Work-readiness and Entrepreneurship**—the work-ready skill sets, workplace discipline and mindset required to take up employment or self-employment in the chosen field, and to adapt to changing work processes and technologies.

GA7. **Research-related and Self-directed Learning**—a sense of enquiry and the ability to pursue self-paced, self-directed and lifelong learning to upgrade knowledge and skills.

5.12.2 **Learning Outcomes of the Apprenticeship Component.**—The apprenticeship component has its own defined, work-based learning outcomes, aligned to the identified trade / job-role and to the applicable NSQF level. On completion of the apprenticeship, an apprentice shall be able to demonstrate:

ALO1. **Occupational Competence.**—performance of the core tasks of the identified job-role in a real work setting to the standard expected by the industry/establishment.

ALO2. **Tools, Processes and Technology**—correct and safe use of the tools, equipment, materials, processes and digital systems of the workplace.

ALO3. **Workplace Conduct and Professional Ethics**—discipline, punctuality, safety and environmental consciousness, and adherence to the norms and code of conduct of the industry/establishment.

ALO4. **Communication and Teamwork at Work**—effective workplace communication, supervisory awareness and the ability to work as a responsible team member.

ALO5. **Reflective and Documentary Practice**—maintenance of the logbook/ daily diary, preparation of the apprenticeship/project report, and reflection on learning to improve performance.

5.13 Examination Question Pattern of End - Semester Examination.—

The End - Semester examination shall be for 70 marks of three hours duration.

PATTERN	Description of Questions in Theory papers of ESE	Theory
Part-I- Objective	MCQ/One Word/ Sentence. (Each question carries 2 marks. All questions are Compulsory)	2x10=20
Part-II- Short Type	Answer in maximum 250 words (Each question carries 5 marks. Answer any 4 out of 5 questions)	5x4=20
Part-III- Long Type	Answer in maximum 800 words (Each question carries 10 marks. Answer any 3 out of 5 questions)	10x3=30
Total		70

PATTERN	Description of Questions in Practical paper of ESE	Theory
Part-I- Minor Experiment	Two minor experiments of 10 marks each.	20
Part-II- Major Experiment	One major experiment	30
Part-III- Record Book	Record Book containing 10 experiments.	10
Part IV – Viva Voce		10
Total		70

5.14 Grading System:

Qualification	Grade	Mark Secured from 100	Grade	CGPA
Outstanding	'O'	90-100	10	>=9.5
Excellent	'A+	80-89	9	>=8.5 - <9.5
Very Good	'A'	70-79	8	>=7.5 - <8.5
Good	'B+	60-69	7	>=6.5 - <7.5
Average	'B'	50-59	6	>=5.5 - <6.5
Pass	'C'	45-49	5	>=5.0 - <5.5
Fail	'F'	Below 45	0	Below 5.0
Absent	'AB'	0	0	0

N.B.- *A candidate has to secure Grade C or above to pass in each of the paper (Individually in Theory, Practical and Project)*

CALCULATION OF GPA, SGPA, CGPA, AND PERCENTAGE OF MARK

A student's level of competence shall be categorized by a GRADE POINT AVERAGE to be specified as: SGPA- Semester Grade Point Average, CGPA- Cumulative Grade Point Average

- a) Grade Point- Integer equivalent of each letter grade
- b) CREDIT- Integer signifying the relative emphasis of individual course item(s) in a semester as indicated by the Course structure and syllabus.

Credit Point: CREDIT x GRADE POINT for each course item

Credit Index: Σ CREDIT POINT of course items in each Semester

Grade Point Average= CREDIT INDEX / Σ CREDIT

Semester Grade Point Average (SGPA) = CREDIT INDEX for each semester / Σ CREDIT

Cumulative Grade Point Average (CGPA) = CREDIT INDEX of all previous semesters up to the 6th /8th Semester / Σ CREDIT

Conversion of CGPA into Percentage of Marks= CGPA x 10.0

5.15 **GRACE RULES.**—In case of shortage of marks, amounting to failure, 2% of the total marks as grace mark subject to maximum of 5 marks in single paper may be given to pass in a semester. This shall be applicable in each semester.

5.16 **Disciplinary action against unfair means adopted in examinations.**—A student adopting malpractice and/or showing any indiscipline behaviour, violating code of conduct for Examination will be expelled from the said examination.

- a) For repeated offence as described above in subsequent semester examinations in spite of the warning issued previously or grave misconduct despite warnings issued previously, will be expelled from the college for one year.
- b) Any student found manhandling/threatening the officers/staff connected with the examinations (Invigilator, Centre Superintendent, Supervisors, Principal, Members of Flying squad, etc.) will be expelled from the college for one year. Other disciplinary actions as deemed fit as per the The Bihar Conduct of Examinations Act, 1981 (Bihar Act No. 1 of 1982) or provision of Statutes for student discipline or appropriate sections of BNS, may be initiated by the University/College.

5.17 **Re-Totaling with Un-Evaluated Portion of a paper.**—

- 5.17.1 A Student may apply through head of the Institution for Re-totaling of a paper within 15 working days from the date of publication of the results in each semester by depositing prescribed fees. In case, there is any answer left unvalued, the same will be placed before the Board of Examination. The

photocopy of answer scripts and information regarding re - totaling of marks will be intimated to the candidate within 45 working days.

5.17.2 There will be no re-evaluation processes of the answer scripts.

5.18 Autonomous College/ University shall formulate their own Rules/ Regulation for Evaluation work.

5.19 **Responsibility of Examiner.**—

5.19.1 The concerned examiners are solely responsible for evaluation of Mid-Semester, Practical and End-Semester Examinations. He/ She is also responsible for maintaining all records to justify his/ her evaluation scheme and marks thereof.

5.19.2 Neither the Principal nor the Controller of Examinations shall have the right/power to Change the Mid-Semester marks awarded by a teacher. However, if the principal is convinced that the Mid-Semester marks awarded by a teacher are biased, he/she shall appoint a committee where the teacher concerned will also be a member for review. The decision of the committee shall be final and binding. The decision with the revised marks shall be sent to the University for necessary action.

5.19.3 Internal examiners for practical subjects should be appointed from among the teachers of the Department eligible as per University statute on rotation basis and no single teacher be appointed for all the papers of a particular examination, as far as possible.

5.20 **University Registration Card.**—Every student shall be issued a University Registration Card after admission. University Registration number continues to be his/her registration number for all examinations during his/her tenure of study. Their registration card is also essential for admission of the student to a college and his/her eligibility to attend classes in a college. This is an important document, and the student must possess it throughout his/her course under the University.

In the event of a student losing his/her University Registration Card, he/she should immediately lodge a FIR/ e – FIR or inform in writing and must be registered in the Station House diary, of the nearest Police Station. He/ She should apply through the College for issue of duplicate Registration Card with prescribed fee.

5.21 **Uniform Fees & Uniform Transcript format.**—

a) The Vice Chairperson, Bihar State Higher Education Council shall constitute a committee for developing a uniform format of Transcript (Grade Sheet), Provisional Certificate, Migration Certificate and Final degree for approval of the appropriate authority.

5.22 ***Credit Transmission from University to University.***—Credit transfer shall be allowed.

Each university shall have a committee for credit transfer as follows.

1.	Chairman, Academic Council	- Chairman
2.	Dean, Student Welfare (DSW)	- Member
3.	Coordinator, College Development Council (CCDC)	- Member
4.	Controller of Examinations	- Member
5.	Deputy Controller of Examinations or any other Officer nominated by Vice Chancellor	- Member/Secretary

5.23 ***Marksheet (Transcript)/Provisional Certificate/Migration Certificate/Degree.***—The Marksheet (Transcript)/Provisional Certificate/Migration Certificate/Degree shall carry security features. It shall also mention the APAAR ID number of the student.

DIPAK KUMAR SINGH,
Additional Chief Secretary to the Governor.

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