

Government of West Bengal
Education Directorate
Bikash Bhavan, Salt Lake
Kolkata – 91.

Memo No. ED- 103/2013

Dated, the 18 February 2013

To

All Principals / Teacher-in-Charges of Government aided Colleges including erstwhile sponsored colleges

General guidelines for considering promotion cases of teachers under CAS in Government Aided Colleges

Ref : G.O. No. 920-Edn (CS) dt 31.12.2012 and Gazette Notification No. F.3-1/2009 dated 30.06.2010

1. Re-designation of Reader/ Lecturer (Sel.Gr.) to Associate Professor: College Authority is to forward such cases of re-designation to the Education Directorate with a proposal of fixation of pay in the revised pay band and AGP. Copies of earlier fixations and Governing Body resolutions as per prescribed format are to be enclosed. (Annexure-A)
2. Placement/ promotion cases due on or before 29.06.2010 are to be done as per earlier order [G.O. No. 118-Edn (CS) dated 4.2.1999 read with 390(2)- Edn (CS) dated 5.4.1999].
3. Meetings of the Screening/ Selection Committees are to be convened by the College Authority as per G.O. No. 920-Edn (CS) dated 31.12.2012.
4. Service length requirement for promotion under CAS:
 - a. Assistant Professor Stage 1 to Stage 2:
 - i. Joined with Ph.D. – 4 years
 - ii. Joined with M. Phil. or equiv. degree – 5 years
 - iii. Without Ph.D./ M. Phil. – 6 years
 - b. Assistant Professor Stage 2 to Stage 3:
Completed 5 (five) years of service in Stage 2.
 - c. Assistant Professor Stage 3 to Stage 4:
Completed 3 (three) years of service in Stage 3.
5. Counting of Past Service for promotion under CAS: Cases where a teacher wants to count his/her past service towards promotion under CAS, he/she has to move Education Directorate through the College Authority for issuance of a Government Order in that respect as per provisions in the referred G.O.
6. On Orientation/ Refresher Courses: Minimum requirement–
 - a. For Stage 1 to Stage 2: One O.C. and one R.C.
 - b. For Stage 2 to Stage 3: One R.C. or equiv
 - c. For Stage 3 to Stage 4: One R.C. or equiv
7. All concerned are to apply for promotion under CAS in the prescribed proforma (Appendix-II). For Part-B of the proforma, they are requested to see detailed instruction of the PBAS in the Tables at Appendix – I. [Data required from 2010-11 (for Part-B , Category –1 & 2), data required for total admissible assessment period for Category -3]
8. The upward movement from a particular grade to the next higher grade for all Assistant Professors shall be subject to their satisfying the API based PBAS conditions as laid down in the scheme.

Director of Public Instruction, West Bengal

ANNEXURE-A

Governing Body Resolution for Re-Designation/Promotion/Placement to the post of Associate Professor of Sri/Smt./Dr.Dated

As per records it is observed that that Sri/Smt./Dr. was placed as Reader/Selection Grade Lecturer in the Pre-Revised Scale of Rs.12000 – 18300/- with effect from vide D.P.I.'s Memo No. Dated(Ph. D. on).

Further observed that she/he has completed 03(Three) years continuous and satisfactory service on as Reader/Selection Grade Lecturer with reference to his/her placement as Reader/Selection Grade Lecturer in in the Pre-Revised Scale of Rs.12000 – 18300/- following existing UGC Regulations,2000.

Resolved that in terms of G.O. No.188-Edn(CS) dated 25. 02. 11 and G.O. No.201-Edn.(CS) dated 28.2.11, and G.O. No.920-Edn.(CS) dated 31. 12. 12, Sri/Smt./Dr. be placed in the higher pay band of Rs.37400 – 67000/- with AGP of Rs.9000/- with effect from and be re-designated as Associate Professor of on completion of 03(three) years continuous and satisfactory service as Reader/Selection Grade Lecturer in in the pre-revised scale of Rs.12000 – 18300/-.

Resolved further that she/he has/has taken/not taken Extra Ordinary Leave during the period of 03(three) years' service since to while she/he was serving as Reader/Selection Grade Lecturer in and such Extra Ordinary Leave has been granted vide G.B. Resolution dated

Resolved also that the Principal/TIC/Secretary would take up the matter with the D.P.I., West Bengal by providing with copies of the following in respect of the incumbent duly countersigned by the competent College authority:

- (a) All pay fixation memos
- (b) Detailed leave statement (for last 3 years)

(Signature of the President/Administrator)

APPENDIX II

Annual Self-Assessment for the Performance Based Appraisal System (PBAS)
Session/ Year _____
(To be completed and submitted at the end of each academic year)

PART A: GENERAL INFORMATION

1. Name (Block letters) :
2. Father's /Mother's name/
Husband's name :
3. Department :
4. Current Designation & Grade Pay :
5. Date of last Promotion :
6. Address for correspondence (with pin
code) :
7. Permanent Address (with pin code) :

Telephone No.: _____ Mobile No. _____
E-mail: _____
8. Whether acquired any degrees or fresh academic qualifications during the year:
9. Academic Staff College Orientation/ Refresher Course attended during the year:

Name of the Course/Summer School	Place	Duration	Sponsoring Agency

10. a. Date of Appointment :
b. Date of Confirmation :
11. Past Service, if any :
(Please attach specific G.O. for
counting of past service for
promotion under CAS)
12. For which position & AGP you are applying under CAS :
13. Date of eligibility for Promotion :

14. Educational Qualification (Graduation onwards):

Examination	Name of the University	Year of passing	Marks obtained (%)	Class/ grade
BA/B.Sc./ B.Com.				
MA/M.Sc./ M.Com.				
Other examination, if any				

15. Research Degree(s):

Degree	Name of the University	Date of award	Title
M. Phil.			
Ph. D./D. Phil.			
D.Sc./ D. Lit.			

16. Details of Teaching/ Research/Academic Experience:

Designation	Employer	Period of service From To	Scale of pay

I declare that the particulars given above are correct to the best of my knowledge and belief.

Signature of the Incumbent

All entries made above are checked and verified and found to be correct.

Signature of the Coordinator, IQAC

Date:

Seal:

Signature of the Principal/TIC

Date:

Seal:

Part B: Academic Performance Indicators (API)

(Please see detailed instruction of the **PBAS-I** proforma before filling out this section)

CATEGORY 1: TEACHING, LEARNING AND EVALUATION RELATED ACTIVITIES

(ia) Lectures, seminars, tutorials, practical, contact hours undertaken taken as percentage of lectures allocated.

Sl. No.	Course/Paper	Level	Mode of teaching*	Class allotted as per schedule	% of classes taken as per documented record	API Score

#Lecture (L), Seminar (S), Tutorial(T),Practical(P), Contact Hours(C).

(ib) Lectures and other teaching duties in excess of UGC norms

	CALCULATION OF API SCORE FOR I(i) ABOVE	API Score
a)	Classes taken (Maximum 50 for 100% performance & proportionate score up to 80% performance, below which no score may be given)	
b)	Teaching load in excess of UGC norms/ Special Lectures/ Classes taken at the study centre located in the District other than Kolkata (Max score - 10)	

(ii) Reading/ Instructional material consulted and additional knowledge resources provided to students

Sl. No.	Course/ Paper	Consulted	Prescribed	Additional Resource provided	API Score
API score based on preparation and Imparting of knowledge/instruction as per curriculum and syllabus enrichment by providing additional resources to students (Max. score: 20)					

(iii) Use of participatory and innovative teaching-learning methodologies; updating of subject content, course improvement etc.

- (a) Updating of Courses/Curriculum Design: 5 per course – Max 10
- (b) Participation/Innovative – Interactive courses: 5
- (c) Participn./Innovative – Learning Modules: 5 Max 10
- (d) Participn./Innovative – Case Studies prepared: 5
- (e) Use of ICT or Computer-aided methods – ppt: 5
- (f) Use of ICT – Multi-media/Simulation etc: 5 Max 10
- (g) Dev/Teaching Remedial/Bridge Courses: 5 each Max 10
- (h) Dev/Teaching Soft skill/Communication/Personality Dev: 5 each Max 10
- (i) Special Programs in Phys.Edn./Library: 5 each Max 10
- (j) Innovative Composition/Creation in Music, Fine Arts, Perf Arts: 5 each ; Max 10
- (k) Organizing & cond. of popul. Prog. /Teaching Web-based/E-Library/IT-asst teaching:
Workshop/Training - 10 points; Popularization program - 5 points

Sl. No.	Short Description (in terms of items) as listed above	API Score
	(Max API Score : 20) Total Score:	

(iv) Examination duties Assigned and Performed

- (a) Invigil.- 10, Evalua.- 5, Q. paper setting/ Moderation- 5; Max : 20 [100% compliance]
- (b) Internal/Continuous Assessment work as allotted-10 [100% compliance];
- (c) Exam Coordination Cell/Outstation or Flying Squad: 10 [100% compliance]

Sl. No.	Type of Examination Duties	Duties Assigned	Extent to which carried out(%)	API Score
	(Max API Score : 25)			

CATEGORY 2: CO-CURRICULAR, EXTENSION AND PROFESSIONAL DEVELOPMENT RELATED ACTIVITIES.

Please mention your contribution to any of the following:

Sl.No.	Type of Activity	Average Hrs/week	API Score
	(I)Extension, Co-curricular & field based Activities (5 points each)		
	a) Field Study/Ed. Tours/ Placement: 5 each Max 10		
	b) NSS/NCC/NSO etc: each activity 10 points Max 10		
	c) Student/Staff Sports Campus Publication etc: (dept level 2 points, Instn level 5 points) Max 10		
	d) Community work (Env, Hum. Rights, Scientific temper, Peace/Relief etc): Max10		
	(Max API Score : 20)		
	(II) Contribution to Corporate Life and Management of the Institution	Yearly/Semester wise responsibilities	API Score
	a) Governance Responsibility (PG/IQAC/NAAC coordinator/Bursar / Warden etc.): Max 10		
	b) Academic/Administrative Committees like Admission /Campus Dev/ Library Comm: 5 each Max 10		
	c) Student Welfare/Placement / Counseling/ Discipline 5 each Max 10		
	d) Conf Organization/Chair Secretary/Treasurer (I) International: 10 (II) National/Reg: 5 (III) Member: 1 each		
	(Max API Score : 15)		
	(III)Professional Development Activities		
	a) Member in Professional Committees (I)National 3 (II) State 2 ; Max 10		
	b) Participation in Conf/Seminars Without paper: 2 each ; Max 10		
	c) Short-term Courses/ Training less than a week: 5 each Max 10		
	d) Membership/Participation in State/ Central Bodies/Committees: 5 each Max 10		
	e) Newspaper/Magazine/ Radio-TV progr (Not covered in Category III): 1 each ; Max 10		
	(Max API Score : 15)		
	Total Score (I + II +III) (Max : 50)		
	Minimum API Score required - 15		

CATEGORY-3: RESEARCH AND ACADEMIC CONTRIBUTIONS

A) (i) Published Papers in Journals

API Score – Category 1- Refereed – 15/publication

Category 2- Non-Refereed – 10/publication

Sl. No.	Title with page no.	Journal	ISSN/ISBN No.	Whether peer reviewed. Impact factor, if any	No. of Co-author	Whether you are the main author	API score

A) (ii) Public Displays/Exhibitions/Performances with or without outputs in CD/DVD/Online/E-form/E-book [for Art/Music College]

API Score – Category 1 – 15

Category 2 – 10

Sl.No	Title of Show/ Exhibition/ Performance with or without CD/DVD/ Tape/ Online /E-form/E-book version or Brochures	Company/ Agency/ Instt Name (Including TV/Radio etc)	Categorization I. International 15 each/ II. National 10 each (Venues/ event/ gallery/ studio/ museums)	Whether reviewed/ Impact factor (Reporting/ Coverage/ Reviews/ Hits/sales/ citations/ Commendations/ etc)	No of Co-performer or Co-authors (10 each)	Whether you are the Solo artist/ performer (15 each)	API Score

B (i) Articles/ Chapters published in Books

API Score (Per Art/Chap) Category 1: International Publisher – 10

Category 2: National/ State/ Central/ Societies Publisher – 5

Category 3: Subject books by other/ Local Publisher – 3

Category 4: Chapters in Knowledge-based Volumes – 5

ii) Full papers in Conference Proceedings

Sl. No.	Title with page no.	Book title, editor & publisher	ISSN/ISBN No. (Or, Renowned publishers) See Cat 1-4 as above for scores	Whether peer reviewed.	No. of Co-author	Whether you are the main author	API score

Conf. proceedings as full paper: 1 International Conference - 10/publication

2 National - 7.5/each

3 Regional/State level – 5/ each

4 Local- Univ./College level – 3/each

Sl. No.	Title with page no.	Details of Conference Publication	ISSN/ ISBN No.	No. of Co-author	Whether you are the main author	API score

iii) Books published as single author or as editor

API Score – Category 1 Text/Reference Books by International Publisher – 50

Category 2 Text/Reference Books by National/Soc/Univ Publ – 25

Category 3 Subject Books by Other/Local Recognized Publ – 15

Sl. No.	Title with page no.	Type of Book, & authorship	Publisher & ISSN/ ISBN No. (I. International II. National III. Regional)	Whether peer reviewed.	No. of Co-author	Whether you are The main author	API score

(iv) Solo Performance/Exhibition as an Artist on invitation

API Score – Cat. I /International – 50

Cat. II /National – 25

Cat. III /Regional –15

Sl.No	Title of Programme/ Exhibition with details of venue	Organized or Sponsored by Institution/ Company/ Agency, incl AIR/TV etc	Categorization – (I) International/ (II) National/ (III) Regional	Whether peer-reviewed/ Impact	No of Co-artists or Performers	Whether you are the Solo artist/ performer	API Score

C) Ongoing and Completed Research Projects and Consultancies

API Score for Projects-

Cat I: (Sc -Rs 30 lakhs+ Non-Sc: Rs 5 lakhs +): 20

Cat II: (Sc -Rs 5 lakhs+ Non-Sc: Rs 3 lakhs +): 15

Cat III: (Sc -Rs 0.5 lakhs+ Non-Sc: Rs 0.25 lakhs+): 10

Other approved projects of Univ/Other agencies : 5

API Score for Consultancies–

(Sc -Rs 10 lakhs+ Non-Sc: Rs 2 lakhs +): 10

API Score for Quality Evaluation–

Major (Completed) Project Eval: 20

Minor (Completed) Project Eval: 10

C.(i) & (ii) Ongoing Projects/ Consultancies

Sl. No.	Title	Agency	Period	Grant/ Amount mobilized (Rs. lakh)	API score

C.(iii) & (iv) Completed Projects/ Consultancies

Sl. No.	Title	Agency	Period	Grant/ Amount mobilized (Rs. lakh)	Whether policy document. Patent as outcome	API score

D) Research Guidance

(i) Degree-oriented: API Score – Ph.D. awarded – 10; Ph.D. Submitted – 7;
M.Phil. awarded – 3;

(ii) Non-Degree Products: API Score – Post-Doctoral – 7; National Scholar – 5;
Guidance to Scholars & Master's level – 3;

Sl. No.	Number enrolled	Thesis submitted	Degree awarded	API score
Non-Degree products				
M.Phil. or equivalent				
Ph.D. or equivalent				

E) (i) Training Courses, Teaching-Learning -Evaluation Technology Programmes, Faculty Development Programme (not less than one week duration)

Cat I : (Not less than two week duration): 20

Cat II : (Not less than one week duration): 10

Sl. No.	Programme	Duration	Organized by	API Score

E)(ii) Papers presented in Conferences, Seminars, Workshops, Symposia

API Score – Category 1 International – 10

Category 2 National – 7.5

Category 3 Regional – 5

Category 4 Local – 3

Sl. No.	Title of the paper presented	Title of Conference/ Seminar	Organized by	Whether International/ National/State/ Regional/College or University level	API score

E)(iii) Invited lectures/ Chairing the session or presentation for conferences/symposia etc.

API Score – Category 1 International – 10
 Category 2 National – 7.5
 Category 3 Regional /State level – 5
 Category 4 Univ/Endowment Lect – 3

Sl. No.	Title of the Lecture/ Academic session	Title of Conference/ Seminar	Organized by	Whether International/ National/State/ Regional/College or University level	API score

IV. Summary of API scores

	Criteria	Last 3 / 4 / 5 / 6 academic years						Total- API score for assessment period	Annual Average API Score for Assessment period
I	Teaching, learning Evaluation related Activities								
II	Co-curricular, Extension and Professional Development related Activities								
	Total (I+II)								
III	Research and Contributions								

Signature of the incumbent with designation and date

Signature of the Coordinator
IQAC with Seal

Signature of the Principal/ TIC
with date and Seal

Part C: For use of the Screening/ Selection Committee

Name of the College:

Date of the Meeting:

Venue:

Name of the Incumbent: Shri/Smt/Dr.

Present designation: Assistant Professor (Stage 1/ Stage 2/ Stage 3) of

Date of joining:

Date of award of Ph.D./ M. Phil. :

Scale of Pay: ₹ 15600-39100/- with AGP of ₹ 6000 / 7000 / 8000

Designation after promotion: Assistant Professor (Stage 2 / Stage 3) /Associate Professor (Stage 4)
4) Scale of Pay: ₹ 15600-39100/- or ₹ 37400-67000/- with AGP of ₹ 7000 / 8000 / 9000

Date of effect:

Score for Interview (for Stage 3 to Stage 4) [F.M. 20] :

The Screening/Selection Committee has considered the proposal for promotion under CAS in respect of the incumbent mentioned above from the post of Assistant Professor (Stage 1/ Stage 2/ Stage 3) to the post of Assistant Professor (Stage 2/ Stage 3) / Associate Professor (Stage 4). As the incumbent has fulfilled all conditions as laid down in G.O. No. 920-Edn(CS) dated 31.12.2012 for promotion under CAS , the Committee recommends that the incumbent be promoted to the post of Assistant Professor (Stage 2/ Stage 3) /Associate Professor (Stage 4) with AGP of ₹ 7000 / 8000 / 9000 with effect from

The Committee further recommends that the post held by the incumbent be upgraded to the post of Assistant Professor (Stage 2/ Stage 3) /Associate Professor (Stage 4) with AGP of ₹ 7000 / 8000 / 9000 with effect from and the same would be reverted to the post of Assistant Professor (Stage 1) as soon as it would fallen vacant for any reason whatsoever.

Necessary particulars with all relevant documents be sent to the Government for approval.

Signature of the Expert with Date and Seal

(Nominated by the VC of the affiliating University)

Signature of the Expert with Date and Seal

(Nominated by the VC of the affiliating University)

Signature of Govt. Nominee with Date and Seal

(Nominated by the DPI, West Bengal)

Signature of the Principal/ TIC of the College with Date and Seal

Part D: For use of the Governing Body/ Administrator of the College

The Governing Body in its meeting held on resolved that on the basis of the recommendation made by the Screening/ Selection Committee constituted for the purpose of considering the matter of promotion under CAS, Shri/ Smt/ Dr. of the Department of of this College be promoted to the post of Assistant/ Associate Professor in the scale of pay of ₹ 15600 - 39100/- or ₹ 37400 - 67000/- with AGP of ₹7000 / 8000 / 9000 with effect from

It is also resolved that the post held by Shri/ Smt/ Dr. be upgraded to the post of Assistant/ Associate Professor in the scale of pay of ` 15600-39100/- or ` 37400-67000/- with AGP of ` 7000 / 8000/ 9000 and the same will be reverted to the post of Assistant Professor (Stage 1) as soon as it falls vacant.

Resolved further that the Principal / T.I.C/ Secretary would take up the matter with the DPI, West Bengal by providing with the following in respect of the incumbent:

- i. All Pay Fixation memos countersigned by the Principal/T.I.C..
- ii. Year wise detailed leave statement countersigned by the Principal/T.I.C.

Date:

Signature of the President/ Administrator
Seal:

APPENDIX –I

TABLE 1

**PROPOSED SCORES FOR ACADEMIC PERFORMANCE INDICATORS (APIs) IN
RECRUITMENTS AND CAREER ADVANCEMENT SCHEME (CAS) PROMOTIONS OF
COLLEGE TEACHERS**

PBAS-I: Applicable for Teachers of the Colleges

CATEGORY 1: TEACHING, LEARNING AND EVALUATION RELATED ACTIVITIES

Brief Explanation: Based on the teacher's / Academic's self assessment, API scores are proposed for (a) teaching related activities; (b) domain knowledge; (c) participation in examination and evaluation; (d) contribution to innovative teaching, new courses etc. The minimum API score required by teachers from this category is 75. The self assessment score should be based on objectively verifiable criteria wherever possible and will be finalized by the screening/ selection committee.

Universities will be required to detail the activities and in case institutional specificities require, adjust the weightages, without changing the minimum total API score required under this category.

SL. No	Nature of Activity	Maximum Score
1	Lectures, seminars, tutorials, practical, contact hours undertaken taken as percentage of lectures allocated.	50
2	Lectures or other teaching duties in excess of the UGC norms	10
3	Preparation and Imparting of knowledge / instruction as per curriculum; syllabus enrichment by providing additional resources to students	20
4	Use of participatory and innovative teaching-learning methodologies; updating of subject content, course improvement etc.	20
5	Exam duties (Invigilation; question paper setting, evaluation/assessment of answer scripts) as per allotment.	25
	Total Score	125
	Minimum API Score Required	75

CATEGORY 2: CO-CURRICULAR, EXTENSION AND PROFESSIONAL DEVELOPMENT RELATED ACTIVITIES.

Brief Explanation: Based on the teacher's self- assessment, category 2 API scores are proposed for co-curricular and extension activities; and Professional development related contributions. The minimum API required by teachers for eligibility for promotion is 15. A list of items and proposed scores is given below. It will be noticed that all teachers can earn scores from a numbers of items , whereas some activities will be carried out only by one or a few teachers. The list of activities is broad enough for the minimum API score required (15) in this category to accrue to all teachers. As before, the self-assessment score should be based on objectively verifiable criteria and will be finalized by the screening/selection committee.

The model table below gives groups of activities and API scores. Universities may detail the activities or, in case institutional specificities require, adjust the weightages, without changing the minimum total API score required under this category.

Sl.No	Nature of Activity	Maximum Score
1	Student related co-curricular, extension and field based activities (such as extension work through NSS/NCC and other channels, cultural activities, subject related events, advisement and counseling)	20
2	Contribution to Corporate life and management of the department Institution through participation in academic and administrative committee and responsibilities.	15
3	Professional Development activities (such as participation in seminars, conferences, short term, training courses, talks, lectures, membership of associations, dissemination and general articles (other than those included in Category 3)	15
	Total Score	50
	Minimum API Score Required	15

CATEGORY-3: RESEARCH AND ACADEMIC CONTRIBUTIONS

Brief Explanation: Based on the teacher's self- assessment, API scores are proposed for research and academic contribution. The minimum API score required by teachers from this category is different for different levels of promotion. The self-assessment score will be based on verifiable criteria and will be finalized by the screening/ selection committee.

Sl.	APIs	Faculties of Science	Faculties of Arts/Humanities/Social Science/Commerce/ Management/ Library Science	Maximum points for College teachers
3.A	Research papers published in	Refereed Journal*	Refereed Journal*	15/ publication*
		Non-refereed but recognized and reputable journals and periodicals, media having ISBN/ISSN numbers	Non-refereed but recognized and reputable journals and periodicals, media having ISBN/ISSN numbers	10/ publication*
		Conference proceedings as full papers etc. (Abstracts not be included)	Conference proceedings as full papers etc. (Abstracts not be included)	10/ Publication*
3.B	Research publications, books other than refereed articles	Text or Reference Books published by International Publishers with an established peer review system	Text or Reference Books published by International Publishers with an established peer review system	10/ Publication*
		Subject Books by National level publishers/ State level and Central Govt. publications with ISBN/ISSN numbers	Subject Books by National level publishers/ State level and Central Govt. publications with ISBN/ISSN numbers	25/ sole author, and 5/ chapter in edited books
		Subject Books by other local publisher with ISBN/ISSN number	Subject Books by other local publisher with ISBN/ISSN number	15/ sole author and 3/chapter in edited books
		Chapters contributed to edited knowledge based volumes published by International Publishers	Chapters contributed to edited knowledge based volumes published by International Publishers	10/ chapter
		Chapters in knowledge based volumes by Indian/ National level publishers with ISBN/ISSN numbers and with numbers of	Chapters in knowledge based volumes by Indian/ National level publishers with ISBN/ISSN numbers and with numbers of national and	5/ chapter

		national and international directories	international directories	
3.C	Research Projects			
3.C	Sponsored Projects carried	a)Major projects amount mobilized with grants above Rs.30lakhs	a)Major projects amount mobilized with grants above Rs.5lakhs Major	20/ project
		b) Major projects amount mobilized with grants above Rs.5lakhs up to Rs.30lakhs	b) Major projects amount mobilized with grants above Rs.3lakhs up to Rs.5lakhs	15/ project
		c)Minor projects amount mobilized with grants above Rs.50000/- up to Rs.5lakhs	c)Minor projects amount mobilized with grants above Rs.25000/- up to Rs.3lakhs	10/ project
3.C	Consultancy projects carried out/ ongoing	Amount mobilized with minimum of Rs.10lakhs	Amount mobilized with minimum of Rs.2lakhs	10/every Rs.10lakhs and Rs.2lakh respectively
3.C	Completed projects: Quality evaluation	Completed project Report (acceptance from funding agency)	Completed project Report (acceptance from funding agency)	20/major project and 10/ minor project
3.C	Project outcome/ outputs	Patent/ Technology transfer/ product/ process	Major policy document of Govt. Bodies at Central and State level	30/ national level or patent/ 50 for international level
3.D	Research Guidance			
3.D	M.Phil	Degree awarded only	Degree awarded only	3/ candidate
3.D	Ph.D	Degree awarded	Degree awarded	10/ Candidate
		Thesis submitted	Thesis submitted	7/ Candidate
3.E	Training Courses and Conferences/ Seminar/ Workshop papers			
3.E	a)Refresher courses, Orientation Course, Methodology workshops, Training, teaching-Learning	a)not less than two weeks duration	a)not less than two weeks duration	20 each
		b)one week duration	b)one week duration	10 each

	evaluation Technology programmes, Soft Skills development programmes, Faculty Development programme			
3.E	Paper in Conferences/ Seminars#/ Workshops*** etc.	Participation and presentation of research paper (poster or oral) in a)International Conference b)National Conference c) Regional/ State level d)Local-University/ college	Participation and presentation of research paper (poster or oral) in a)International Conference b)National Conference c) Regional/ State level d)Local-University/ college	a)10 each b)7.5 each c)5 each d)3 each
3.E	Invited lectures/ Chairing the session or presentation for conferences/ symposia	a) International b) National	a)International b)National	a)10 each b)5 each

- Wherever relevant to any specific discipline the API score for paper in refereed journal would be augmented as follows:
 - i) Indexed journal – by 5 points, ii) Papers with impact factor 1 and 2 by 10 points; iii) papers with impact factor between 2 and 5 by 15 points; iv) papers with impact factor between 5 and 10 by 25 points.

*Points divided by number of authors

***If a paper presented in Conference/ Seminar is published in the form of proceedings, the points would accrue for the publication {3.A} and not under presentation {3.E (ii)}.

#Papers accepted at National/ International conferences may be reckoned as equivalent to papers presents.

Note:

1. **The API for joint publications will have to be calculated in the following manner:**

Of the total score for the relevant category of publication by the concerned teacher, the first/ Principal author and the corresponding author/ supervisor/ mentor of the teacher would share equally 60% of the total points and the remaining 40% would be shared equally by all other authors.

2. **Weightage to be given in case of non-accredited departmental/ in-house journal:**

A paper published in an unaccredited Departmental Journal or in other type of in-house journal will get 50% of weightage allocated for a paper published in an ISSN/ISBN accredited journal.

3. **Regarding jointly undertaken research projects:**

For research projects carried out jointly, the Principal Investigator (PI) will be credited with 60% marks, while the rest 40% will be divided equally among the Co-PIs. Copies of the relevant page/s from the original project application and the final Project Report showing the name(s) of the research investigator(s) have to be enclosed.

4. **Seminar attendance as listener only:**

For the teacher's attending of academic Seminars/ Conferences etc. for the purpose of updating of personal knowledge only (without presenting any paper or poster), no credit will be given if such attendance coincided with working days in the academic institution. But if such attendance in seminar took place during holidays or vacations, one-fourth of the credit meant for presenting a paper or poster would be given. Proper proof (s) must be made available for availing of this credit.

TABLE 2

MINIMUM APIs AS PROVIDED IN APPENDIX-I (Table 1) TO BE APPLIED FOR THE PROMOTION OF TEACHERS UNDER CAREER ADVANCEMENT SCHEME (CAS) IN COLLEGES (UG & PG), AND WEIGHTAGES FOR EXPERT ASSESSMENT

	Assistant Professor/ equivalent cadres: (Stage 1 to Stage 2)	Assistant Professor/ equivalent cadres: (Stage 2 to Stage 3)	Assistant Professor (Stage 3) to Associate Professor/ equivalent cadres (Stage 4)
I. Teaching-learning, Evaluation Related Activities (Category 1)	75/Year	75/Year	75/Year
II. Co-curricular, Extension and Profession related activities (Category 2)	15/Year	15/Year	15/Year
III. Minimum total average annual Score under Categories 1 and 2*	100/Year	100/Year	100/Year
IV. Research and Academic Contribution (Category 3)	10/Year (40/assessment period)	20/Year (100/assessment Period)	30/Year (90/assessment period)
Expert Assessment System	Screening Committee	Screening Committee	Selection Committee
V. Percentage Distribution of Weightage Points in the Expert Assessment (Total weightage = 100. Minimum required for promotion is 50)	No separate points. Screening committee to verify API scores	No separate points. Screening committee to verify API scores	20% - Contribution to Research 60% - Assessment of domain knowledge and teaching practices. 20 % - interview performance

* Teachers may score 10 points from either Category 1 or Category 2 to achieve the minimum score required under Category 1 + 2

Note: Stages 1, 2, 3 and 4 correspond to scales with AGP of Rs. 6000, 7000, 8000 and 9000 respectively.

TABLE 3
MINIMUM ACADEMIC PERFORMANCE AND SERVICE REQUIREMENTS FOR
PROMOTION OF TEACHERS IN COLLEGES

SL.No.	Promotion of Teachers through CAS	Service requirement	Minimum Academic Performance Requirements and Screening/Selection Criteria
1	Assistant Professor/ equivalent cadres from Stage 1 to Stage 2	Assistant Professor in Stage 1 and completed <u>four</u> years of service with Ph.D. or <u>five</u> years of service who are with M.Phil/PG Degree in Professional Courses such LLM, M.Tech., M.V.Sc., MD etc. or <u>six</u> years of service without Ph.D/M.Phil / PG Degree in Professional Courses	i) Minimum API scores using PBAS scoring proforma developed by the concerned university as per the norms Provided. ii) One Orientation and one Refresher/Research Methodology Course of 2/3 weeks duration. iii) Screening cum Verification process for recommending promotion.
2	Assistant Professor/ equivalent cadres from Stage 2 to Stage 3	Assistant Professor with completed service of five years in stage 2	(i) Minimum API scores using the PBAS scoring proforma developed by the concerned university as per the norms Provided. (ii) One course / programme from among the categories of refresher courses/ methodology workshop/Faculty Development Programme of 2/3 weeks duration. (iii) Screening cum Verification process for recommending promotion.
3	Assistant Professor (Stage 3) to Associate Professor (Stage 4)	Assistant Professors with three years of completed service in Stage 3.	i) Minimum API scores using the PBAS scoring proforma developed by the concerned university as per the norms provided. ii) At least three publications in the entire period as Assistant Professor (twelve years). iii) One course / programme from among the categories of methodology workshops, Training, Teaching-Learning-Evaluation Technology iv) A selection committee process as stipulated in this regulation.

For PC Secy

**GOVERNMENT OF WEST BENGAL
HIGHER EDUCATION, SCIENCE & TECHNOLOGY
AND BIOTECHNOLOGY DEPARTMENT
(C. S. BRANCH)
BIKASH BHABAN, SALT LAKE
KOLKATA-700091**

No. 1373-Edn (CS)/5P-52/98

Date: 07.12.2017

NOTIFICATION

Consequent upon the Notification of the University Grants Commission's (4th Amendment) Regulations published vide Number F.1-2/2016 dated 11.07.2016, and in continuation of the Department's Order vide No. 920-Edn(CS) dated 31.12.2012, the matter regarding adoption of the Regulations was under active consideration of this Department for sometime past.

After careful consideration of all the aspects in this regard, the Governor, in exercise of the powers conferred by section 18 of the West Bengal Universities and Colleges (Administration and Regulation) Act, 2017, has now been pleased to direct that the teachers and librarians of Government-aided Colleges in West Bengal, who come under the administrative jurisdiction of this Department, shall be guided by the Career Advancement Scheme (CAS) detailed in the Annexures to this notification.

In this connection, the Governor is further pleased to direct that if the assessment period of any incumbent for the purpose of Career Advancement falls under both the UGC's Regulations, 2010 and Regulations 2016, then for the purpose of computation of API score, the period prior to issuance of this notification shall be guided by the Department's Order vide No. 920-Edn(CS) dated 31.12.2012 and all corresponding orders issued in this regard, and for the period falling after the date of issuance of this Notification shall be guided by the scheme provided in the Annexures to this notification.

This notification shall take immediate effect from the date of its issuance.

By Order of the Governor,

SD/-

(Madhumita Ray)

Secretary

Government of West Bengal

To G.O. No. 1373–Edn (CS) dated 07.12.2017

Guidelines and terms and conditions towards Career Advancement Scheme subject to fulfillment of required API scores as prescribed in the UGC Regulations (4th Amendment) 2016 for the teachers, librarians of Government-aided Colleges in West Bengal.

APPENDIX – III: TABLE I(Please refer to UGC notification no. F.1-2/2016 dated 11th July, 2016)

**ACADEMIC PERFORMANCE INDICATORS (API) FOR CAREER
ADVANCEMENT SCHEME (CAS) PROMOTIONS FOR ASSISTANT
PROFESSOR, ASSOCIATE PROFESSOR IN COLLEGES.**

	Direct Teaching Hours per week
Assistant Professor	16
Associate Professor	14
Professor	14

Based on the teacher's self-assessment, API scores are proposed for (a) teaching related activities; domain knowledge; (b) participation in examination and evaluation; and (c) contribution to innovative teaching, new courses etc. The minimum API score required by teachers from this category is different for different levels of promotion. The self- assessment score should be based on objectively verifiable records. It shall be finalized by the screening cum evaluation / selection committee. Universities may detail the activities, in case institutional specificities require, adjust the weightages without changing the minimum total API scores required under this category.

CATEGORY I: TEACHING, LEARNING AND EVALUATION RELATED ACTIVITIES

Catego ry	Nature of Activity	Assistant Professor		Associate Professor	
		Max.	Actual Score	Max.	Actual Score
I	a. Direct Teaching	70	Actual hours spent per academic year $\div 7.5$	60	Actual hours spent per academic year $\div 7.75$
	b. Examination duties (question paper setting, Invigilation, evaluation of	20	Actual hours spent per academic year $\div 10$	20	Actual hours spent per academic year $\div 10$

	answer scripts) as per allotment				
	c. Innovative Teaching – learning methodologies, updating of subject contents/courses, mentoring etc.	10	Actual hours spent per academic year ÷10	15	Actual hours spent per academic year ÷10

Note:

1. Direct Teaching 16/14/14 hours per week include the Lectures/Tutorials/Practical /Project Supervision/Field Work.
2. University may prescribe minimum cut-off, say 75%, below which no scores may be assigned in these sub-categories.
3. In consonance with established academic and teaching traditions, and with a view to reinforcing a student-centric and caring approach the teachers are encouraged to work with students, beyond the structure of classroom teaching. Indicatively, this could entail mentoring, guiding and counseling students. In particular teachers would be the best placed to identify and address the needs of students who may be differently abled, or require assistance to improve their academic performance, or to overcome a disadvantage. There are no prescribed hours for such efforts, measured either in weeks or months, or in the context and calculation of the API scores, these are nevertheless important and significant activities that could be carried out by teachers.

CATEGORY II: PROFESSIONAL DEVELOPMENT, CO-CURRICULAR AND EXTENSION ACTIVITIES

Based on the teacher's self-assessment, Category II API scores are proposed for Professional development, co-curricular and extension activities; and related contributions. The minimum API required by teachers for eligibility for promotion is fixed in Table II (A). A list of items and scores is given below. The self-assessment score should be based on objectively verifiable records and shall be finalized by the screening cum evaluation committee for the promotion of Assistant Professor to higher grades and selection committee for the promotion of Assistant Professor to Associate Professor.

The model table below gives groups of activities and API scores. Universities may detail the activities or, in case institutional specificities require, adjust the weightages without changing the minimum total API score required under this category.

Catego ry II	Nature of Activity	Maximum API Score	Actual Score
a.	Student related co-curricular, extension and field based activities (i) Discipline related co-curricular activities (e.g. remedial classes, career	15	Actual hours spent per academic year ÷10

	counseling, study visit, student seminar and other events.) (ii) Other co-curricular activities (Cultural, Sports, NSS, NCC etc.) Extension and dissemination activities (public /popular lectures/talks/seminars etc.)		
b.	Contribution to corporate life and management of the department and institution through participation in academic and administrative committees and responsibilities. i). Administrative responsibility (including as Dean / Principal / Chairperson / Convener / Teacher-in-charge/similar other duties that require regular office hrs for its discharge) (ii). Participation in Board of Studies, Academic and Administrative Committees	15	Actual hours spent per academic year ÷10
c.	Professional Development activities (such as participation in seminars, conferences, short term training courses, industrial experience, talks, lectures in refreshers/faculty development courses, dissemination and general articles and any other contribution)	15	Actual hours spent per academic year ÷10

CATEGORY-III: RESEARCH AND ACADEMIC CONTRIBUTIONS

Based on the teacher's self-assessment, API scores are proposed for research and academic contributions. The minimum API scores required for teachers from this category are different for different levels of promotion in universities and colleges. The self-assessment score shall be based on verifiable records and shall be finalized by the screening cum evaluation committee for the promotion of Assistant Professor to higher grades and Selection Committee for the promotion of Assistant Professor to Associate Professor.

Cate gory	Activity	Faculty of Sciences / Engineering / Agriculture / Medical / Veterinary Sciences	Faculties of Languages / Humanities / Arts / Social Sciences / Library / Physical education / Management	Maximum score for University / College teacher*
III (A)	Research Papers published in:	Refereed Journals as notified by the UGC#	Refereed Journals as notified by the UGC#	25 per Publication
		Other Reputed Journals	Other Reputed Journals as	10 per

		as notified by the UGC#	notified by the UGC #	Publication
III (B)	Publications other than journal articles (books, chapters in books)	Text/Reference, Books published by International Publishers, with ISBN/ISSN number as approved by the University and posted on its website. The List will be intimated to UGC.	Text/Reference, Books published by International Publishers, with ISBN/ISSN number as approved by the University and posted on its website. The List will be intimated to UGC.	30 per Book for Single Author
		Subject Books, published by National level publishers, with ISBN/ISSN number or State/Central Govt. Publications as approved by the University and posted on its website. The List will be intimated to UGC	Subject Books, published by National level publishers, with ISBN/ISSN number or State/Central Govt. Publications as approved by the University and posted on its website. The List will be intimated to UGC	20 per Book for Single Author
		Subject Books, published by other local publishers, with ISBN/ISSN number as approved by the University and posted on its website. The List will be intimate to UGC	Subject Books, published by other local publishers, with ISBN/ISSN number as approved by the University and posted on its website. The List will be intimate to UGC	15 per Book for Single Author
		Chapters in Books published by National and International level publishers, with ISBN/ISSN number as approved by the University and posted on its website. The List will be intimate to UGC	Chapters in Books published by National and International level publishers, with ISBN/ISSN number as approved by the University and posted on its website. The List will be intimate to UGC	International -10 per Chapter National – 5 per Chapter
III (C)	RESEARCH PROJECTS			
III (C) (i)	Sponsored Projects:	(a) Major Projects with grants above Rs. 30 lakhs	Major Projects with grants above Rs. 5 lakhs	20 per Project
		(b) Major Projects with grants above Rs. 5 lakhs up to Rs. 30 lakhs	Major Projects with grants above Rs. 3 lakhs up to Rs. 5 lakhs	15 per project

		(c) Minor Project with grants above Rs. 1 lakh up to Rs.5 lakhs	Minor Project with grants above Rs. 1 lakh up to Rs. 3 lakhs	10 per project
III (C) (ii)	Consultancy Projects	Amount mobilized with a minimum of Rs.. 10 lakhs	Amount mobilized with a minimum of Rs. 2 lakhs	10 for every Rs. 10 lakhs and Rs. 2 lakhs
III (C) (iii)	Projects Outcome/ Outputs	Patent/Technology transfer / Product / Process	Major Policy document prepared for international bodies like WHO/UNO/UNESCO /UNICEF etc. Central / State Govt./Local Bodies	30 for each International / 20 for each national level output or patent. Major policy document of International bodies – 30 Central Government – 20, State Govt.-10 Local bodies – 5
III (D)	RESEARCH GUIDANCE			
III (D) (i)	M. Phil.	Degree awarded	Degree awarded	5 per candidate
III (D) (ii)	Ph.D.	Degree awarded / Thesis submitted	Degree awarded / Thesis submitted	15/10 per candidate
III E	Fellowships, Awards and Invited lectures delivered in conferences / seminars			
III (E)(i)	Fellowships/ Awards	International Award/Fellowship from academic bodies	International Award/Fellowship from academic bodies/Associations	15 per award / 15 per Fellowship
		National Award/Fellowship from academic bodies	National Award/Fellowship from academic bodies/ Associations	10 per award / 10 per Fellowship
		State/University level award from academic bodies	State/University level award from academic bodies/ Associations	5 per award
III (E)(ii)	Invited lectures/ papers	International	International	7 per lecture /5 per paper presented
		National level	National level	5 per lecture /3 per paper presented
		State/University level	State/University level	3 per lecture /2 per paper

			presented
	The score under this sub-category shall be restricted to 20% of the minimum fixed for Category III for any assessment period		
III (F)	Development of e-learning delivery process/material		10 per module

* Wherever relevant to any specific discipline, the API score for paper in refereed journal would be augmented as follows: (i) paper with impact factor less than 1 - by 5 points; (ii) papers with impact factor between 1 and 2 by 10 points; (iii) papers with impact factor between 2 and 5 by 15 points; (iv) papers with impact factor between 5 and 10 by 20 points; (v) papers with impact factor above 10 by 25 points. The API for joint publications shall be calculated in the following manner: Of the total score for the relevant category of publication by the concerned teacher, the First and Principal / corresponding author /supervisor / mentor would share equally 70% of the total points and the remaining 30% would be shared equally by all other authors.

The University shall identify the journal subject wise through subject expert committees and forward the recommendations to UGC in the format prescribed by UGC for approval of the UGC Standing Committee. The journal approved from the list, by the UGC Standard Committee shall be included "List of Journal" notified by the UGC.

APPENDIX - III TABLE - II (A)

(Please refer to UGC notification no. F.1-2/2016 dated 11th July, 2016)

MINIMUM APIS AS PROVIDED IN APPENDIX - III TABLE I TO BE APPLIED FOR THE PROMOTION OF TEACHERS UNDER CAREER ADVANCEMENT SCHEME (CAS) IN COLLEGES, AND WEIGHTAGES FOR EXPERT ASSESSMENT

Cate gory	Activity	Assistant Professor / equivalent cadres: (Stage 1 to Stage 2)	Assistant Professor / equivalent cadres: (Stage 2 to Stage 3)	Assistant Professor (Stage 3) to Assoc. Professor/equivalent cadres (Stage 4)
I	Teaching- learning, Evaluation Related Activities	80/Year	80/year	75/year
II	Professional Development and Extension activities - Minimum score required to be assessed cumulatively	50/ Assessment period	50/ Assessment period	50/ Assessment period

III	Research and Academic Contributions- Minimum Score required - to be assessed cumulatively	20/ Assessment period	50/ Assessment period	75/ Assessment period
II + III	Minimum total API score under Categories II and III*	90/ Assessment period	120/ Assessment period	150/ Assessment period
IV	Expert Assessment system	Screening cum evaluation committee	Screening Cum evaluation committee	Selection Committee
	Percentage Distribution of Weightage Points in the Expert Assessment (Total weightage = 100. Minimum required for promotion is 50)	No separate points. Screening committee to verify API scores	No separate points. Screening committee to verify API scores	30% - Research Contribution 50% - Assessment of domain knowledge & teaching practices. 20% - Interview performance

* Teachers may score the balance of points from either Category II or Category III to achieve the minimum score required under Category II + III.

APPENDIX-III - TABLE: III

(Please refer to UGC notification no. F.1-2/2016 dated 11th July, 2016)

MINIMUM ACADEMIC PERFORMANCE AND SERVICE REQUIREMENTS FOR PROMOTION OF TEACHERS IN COLLEGES

Sl.	Promotion of Teachers through CAS	Service requirement	Minimum Academic Performance Requirements and Screening/Selection Criteria
1.	Assistant Professor/ Equivalent cadres from Stage 1 to Stage 2	Assistant Professor in Stage 1 and completed four years of service with Ph.D. or five years of service who are with M.Phil / PG Degree in Professional Courses such as LLM, M.Tech, M.V.Sc., M.D., or six years of service who are without Ph.D/ M.Phil / PG Degree in	(i) Minimum proforma developed by the UGC as per the norms provided in Table II (A). (ii) One Orientation and one Refresher course/ Research Methodology Course of 2/3 weeks duration. (iii) Screening cum Verification process for recommending promotion.

		Professional courses	
2.	Assistant Professor/equivalent cadres from Stage 2 to Stage 3	Assistant Professor with completed service of five years in Stage 2.	(i) Minimum cumulative API scores using the PBAS scoring proforma developed by the UGC as per the norms provided in Table II(A) (ii) One course / programme from among the categories of refresher courses, methodology workshops, Training, Teaching-Learning-Evaluation Technology Programmes, Soft Skills development Programmes and Faculty Development Programmes of 2/3 week duration. (iii) Screening cum Verification process for recommending promotion.
3.	Assistant Professor (Stage 3) to Associate Professor (Stage 4)	Assistant Professors with three years of completed service in Stage 3.	(i) Minimum cumulative API scores using the PBAS scoring proforma developed by the UGC as per the norms provided in Table II (A). (ii) At least three publications in the entire period as Assistant Professor (twelve years). However, in the case of College teachers, an exemption of one publication may be given to M. Phil. holders and an exemption of two publications may be given to Ph. D. holders. (iii) One course / programme from among the categories of methodology workshops, Training, Teaching-Learning -Evaluation Technology Programmes, Soft Skills development Programmes and Faculty Development Programmes of minimum one week duration. (iv) A selection committee process as stipulated in the regulation and in Tables II(A).

APPENDIX- III TABLE VII

(Please refer to UGC notification no. F.1-2/2016 dated 11th July, 2016)

ACADEMIC PERFORMANCE INDICATORS (API) FOR PROMOTIONS OF ASSISTANT LIBRARIAN / COLLEGE LIBRARIAN UNDER CAREER ADVANCEMENT SCHEME (CAS).

Direct Work load and weightage to be given to different levels of Librarians

	Direct working hours per week	Direct working hours per week
Assistant Librarian/College Librarian (Stage 1 to 2 & Stage 2 to 3)	40	100
Assistant Librarian / College Librarian (Stage 3 to 4)	36 + 4*	90

Based on the Librarian Cadre's self-assessment, API scores are proposed for (a) Library resources organization and maintenance of books, journals, reports, Development, organization

and management of e-resources; User awareness and instruction programmes, (b) ICT and other new technologies' application for upgradation of library services and

(c) Additional services such as extending library facilities on holidays, shelf order maintenance, library user manual, building and extending institutional library facilities to outsiders through external membership norms. The minimum API score required by Library Personnel from this category is different for different levels of promotion. The self assessment score should be based on objectively verifiable records. It shall be finalized by the screening cum evaluation / selection committee. Universities may detail the activities, in case institutional specificities require, adjust the weightages without changing the minimum total API scores required under this category.

***Hours spent on administrative responsibilities, innovation, upgradation of services, extension services etc.**

CATEGORY-I: PROCUREMENT, ORGANIZATION, AND DELIVERY OF KNOWLEDGE AND INFORMATION THROUGH LIBRARY SERVICES

Nature of Activity	Assistant Librarian/College Librarian (Stage 1 to 2 & Stage 2 to 3)		Assistant Librarian/College Librarian (Stage 3 to 4)	
	Max. Score	Actual Score	Max. Score	Actual Score
<p>a) Library resources organization and maintenance of books, journals, reports; Provision of library reader- services, literature retrieval services to researchers and analysis of reports; Provision of assistance to the departments of University/College with the required inputs for preparing reports, manuals and related documents; Assistance towards updating institutional website with activity related information and for bringing out institutional Newsletters, etc. (40 Points)</p> <p>Development, organization and management of e-resources including their accessibility over Intranet/Internet, digitization of library resources, e-delivery of information, etc. (15 Points)</p> <p>User awareness and instruction programmes (Orientation lectures, users' training in the use of library services as e-resources, OPAC; knowledge resources user promotion programmes like organizing book exhibitions, other interactive latest</p>	70	Actual Score (Actual hours spent per Academic Year ÷20)	60	Actual Score (Actual hours spent per Academic Year ÷20)

learning resources, etc. (15 Points)				
b) ICT and other new technologies' application for upgradation of library services such as automation of catalogue, learning resources procurement functions, circulation operations including membership records, serial subscription system, reference and information services, library security (technology based methods such as RFID, CCTV), development of library management tools(software), Intranet management	15	Actual Score (Actual hours spent per Academic Year ÷10)	15	Actual Score (Actual hours spent per Academic Year ÷10)
c) Additional services such as extending library facilities on holidays, shelf order maintenance, library user manual, building and extending institutional library facilities to outsiders through external membership norms	15	Actual Score (Actual hours spent per Academic Year ÷10)	15	Actual Score (Actual hours spent per Academic Year ÷10)

CATEGORY II: PROFESSIONAL DEVELOPMENT, CO-CURRICULAR AND EXTENSION ACTIVITIES

Based on the Librarian Cadre's self-assessment, category II API scores are proposed for co-curricular and extension activities; and Professional development related contributions. A list of items and scores is given below. The self-assessment score should be based on objectively verifiable records and shall be finalized by the screening cum evaluation committee for the promotion of Assistant Librarian / College Librarian to higher grades and selection committee for the promotion of Assistant Librarian/College Librarian (Stage 3) to Assistant Librarian / College Librarian (Stage 4).

Nature of Activity	Maximum API Score	Actual Score
a) Student related co-curricular, extension and field based activities (such Cultural exchange and Library service Programmes (various level of extramural and intramural programmes); extension, library-literary work through different channels.	15	Actual hours spent per academic year ÷10
b) Contribution to Corporate life and management of the library units and institution through participation in library and administrative committees and responsibilities.	15	Actual hours spent per academic year ÷10

c) Professional Development activities (such as participation in seminars, conferences, short term, e- library training courses, workshops and events, talks, lectures, membership of associations, dissemination and general articles, not covered in Category III below)	15	Actual hours spent per academic year ÷10
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CATEGORY-III: RESEARCH AND ACADEMIC CONTRIBUTIONS

Based on the self-assessment, API scores are proposed for research and library contributions. The minimum API scores required from this category are different for different levels of promotion in universities/colleges. The self-assessment score shall be based on verifiable records and shall be finalized by the screening cum evaluation committee for the promotion of Assistant Librarian/College Librarian to higher grades and Selection Committee for the promotion of Assistant Librarian/College Librarian (Stage 3 to Stage 4).

Category	Activity	University/College Librarian	Maximum score*
III (A)	Research Papers published in:	Refereed Journals as notified by the UGC#	25 per Publication
		Other Reputed Journals as notified by the UGC#	10 per Publication
III (B)	Publications other than journal articles (books, chapters in books)	Text/Reference, Books published by International Publishers, with ISBN/ISSN number as approved by the University and posted on its website. The List will be intimated to UGC.	30 per Book for Single Author
		Subject Books, published by National level publishers, with ISBN/ISSN number or State/Central Govt. Publications as approved by the University and posted on its website. The List will be intimated to UGC	20 per Book for Single Author
		Subject Books, published by other local publishers, with ISBN/ISSN number as approved by the University and posted on its website. The List will be intimate to UGC	15 per Book for Single Author
		Chapters in Books published by National and International level publishers, with ISBN/ISSN number as approved by the University and posted on its website. The List will be intimate to UGC	International-10 per Chapter National – 5 per Chapter
III (C)	RESEARCH PROJECT		
III (C) (i)	Sponsored Projects:	(a) Major Projects with grants above Rs. 5 lakhs	20 per Project

		(b) Major Projects with grants above Rs. 3 lakhs up to Rs. 5 lakhs	15 per project
		(c) Minor Project with grants above Rs. 1 lakh up to Rs.3 lakhs	10 per project
III (C) (ii)	Consultancy Projects	Amount mobilized with a minimum of Rs.. 2 lakhs	10 for every Rs. 2 lakhs
III (C) (iii)	Projects Outcome/ Outputs	Major policy document prepared for International bodies like WHO/UNO/UNESCO/UNICEF etc. Central / State Govt./ Local bodies prepared	Major policy document of International bodies – 30 Central Government – 20, State Govt.-10 Local bodies – 5
III (D)	RESEARCH GUIDENCE		
III (D) (i)	M. Phil.	Degree awarded	5 per candidate
III (D) (ii)	Ph.D.	Degree awarded / Thesis submitted	15/10 per candidate
III (E)			
III (E)(i)	Awards / Fellowship	International Award/Fellowship from academic bodies	15 per Award/15 per Fellowship
	Awards / Fellowship	National Award/Fellowship from academic bodies/ association	10 per Award/10 per Fellowship
	Awards / Fellowship	State/University level award from academic bodies/ association	5 per Award
III (E)(ii)	Invited lectures/ papers	International	7 per lecture/ 5 per paper presented
		National level	5per lecture/3 per paper presented
		State/University level	3 per lecture/2 per paper presented
	The score under this sub-category shall be restricted to 20% of the minimum fixed for Category III for any assessment period		
III (E)(iii)	Development of e-learning delivery process/material		10 per module

* Wherever relevant to any specific discipline, the API score for paper in refereed journal would be augmented as follows: (i) paper with impact factor less than 1 - by 5 points; (ii) papers with impact factor between 1 and 2 by 10 points; (iii) papers with impact factor between 2 and 5 by 15 points; (iv) papers with impact factor between 5 and 10 by 20 points: (v) papers with impact factor above 10 by 25 points. The API for joint publications shall be calculated in the following manner: Of the total score for the relevant category of publication by the concerned teacher, the

First and Principal / corresponding author /supervisor / mentor would share equally 70% of the total points and the remaining 30% would be shared equally by all other authors.

The University shall identify the journal subject wise through subject expert committees and forward the recommendations to UGC in the format prescribed by UGC for approval of the UGC Standing Committee. The journal approved from the list, by the UGC Standard Committee shall be included "List of Journal" notified by the UGC.

APPENDIX - III TABLE - VII (A)

(Please refer to UGC notification no. F.1-2/2016 dated 11th July, 2016)

MINIMUM API_s FOR THE CAREER ADVANCEMENT SCHEME (CAS) OF PROMOTION OF FOR PROMOTIONS OF ASSISTANT LIBRARIAN / COLLEGE LIBRARIAN AND WEIGHTAGES FOR EXPERT ASSESSMENT IN SELECTION COMMITTEES, IN COLLEGES

Category	Activity	Assistant/ College Librarian: (Stage 1 to Stage 2)	Assistant/ College Librarian: (Stage 2 to Stage 3)	Assistant/ College Librarian (Stage 3 to Stage 4)
I	Procurement, organization, and delivery of knowledge and information through Library services	80/Year	80/year	75/year
II	Professional Development and Extension activities - Minimum score required to be assessed cumulatively	50/ Assessment period	50/ Assessment period	50/ Assessment period
III	Research and Academic Contributions- Minimum Score required - to be assessed cumulatively	20/ Assessment period	50/ Assessment period	75/ Assessment period
II + III	Minimum total API score under Categories II and III*	90/ Assessment period	120/ Assessment period	150/ Assessment period
	Expert Assessment system	Screening cum evaluation committee	Screening cum evaluation committee	Selection Committee
IV	Percentage Distribution of Weightage Points in the Expert Assessment (Total weightage = 100. Minimum required for promotion is 50)	No separate points. Screening committee to verify API scores	No separate points. Screening committee to verify API scores	30% - Library related research papers evaluation 50% - Assessment of domain knowledge on Library automation and Organizational skills 20% - Interview performance

* One may score the balance of points from either Category II or Category III to achieve the minimum score required under Category II + III.

APPENDIX-III - TABLE: IX

(Please refer to UGC notification no. F.1-2/2016 dated 11th July, 2016)

**MINIMUM ACADEMIC PERFORMANCE AND SERVICE REQUIREMENTS FOR
PROMOTION OF LIBRARIAN CADRES IN COLLEGES**

S N	Promotion of Librarian Cadres through CAS	Service (as prescribed by the MHRD Notification) requirement	Minimum Academic Performance Requirements and Screening/Selection Criteria
1	Assistant Librarian/College Librarian to Assistant Librarian (Senior Scale)/College Librarian (Senior Scale) (Stage 1 to Stage 2)	Assistant Librarian/College Librarian completed four years of service in Stage 1 with Ph. D or five years of service in Stage 1 with Ph.D or five years of service with M.Phil or six years of service without Ph.D./M.Phil	(i) Minimum API scores using PBAS scoring proforma developed by the university as per the norms provided in Table VIII(A) of Appendix III for Librarian cadres in universities and for college Librarian cadres. (ii) One Orientation and one Refresher Course of 3/4 weeks duration (iii) Screening cum Verification process for recommending promotion.
2	Assistant Librarian (senior scale) / College Librarian (senior scale) to Assistant Librarian (selection grade) / College Librarian (selection grade) (Stage 2 to Stage 3)	Assistant Librarian (senior scale)/College Librarian (senior scale) with completed service of five years in Stage 2	(i) Minimum API scores using the PBAS scoring proforma developed by University as per the norms provide in Table VIII(A) of Appendix III for Librarian Cadres in universities and for college Librarian cadres. (ii) Additionally, two refresher courses, for a minimum period of 3 to 4 week duration to have been undergone during the assessment period. (iii) Screening cum Verification process for recommending promotion.
3	Assistant Librarian (Selection Grade)/College Librarian (Selection Grade) (stage 3 to stage 4)	Deputy Librarian/Assistant Librarian (Selection Grade)/College Librarian (selection Grade) with three years of completed service in stage 3.	(i) Minimum API scores using the PBAS scoring proforma developed by university as per the norms provided in Table VIII (A) of Appendix- III Three publications over 12 years. In Colleges, a exemption of one publication may be given to M. Phil. holders and an exemption of two publications may be given to Ph.D. holders. (ii) Additionally one course/training under the categories of Library automation/Analytical tool Development for Academic documentation. (iii) A selection committee process as stipulated in the regulation and in Tables VIII(A).

Note: The explanatory note provided for Table IIA for CAS for teachers is also applicable for the Librarian cadres as per the API score specified for this cadre.

A format for Annual Self-Assessment for the performance Based Appraisal System (PBAS) in respect of Teachers is annexed for ready references to frame the same for Assistant/College Librarian in Colleges.

ANNEXURE (B)

To G.O. No. 1373-Edn (CS) dated 07.12.2017

This FORMAT for Annual Self-Assessment for the Performance Based Appraisal System (PBAS) is required to be filled up at the end of each Academic Year during the period of promotion and filled in Format along with all documents will be placed to the Screening / Selection Committee after duly approved by the IQAC and Principal/TIC/OIC of the concerned college.

Annual Self-Assessment for the performance Based Appraisal System (PBAS)
Session/ Year _____
(To be completed and submitted at the end of each academic year)

PART A: GENERAL INFORMATION

1. Name (Block letters) :
2. Father's /Mother's name/
Husband's name :
3. Department :
4. Current Designation & Grade Pay :
5. Date of last Promotion :
6. Address for correspondence :
(with pin code)
7. Permanent Address :
(with pin code)
Telephone No.:
E-mail:
8. Whether acquired any degrees or fresh academic qualifications during the year:
9. Academic Staff College Orientation/ Refresher Course attended during the year:

Name of the Course/Summer School	Place	Duration	Sponsoring Agency

10. Date of Appointment :
11. For which position & AGP you are applying under CAS :
12. Date of eligibility for Promotion :
13. Educational Qualification (Graduation onwards):

Examination	Name of the University	Year of passing	Marks obtained (%)	Class/grade
BA/B.Sc./B.Com.				
MA/M.Sc./M.Com.				
Other examination, if any				

14. Research Degree(s):

Degree	Name of the University	Date of award	Title
M.Phil			
Ph.D/ D.Phil			
D.Sc./ D.Lit			

15. Details of Teaching/ Research/Academic Experience:

Designation	Employer	Period of service From To	Scale of pay

I declare that the particulars given above are correct to the best of my knowledge and belief.

Signature of the Candidate

All entries made above are checked and verified and found to be correct.

Signature of the Co-ordinator, IQAC

Date:

Seal:

Signature of the Principal/TIC

Date:

Seal:

Part B: Academic Performance Indicators (API)

(Please see detailed instruction of the **PBAS-I** Proforma before filling out this section)

CATEGORY 1: TEACHING, LEARNING AND EVALUATION RELATED ACTIVITIES

(a) Direct teaching (16/14) hours per week as applicable) including Lectures, Tutorials, Practical, Project Supervision and Field work

Sl. No.	Course/Paper	Level	Mode of Teaching*	Actual hours spent per Academic Year	Actual Score (Actual hours spent per Academic Year \div 7.5 for Assistant Prof. & \div 7.75 for Associate Prof.)	API Score
	Maximum API Score : i) Assistant Professor Stage I : 70 ii) Assistant Professor Stage II : 70 iii) Assistant Professor Stage III: 70					

* Lectures, Tutorials, Practical, Project Supervision and Field Work

- Workload as per UGC Regulations 2016:

	Direct Teaching Hours per week
Assistant Professor	16
Associate Professor	14

b) Examination duties (question paper setting, evaluation of answer scripts) as per allotment

Sl. No.	Type of Examination Duties	Actual hours spent per Academic Year	Actual Score (Actual hours spent per Academic Year \div 10 for all Teachers)	API Score

	Maximum API Score : i) Assistant Professor Stage I : 20 ii) Assistant Professor Stage II : 20 iii) Assistant Professor Stage III : 20			

(c) Innovative teaching- learning methodologies; updating of subject content/ course, mentoring etc.

- (a) Updating of Courses/Curriculum Design:
- (b) Participation/Innovative – Interactive courses:
- (c) Participn./Innovative – Learning Modules
- (d) Participn./Innovative – Case Studies prepared:
- (e) Use of ICT or Computer-aided methods – ppt:
- (f) Use of ICT – Multi-media/Simulation etc:
- (g) Dev/Teaching Remedial/Bridge Courses:
- (h) Dev/Teaching Soft skill/Communication/Personality Dev:
- (i) Special Programs in Phys. Edn./Library:
- (j) Innovative Composition/Creation in Music, Fine Arts, Perf Arts:
- (k) Organizing & cond. of popular Prog. /Teaching Web-based/E-Library/IT-asst teaching:

Sl. No.	Short Description (in terms of items) as listed above	Actual hours spent per Academic Year	Actual Score (Actual hours spent per Academic Year ÷10)	API Score
	Maximum API Score : i) Assistant Professor Stage I : 10 ii) Assistant Professor Stage II : 10 iii) Assistant Professor Stage III : 10			

In consonance with established academic and teaching traditions, and with a view to reinforcing a student-centric and caring approach the teachers are encouraged to work with students, beyond the structure of classroom teaching. Indicatively, this could entail mentoring, guiding and counseling students. In particular teachers would be the best placed to identify and address the needs of students who may be differently abled, or require assistance to improve their academic performance, or to overcome a disadvantage. There are no prescribed hours for such efforts, measured either in weeks or months, or in the context and calculation of the API scores, these are nevertheless important and significant activities that could be carried out by teachers.

Minimum API Score required for promotion under CAS for CATEGORY I (to be assessed yearly):

i)	Stage I to II	80/ Year
ii)	Stage II to III	80/Year
iii)	Stage III to IV	75/Year

CATEGORY 2 : CO-CURRICULAR, EXTENSION AND PROFESSIONAL DEVELOPMENT RELATED ACTIVITY

Sl.No.	Type of Activity	Actual hours spent per Academic Year	Actual Score (Actual hours spent per Academic Year ÷ 10)*	API Score
(a)	Student related Extension, Co-curricular & field based Activities			
	i) Discipline related co-curricular activities (e.g. remedial classes, career counseling, study visit, student seminar and other events.)			
	ii) Other co-curricular activities (Cultural, Sports, NSS, NCC etc.)			
	iii) Extension and dissemination activities (public /popular lectures/talks/seminars			
	(Max API Score : 15)			
(b)	Contribution to Corporate life and management of the sports units and institution through participation in through participation in responsibilities(including as Principal / Director responsibilities(including as Principal / Director that require regular office hrs for its discharge)			
	i) Administrative Responsibility (including Dean/Principal/Chairperson/Convenor/Teacher-in-charge/ similar other duties that require regular Office hours for its discharge)			

	iii) Participation in Board of Studies, Academic and Administrative committees			
	(Max API Score : 15)			
(c)	Professional Development activities (such as participation in seminars activities (such as participation in seminars talks, lectures in refresher / faculty development courses membership of associations, dissemination and general articles and any other contribution)			
	(Max API Score : 15)			
	*For all categories of Teachers (Assistant/Associate)			
	Total Score (a + b +c) (Max : 45)			

Minimum API Score for CATEGORY II, required to be assessed cumulatively –

i)	Stage I to II	50/Assessment Period
ii)	Stage II to III	50/Assessment Period
iii)	Stage III to IV	50/Assessment Period

CATEGORY-III: RESEARCH AND ACADEMIC CONTRIBUTIONS:

Minimum API Score for CATEGORY III, required to be assessed cumulatively –

i)	Stage I to II	20/Assessment Period
ii)	Stage II to III	50/Assessment Period
iii)	Stage III to IV	75/Assessment Period

III (A) Research Papers Published in

**- Refereed Journals as notified by UGC in ‘List of Journals’ –
25/publication**

-Other Reputed Journals as notified by UGC in ‘List of Journals’ -10 per publication

Sl. No.	Title with page no.	Journal	ISSN/IS BN No.	Whether peer Reviewed. Impact factor, if any	No. of Co-author	Whether you are the main author	API score

* Wherever relevant to any specific discipline, the API score for paper in refereed journal would be augmented as follows: (i) paper with impact factor less than 1 - by 5 points; (ii) papers with impact factor between 1 and 2 by 10 points; (iii) papers with impact factor between 2 and 5 by 15 points; (iv) papers with impact factor between 5 and 10 by 20 points; (v) papers with impact factor above 10 by 25 points. The API for joint publications shall be calculated in the following manner: Of the total score for the relevant category of publication by the concerned teacher, the First and Principal / corresponding author /supervisor / mentor would share equally 70% of the total points and the remaining 30% would be shared equally by all other authors.

III (B) Publications other than journal articles (books, chapters in books) as prescribed in UGC Regulation 2016.

- Text /Reference Books published by International Publisher with ISBN/ISSN number as approved by University : 30 per book for single author
- Subject Books published by National level Publisher with ISBN/ISSN number or State /Central Govt. Publications as approved by University :20 per book for single author
- Subject Books published by other local Publisher with ISBN/ISSN number as approved by University :15 per book for single author
- Chapter in Books published by National /International level Publisher with ISBN/ISSN number as approved by University :
International -10 per chapter
National – 05 per chapter

Sl. No.	Title of the publication with page no. and year of publication	Name of the publisher	ISSN/ ISBN No.	No. of Co-author	Whether you are the main author	API score

III (C) RESEARCH PROJECTS

III (C) (i) Sponsored Projects:

- Major Project with grants above Rs.30 lakhs (science)/above Rs.5 lakhs (Arts) - 20 per project
- Major Project with grants Rs.05 lakhs up to Rs.30 lakhs (science)/Rs.03 lakhs up to Rs.05 lakhs (Arts) - 15per project
- Minor Project with grants above Rs. 01 lakh up to Rs.05 lakhs (science)/Rs.01 lakh up to Rs.03lakhs (Arts) -10 per project

Sl. No.	Title of the Major /Minor Project	Sponsoring Agency	Period	Grant/ Amount mobilized	API score

III (C) (ii) Consultancy Projects:

Amount Mobilized with a minimum of Rs.10 lakhs(Science)/Rs. 02 lakhs (Arts)- 10 for every Rs.10 lakhs and Rs.02 lakhs

Sl. No.	Title of the Consultancy Project	Agency	Period	Grant/ Amount mobilized	API score

III (C) (iii) Projects outcome/outputs

- **API score:**

Patent / Technology transfer / Product/Process **(for Science)-**

International level output--30 / each output

National level output--- 20/each output

(a) For Science: Patent / Technology transfer / Product/Process:

Sl. No.	Details of the Patent / Technology transfer / Product/Process	Date and year of acceptance of the patent/Technolo	National /International	API score

(b) For Arts: Major Policy document prepared for International bodies WHO/UNO/UNESCO/UNICEF ETC.) / Central/State Government /local Bodies

- Major Policy document prepared for International bodies like WHO/UNO/UNESCO/UNICEF etc. Central/State Government /local Bodies **(for Arts)—**

- Major Policy document prepared for International bodies-30
- Central Government-20
- State Government --10
- Local Bodies---05

Sl. No.	Title of Major Policy document prepared	Date and year of acceptance of the Major Policy documents	Name of the body for which the policy was prepared	International/ National/Central Govt./State Govt./Local Bodies.	API score

III(D) Research Guidance

API Score – (i) Ph.D. awarded/ Thesis Submitted – 15 / 10 (for both Science & Arts) per candidate

(ii) M. Phil Degree Awarded/Thesis Submitted –5 (for both Science & Arts)/ candidate.

Sl. No.	Number enrolled	Degree awarded	Thesis Submitted	API score
	M.Phil. or equivalent			
	Ph.D.or equivalent			

III(E) Fellowships, Awards and Invited lectures delivered in conferences/seminar

(III)E.(i) Fellowship /Award :

- a) International Award/Fellowship from academic bodies- 15/award & 15 / fellowship
- b) National Award/Fellowship from academic bodies- 10/award & 10 / fellowship
- c) State /University level Award from academic bodies- 05/award

Sl. No.	Title of the Award /Fellowship	International /National/ State /University level	Name of the ward or Fellowship awarding Academic Body	Date &Year of achievement of Award/Fellowship	API Score

III)E.(ii) Invited Lectures/papers.

- a)International-7/lecture or 5/paper presented
 b) National-5/lecture or 3/paper presented
 c)State /University level-3 /lecture or 2/paper presented

Sl. No.	Title of the invited lecture /paper presented	Title of Conference/ Seminar with date	Organized by	Whether International/ National/State or University	API score
	Total* :				

***The score under this sub-category shall be restricted to 20% of the minimum fixed for Category III for any assessment period**

i)	Stage I to II	04/Assessment Period
ii)	Stage II to III	10/Assessment Period
iii)	Stage III to IV	15/Assessment Period

III(F) Development of e-learning delivery process /material

API score -10/ Module

Sl. No.	Title of the Module	Course/Paper for which the module was prepared	Year and Date of presentation	API Score

***Minimum total API scores required for promotion under CATEGORY I +**

CATEGORY II*:

i)	Stage I to II	90/Assessment Period
ii)	Stage II to III	120/Assessment Period
iii)	Stage III to IV	150/Assessment Period

*** Teachers may score the balance of points from either Category II or Category III to achieve the minimum score required under Category II + III**

IV. Summary of API scores: Name of the applicant:
Subject:

	Criteria	API Score for previous 3 / 4 / 5 / 6 academic years as applicable for specific proposed stage of promotion from Stage I/II/III to Stage II/III/IV.					Total-API score for assessment period	Percentage Distribution of Weightage Points in the Expert Assessment (applicable only for selection committee)
I	CATEGORY I: Teaching, learning and evaluation related activities (to be assessed yearly)							
II	CATEGORY II: Co- curricular, extension and professional development related activity (to be assessed cumulatively for assessment period)							
III	CATEGORY III: Research and Academic Contributions (to be assessed cumulatively for assessment period)							
II + III	Total API score (Category II + Category III)/ Assessment Period)							
	<i>Signature of the incumbent</i>	<i>Signature of the Coordinator, IQAC with date and Seal</i>					<i>Signature of the Principal /TIC / OIC with date and seal</i>	
	<i>Date of Screening Committee / Selection committee and Venue</i>	<i>Date:</i>					<i>Venue:</i>	
	<i>Recommendation of the Screening/Selection Committee for promotion on CAS with date of effect of promotion</i>	<ul style="list-style-type: none"> <i>Recommended for promotion from Stage I/II/III to Stage II/III/IV (Strike out which are not applicable)</i> <i>Date of effect</i> 						
	<i>Signature of the Principal/TIC/OIC with date and seal</i>	<i>Signature of the DPI Nominee with date and seal</i>					<i>Signature of the Subject Expert/s with date and seal</i>	<i>Signature of the Subject Expert/s with date and seal</i>

SUMMARY OF API SCORE: FOR THOSE WHERE ASSESSMENT PERIOD COVERS BOTH UGC REGULATIONS, 2010 AND UGC REGULATIONS, 2016 (4th AMENDMENT)

- **Date of Screening Committee / Selection committee :**
- **Venue:**
- **Name of the applicant:** **Subject:**
- **Date of RC/OP/ WORKSHOP :**

Assessment period						
API score up to 06.12.2017			API score w.e.f 07.12.2017			
		API (A)		API (B)	Total API score in Assessm ent period (A +B)	Percentage Distribution of Weightage Points in the Expert Assessment (applicable only for selection committee for Associate Professor)
CAT I	CATEGORY I: Teaching, learning and evaluation related activities (to be assessed yearly)		CATEGORY I: Teaching, learning and evaluation related activities (to be assessed yearly)			
CAT II	CATEGORY II: Co-curricular, extension and professional development related activity (to be assessed yearly)		CATEGORY II: Co-curricular, extension and professional development related activity (to be assessed cumulatively for assessment period)			

CAT III	CATEGORY III: Research and Academic Contributions (to be assessed cumulatively for assessment period)		CATEGORY III: Research and Academic Contributions (to be assessed cumulatively for assessment period)			
Recommendation of the Screening/Selection Committee for promotion on CAS with date of effect of promotion			Recommended for promotion from Stage I/II/III to Stage II/III/IV (Strikeout which are not applicable) • Date of effect			
Signature of the Principal/TIC/OIC with date and		Signature of the DPI Nominee with date and seal		Signature of the Subject Expert/s with date and seal		Signature of the Subject Expert/s with date and seal

Part C: For use of the Screening/ Selection Committee

Name of the College:

Date of the Meeting:

Venue:

Name of the Incumbent: Shri/Smt/Dr.

Present designation: Assistant Professor (Stage 1/ Stage 2/ Stage 3) of

Date of joining:

Awarded Ph. D. on:

Date of Confirmation:

Scale of Pay: Rs. 15600-39100/- with AGP of Rs. 6000 / 7000 / 8000

Designation after promotion: Assistant Professor (Stage 2 / Stage 3) /Associate Professor (Stage 4) Scale of Pay: Rs. 15600-39100/- or Rs. 37400-67000/- with AGP of Rs. 7000 / 8000 / 9000

Date of effect:

Score for Interview (for Stage 3 to Stage 4) [F.M. 20]:

The Screening/Selection Committee has considered the proposal for promotion under CAS in respect of the incumbent mentioned above from the post of Assistant Professor (Stage 1/ Stage 2/ Stage 3) to the post of Assistant Professor (Stage 2/ Stage 3) / Associate Professor (Stage 4). As the incumbent has fulfilled all conditions as laid down in G.O. No. dated for promotion under CAS , the Committee recommends that the incumbent be promoted to the post of Assistant Professor (Stage 2/ Stage 3) /Associate Professor (Stage 4) with AGP of ` 7000 /

8000 / 9000 with effect from

The Committee further recommends that the post held by the incumbent be upgraded to the post of Assistant Professor (Stage 2/ Stage 3) /Associate Professor (Stage 4) with AGP of ` 7000 / 8000 /

9000 with effect from and the same would be reverted back to the post of Assistant Professor (Stage 1) as soon as it would fallen vacant due to superannuation or any other reason.

Necessary particulars with all relevant documents be sent to the Government for approval.

Signature of the Expert with Date and Seal
(Nominated by the VC of the affiliating University)

Signature of the Expert with Date and Seal
(Nominated by the VC of the affiliating University)

Signature of Govt. Nominee with Date and Seal
(Nominated by the DPI, West Bengal)

Signature of the Principal/ TIC of
College with Date and Seal

Part D: for use of the Governing Body / Administrator of the College

The Governing body in its meeting held on Resolved that on the basis of the recommendation of the screening/selection committee for the purpose of considering the matter of promotion under CAS, Sri/Smt./Dr..... of the Department of of this college be promoted to the post of Assistant/ Associate Professor in the scale of pay Rs. 15600/- - 39100/- or Rs. 37400/- - 67000/- with AGP of Rs. 7000/8000/9000 with effect from

It is resolved that the post held by Sri/Smt./Dr. be upgraded to the post Assistant/ Associate Professor in the scale of pay Rs. 15600/- - 39100/- or Rs. 37400/- - 67000/- with AGP of Rs. 7000/8000/9000 and the same will be reverted to the post of Assistant Professor (Stage 1) as soon as it falls vacant.

Resolved further that the Principal/TIC/Secretary would take up the matter with the DPI, West Bengal by providing with the following in respect of the incumbent:

- i. All Pay Fixation memos countersigned by the Principal/TIC.
- ii. Year-wise detailed leave statement countersigned by the Principal/TIC.

Date:

Signature of the President/ Administrator

Seal

Copy forwarded for information and for necessary action to:–

- (1) Accountant General, (A&E), West Bengal,
- (2) Finance Department, Group – P (Pay) of the State Government,
- (3) Finance Department (Group –B) of the State Government,
- (4) Director of Public Instruction, West Bengal, Bikash Bhavan, Kolkata – 91.
- (5) The Director of Treasuries and Accounts, 4, Lyons Range, Kolkata – 700 001.
- (6) The Pay & Accounts Officer, Kolkata Pay & Accounts Office-I, 81/2/2, Phears Lane, Kol-700012.
- (7) The Pay & Accounts Officer, Kolkata Pay & Accounts Office-II, P-1, Hyde Lane, Jahar Building, Kolkata – 73.
- (8) The Pay & Accounts Officer, Kolkata Pay & Accounts Office-III, IB Block, Sector III, Salt Lake City, Kolkata – 106.
- (9) The Treasury Officer, _____ Treasury,
- (10) Joint Secretary, Budget Branch of this Department,
- (11) Joint Secretary, College Sponsored Branch of this Department,
- (12) P.S. to Hon'ble MIC, Higher Education Department, Government of West Bengal.
- (13) Sr. P.A. to the Additional Chief Secretary of this Department,
- (14) Sr. P.A to the Secretary of this Department,
- (15) Computer Cell of this Department,
- (16) Guard File.

Joint Secretary

CAS FILE
OF
DR INDRANIL CHAKRABORTY
ASSISTANT PROFESSOR OF CHEMISTRY

STAGE - II TO STAGE - III

KHARAGPUR COLLEGE
INDA, KHARAGPUR
PIN-721 305

DATE OF JOINING: - 09.04.2010

DATE OF PROMOTION (STAGE-I TO STAGE-II): - 09.04.2014

DATE OF ELIGIBILITY FOR PROMOTION (STAGE-II TO STAGE-III):- 09.04.2019

2013-14
For the period of 09.04.2014 to 30.06.2014

Part B: Academic Performance Indicators (API)

CATEGORY I: TEACHING, LEARNING AND EVALUATION RELATED ACTIVITIES

(ia) Lectures, seminars, tutorials, practical, contact hours undertaken taken as percentage of lectures allocated.

Sl. No.	Course/paper	Level	Mode of teaching *	Class allotted as per schedule	% of classes taken as per documented record	API Score
01	B.Sc. Hons Paper-I	UG	L	07	06 (86%)	46.5
02	B.Sc. Hons Paper-V	UG	P	21	21(100%)	
03	B.Sc. Hons Paper-III	UG	L	04	03 (75%)	
04	B.Sc. Gen Paper-I	UG	L	02	02 (100%)	
05	B.Sc. Gen 1 st Year Paper-III	UG	P	18	18 (100%)	
06	B.Sc. Gen 2 nd Year Paper-III	UG	P	21	18 (86%)	
Total [Annexure -]				73	68 (93%)	

#Lecture (L), Seminar(S), Tutorial (T), Practical (P), Contact Hours(C).

(ib) Lectures and other teaching duties in excess of UGC norms

Sl. No.	Courses/paper	Level	Mode of teaching	Class allotted as per schedule	% of classes taken as per documented record	API Score
1.				Nil		Nil

	CALCULATION OF API SCORE FOR 1(i)ABOVE	API Score
a)	Classes taken (Maximum 50 for 100% performance & proportionate score up to 80% performance, below which no score may be given)	46.5
b)	Teaching load in excess of UGC norms/Special Lectures /Classes taken at the study centre located in the District other then Kolkata (Max score-10)	0

(ii) Reading / Instructional material consulted and additional knowledge resources provided to students.

Sl.No	Course/Part	Consulted	Prescribed	Additional Resource provided	API Score
01.	B.Sc Chemistry Hons Part-I, Part-II & Part-III-Theory	1. A guidebook to Mechanism of Organic Chemistry by Peter Sykes: Publisher; Orient Longman 2. Stereochemistry of Organic Compounds: Principles and Applications by <u>D. Nasipuri</u> , Publisher: New Age International 3. Organic Chemistry by <u>Jonathan Clayden</u> , <u>Nick Greeves</u> , <u>Stuart Warren</u> , <u>Peter Wothers</u> , Publisher: Oxford 4. Organic Chemistry by Bruice, Publisher: Pearson Education 5. Organic Chemistry by Loudon, Publisher: Oxford 6. Advanced organic chemistry: reactions, mechanisms, and structure by <u>Jerry March</u> , Publisher: Wiley Interscience. 7. NMR Problems : http://www-usr.rider.edu/	Reference books & Web based study materials 1. A guidebook to Mechanism of Organic Chemistry by Peter Sykes: Publisher; Orient Longman 2. Problems & their solution in Organic Chemistry by I.L. Finar; Publisher: Orient Longman 3. Study Guide to Organic Chemistry by Morrison Boyd, Publisher: Prentice Hall 4. Organic Chemistry by Loudon, Publisher: Oxford	Special books with solved problems, Write up on specific topics (self prepared as well as downloaded from internet), solved problems on different chapters etc. 1. Study guide & solution manual to accompany Organic Chemistry by Loudon & Stowell, Publisher: Oxford 2. Problems & their solution in Organic Chemistry by I.L. Finar; Publisher: Orient Longman	

02.	B.Sc General Part-I &Part-II	1.Organic Chemistry by I.L.Finar: ELBS publication 2.Inorganic Chemistry By R.L.Dutta Vol I &II.. 3.Concise Inorganic Chemistry By J.D.Lee: ELBS publications 4.Ajoiba Rasayan by Poddar & Ghosh : Publisher : Book Syndicate Pvt. Ltd	1.Snatak Joiba Rasayan by Samaresh Ghosh: Chhaya Prakashani 2.Organic Chemistry by Subrata Sengupta : Publisher : Book Syndicate Pvt. Ltd 3. Ajoiba Rasayan by Poddar & Ghosh : Publisher : Book Syndicate Pvt. Ltd	Write up on specific topics & solution manuals 1. Prasnottare Snatak Rasayan by P.K.Gangopad hyay, G.K.Mukhe rjee & D.B.Dutta; Publisher : Book Syndicate Pvt. Ltd	
API score based on preparation and imparting of knowledge /instruction as per curriculum and syllabus enrichment by providing additional resources to students (Max. score:20)					10

(iii) Use of participatory and innovative teaching – learning methodologies: updating of subject

contact, course improvement etc.

- (a) Updating of Courses Curriculum Design 5 per course – Max 10
 (b) Participation Innovative- Interactive courses 5
 (c) Participn./ Innovative – Learning Modules 5 Max 10
 (d) Participn./Innovative – Case Studied prepared 5
 (e) Use of ICT or Computer-aided methods-ppt: 5
 (f) Use of ICT- Multi-media Simulation etc: 5 Max 10
 (g) Dev/Teaching Remedial /Bridge Courses 5each Max10
 (h) Dev/Teaching soft skill Communication /Personality Dev.: 5each Max 10
 (i) Special Programs in Phys Edn./Library: 5each Max 10
 (j) Innovative Composition /Creation in Music, Fine Arts, Perf Arts: 5each: Max 10
 (k) Organizing & cond. Of popul . Prog. /Teaching Web-based / E-Library/IT-asst teaching: workshop /Training – 10 points: Popularization program – 5 points

Sl. No.	Short Description (in terms of items) as listed above	API Score
	Nil	
	(Max API Score: 20) Total Score:	

(iv) Examination duties Assigned and Performed

- (a) Invigil. - 10. Evalua.-5, Q.paper setting/Moderation-5; Max : 20 [100% compliance]
 (b) Internal/Continuous Assessment work as allotted – 10 [100% compliance]:
 (c) Exam Coordination Cell/outstation or Flying Squad: 10 [100%compliance]

Sl.No.	Type of Examination Duties	Duties Assigned	Extent to which carried out (%)	API Score
01	Invigilation duty: Part-III-6 Part-II-8 Total 14	B.A/B.Sc/B.Com Part-II & Part-III (Hons & General) exam of V.U	100%	10
02	Evaluation of answer scripts	i).B.Sc Part I Hon Practical examination 2014 of V.U, Paper-V of Garhbeta College Centre ii).B.Sc Part II General Practical examination 2014 of V.U, Paper-III of Kharagpur College Centre.	100%	5
03	Internal Assessment	Nil	N.A	Nil
	(Max API Score: 25) [Annexure -]			15

**CATEGORY II: CO-CURRICULAR, EXTENSION AND PROFESSIONAL
DEVELOPMENT RELATED ACTIVITIES.**

Sl.No.	Type of activities	Average Hrs/week	API Score
(I) Extension, Co-curricular & field based Activities (5 points each)			
	a) Field Study/Ed.Tours/ Placement: 5 each Max 10		
	b) NSS/NCC/NSO etc: each activities 10 points Max 10 [Annexure -]	NSS Programme Officer Unit II, Kharagpur College	10
	c) Student/Staff Sports Campus Publication etc: (dept. level 2 points, Instn level 5 points) Max 10		
	(Max API Score : 20)		10
(II) Contribution to Corporate Life and Management of the Institution		Yearly/Semester wise responsibilities	API Score
	a) Governance Responsibility (PG/IQAC/NAAC coordinator/Bursar/Warden etc.) Max 10		
	b) Academic/Administrative Committee like Admission /Campus Dev/ Library Comm: 5 each Max 10 [Annexure -]	1. UGC sub committee, 2.Seminar sub-committee	5+5=10
	c) Conf Organization / Chair Secretary/ Treasure (I) International: 10 (II) National/Regional: 5 (III) Member: 1 each		
	(Max API Score : 15)		10
(III) Professional Development Activities			
	a) Member in Professional Committees (I) National 3 (II) State 2: Max 10		
	b) Participation in Conf./ Seminars, Without paper : 2 each Max : 10		
	c) Short-term courses/ Training less than a week; 5 each Max 10		
	d) Membership Participation in State/ Central Bodies Committee: 5 each Max 10		
	e) Newspaper/ Magazine/ Radio- TV Progr(Not covered in Category III) 1 each Max. 10		
	(Max API Score : 15)		
	Total Score (I+II+III) (Max : 50)		20
	Minimum API Score required - 15		

[Annexure -]

Total API score: (Category I: 71.5) + (Category II: 20) = 91.5

2014-15
For the period of 01.07.2014 to 30.06.2015

Part B: Academic Performance Indicators (API)

CATEGORY 1: TEACHING, LEARNING AND EVALUATION RELATED ACTIVITIES

(ia) Lectures, seminars, tutorials, practical, contact hours undertaken taken as percentage of lectures allocated.

Sl. No.	Course/paper	Level	Mode of teaching*	Class allotted as per schedule	% of classes taken as per documented record	API Score
01	B.Sc. Hons Paper-I	UG	L	40	38(95%)	49
02	B.Sc. Hons Paper-V	UG	P	148	148(100%)	
03	B.Sc. Hons Paper-III	UG	L	24	24(100%)	
04	B.Sc. Hons Paper-VI	UG	L	26	25(96%)	
05	B.Sc.Gen Paper-I	UG	L	24	22(92%)	
06	B.Sc. Gen Paper-II	UG	L	25	23(92%)	
07	B.Sc. Gen Paper-III(1 st Yr)	UG	P	72	72(100%)	
08	B.ScGen Paper-III(2 nd Yr)	UG	P	124	121(98%)	
Total [Annexure]				483	473 (98 %)	

#Lecture (L), Seminar(S), Tutorial (T), Practical (P), Contact Hours(C).

(ib) Lectures and other teaching duties in excess of UGC norms

Sl.No.	Courses/paper	Level	Mode of teaching	Class allotted as per schedule	% of classes taken as per documented record	API Score
1.	B.Sc. Hons, Elective Chemistry of NSOU at Kharagpur College Study Centre	UG	Practical & evaluation	12 classes (Eight hours each) in a Term End Examination (Certificate enclosed)	100% [Annexure]	10

(ii) Reading / Instructional material consulted and additional knowledge resources provided to students.

Sl.	Course/	Consulted	Prescribed	Additional	API
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No	Paper			Resource provided	Score
01.	B.Sc Chemistry Hons Part-I, Part-II& Part-III-Theory	1. Advanced Organic Chemistry (Organic Synthesis & Heterocyclic chemistry) by N. Tewari. Publisher : Books & Allied. 2. Advanced organic chemistry: reactions, mechanisms, and structure by Jerry March; Publisher : Wiley Interscience. 3. Elementary Organic Spectroscopy ; Principles And Chemical Applications by Y.R. Sharma . Publisher :S. Chand & Company Ltd 4. Organic Chemistry by Bruice ,Publisher : Pearsion Education 5. Organic Chemistry By I.L.Finar, ELBS Publications	1. Advanced Organic Chemistry (Organic Synthesis & Heterocyclic chemistry) by N. Tewari. Publisher : Books & Allied. 2. Advanced organic chemistry: reactions, mechanisms, and structure by Jerry March; Publisher : Wiley Interscience. 3. Elementary Organic Spectroscopy ; Principles And Chemical Applications by Y.R. Sharma . Publisher :S. Chand & Company Ltd	Special books with solved problems, Write up on specific topics (self prepared as well as downloaded from internet), solved problems on different chapters etc.	15
02.	B.Sc General Part-I &Part-II	1. Organic Chemistry by Subrata Sengupta Publisher : Book Syndicate Pvt. Ltd 2. Concise Inorganic Chemistry by J.D.Lee: ELBS Publications. 3. Theoretical Principles of Inorganic Chemistry, by G.S. Manku: Publisher; Tata McGraw Hill	1. Chemistry for degree students by R.L.Madan; Publisher :S.Chand Publications 2. S.Chand's success guide : Inorganic Chemistry by R.L.Madan, G.D. Tuli , Publisher :S.Chand Publications 3. Textbook on Organic Chemistry by Bahl & Bahl; Publisher :S.Chand Publications 4. Organic Chemistry by Subrata Sengupta Publisher : Book Syndicate Pvt. Ltd	Write up on specific topics.	
03.	B.Sc Chemistry Hons Part-I	1. Elementary Practical Organic Chemistry by Arthur. I. Vogel:	1. A manual of Practical Chemistry for Degree Classes,	Write ups regarding detection and	

	& Part-II, Practical Papers	Publisher : Longmans 2. An advanced Course in Practical Chemistry by Nad,Ghosal& Mahapatra : Published by: New Central Book Agency3..A manual of Practical Chemistry for Degree Classes, Vol I & II by R.C.Bhattacharyya Publisher :Amalendu Basu	Vol I & II by R.C.Bhattacharyya Publisher :Amalendu Basu 2. An advanced Course in Practical Chemistry by Nad,Ghosal& Mahapatra : Published by: New Central Book Agency	recording of analysis of different unknown organic samples.	
API score based on preparation and imparting of knowledge /instruction as per curriculum and syllabus enrichment by providing additional resources to students (Max. score:20)					15

(iii) Use of participatory and innovative teaching – learning methodologies: updating of subject

contact, course improvement etc.

- (a) Updating of Courses Curriculum Design 5 per course – Max 10
 (b) Participation Innovative- Interactive courses 5
 (c) Participn./ Innovative – Learning Modules 5 Max 10
 (d) Participn./Innovative – Case Studied prepared 5
 (e) Use of ICT or Computer-aided methods-ppt: 5
 (f) Use of ICT- Multi-media Simulation etc: 5 Max 10
 (g) Dev/Teaching Remedial /Bridge Courses 5each Max10
 (h) Dev/Teaching soft skill Communication /Personality Dev.: 5each Max 10
 (i) Special Programs in Phys Edn./Library: 5each Max 10
 (j) Innovative Composition /Creation in Music, Fine Arts, Perf Arts: 5each: Max 10
 (k) Organizing & cond. Of popul . Prog. /Teaching Web-based / E-Library/IT-asst teaching: workshop /Training – 10 points: Popularization program – 5 points

Sl. No.	Short Description (in terms of items) as listed above	API Score
1	(e) Study of Computer based molecular model, Use of Overhead projector for study of Stereochemistry of Organic compounds, Spectroscopy	5
	(Max API Score: 20) Total Score:	5

[**Annexure**

]

(iv) Examination duties Assigned and Performed

- (a) Invigil. - 10. Evalua.-5, Q.paper setting/Moderation-5; Max : 20 [100% compliance]
 (b) Internal/Continuous Assessment work as allotted – 10 [100% compliance]:
 (c) Exam Coordination Cell/outstation or Flying Squad: 10 [100%compliance]

Sl.No.	Type of Examination Duties	Duties Assigned	Extent to which carried out	API Score

			(%)	
01	Invigilation duty: Part I- 8, PartII-7 & Part III- 8 Total 23	B.A/B.Sc/B.Com (Hons. &Gen) Part I, Part II & Part III Exams of Vidyasagar University	100%	10
02	Evaluation of answerscripts	1. Evaluation of B.Sc Part-II Hons Practical Examination 2015 of V.U, Chemistry, Paper-V , held at Garhbeta College (As an external examiner) 2. Evaluation of B.Sc Part-II general Practical Examination 2015 of V.U, Chemistry, Paper-III , held at Kharagpur College (As an internal examiner) 3. Evaluation of B.Sc Part-I General Examination 2014 of V.U, Chemistry, Paper-I	100%	5
04	Paper setting	Paper setter of B.Sc Part-I Honours Examination 2015 of V.U, Chemistry, Paper-I-A (Old)	100%	5
03	Internal Assessment	Paper setting & evaluation of i)B.ScHons-Paper I,III,VI ii).B.Sc Gen- Paper I ,II	100%	10
	(Max API Score: 25)	[Annexure]		25

**CATEGORY II: CO-CURRICULAR, EXTENSION AND PROFESSIONAL DEVELOPMENT
RELATED ACTIVITIES.**

S.No	Type of activities	Average Hrs/week	API Score
(I) Extension, Co-curricular &field based Activities(5 points each)			
	a) Field Study/Ed Tours/ Placement: 5 each Max 10	--	--
	b) NSS/NCC/NSO etc: each activities 10 points Max 10	NSS Programme Officer, Unit II, Kharagpur College [Annexure]	10
	c) Student/Staff Sports Campus Publication etc: (dept. level 2points, Instn level 5 points)Max10	Participated in Student-Staff sports of Kharagpur College	5

	(Max API Score : 20)		15
(II) Contribution to Corporate Life and Management of the Institution		Yearly/Semester wise responsibilities	API Score
	a) Governance Responsibility (PG/IQAC/NAAC coordinator/Bursar/Warden etc.) Max 10		
	b) Academic/Administrative Committee like Admission /Campus Dev/ Library Comm: 5each Max 10	1. UGC sub-committee, 2.Seminar & Project sub-committee	5+5=10
	c) Conf Organization / Chair Secretary/ Treasure (I) International: 10 (II) National/Regional: 5 (III) Member: 1 each		
	(Max API Score : 15)		10
(III) Professional Development Activities			
	a) Member in Professional Committees (I) National 3 (II) State 2: Max 10		
	b) Participation in Conf./ Seminars, Without paper : 2 each Max : 10	National Level seminar on “Trends in Contemporary Indian Historical Studies: Crises and Transition” org by Mahadevananda Mahavidyalaya, Barrackpore in collaboration with WBCUTA on Dec 20,2014	02
	c)Short-term courses/ Training less than a week; 5 each Max 10		
	d)Membership Participation in State/ Central Bodies Committee: 5 each Max 10		
	e) Newspaper/ Magazine/ Radio- TV Programe (Not covered in Category III) 1 each Max. 10		
	(Max API Score : 15)		
	Total Score (I+II+III) (Max : 50)		27
	Minimum API Score required - 15		

[**Annexure**

]

Total API score: (Category I:104) + (Category II: 27) = 131

2015-2016
For the period of 01.07.2015 to 30.06.2016

Part B: Academic Performance Indicators (API)

CATEGORY I: TEACHING, LEARNING AND EVALUATION RELATED ACTIVITIES

(ia) Lectures, seminars, tutorials, practical, contact hours undertaken taken as percentage of lectures allocated.

Sl. No.	Course/paper	Level	Mode of teaching*	Class allotted as per schedule	% of classes taken as per documented record	API Score
01	B.Sc, Hons , Paper-I	UG	L	70	66(94%)	48.2
02	B.Sc, Hons , Paper-V	UG	P	153	150(98%)	
03	B.Sc, Hons , Paper-III	UG	L	25	23(92%)	
04	B.Sc, Hons , Paper-VI	UG	L	22	20(91%)	
05	B.Sc, Gen Paper-III(1st yr)	UG	P	135	132(98%)	
06	B.Sc, Gen (3 rd Yr)	UG	P	69	66(%)	
Total [Annexure]				474	457 (96.4%)	

#Lecture (L), Seminar(S), Tutorial (T), Practical (P), Contact Hours(C).

(ib) Lectures and other teaching duties in excess of UGC norms

Sl.No.	Courses/paper	Level	Mode of teaching	Class allotted as per schedule	% of classes taken as per documented record	API Score
1.	B.Sc. Hons, Elective Chemistry (NSOU) At Kharagpur College Study Centre	UG	Practical & evaluation	12 classes (Eight hours each) in a Term End Examination (Certificate enclosed)	100% [Annexure]	10

(ii) Reading / Instructional material consulted and additional knowledge resources provided to students.

Sl. No	Course/Paper	Consulted	Prescribed	Additional Resource provided	API Score
01.	B.Sc Chemistry Hons Part-I, Part-II & Part-III-Theory	1. Study Guide to Organic Chemistry by Morrison Boyd, Publisher : Prentice Hall 2. Organic Chemistry by Jonathan Clayden, Nick Greeves, Stuart Warren, Peter Wothers, Publisher : Oxford 3. Organic Chemistry by Bruice, Publisher : Pearson Education 4. Study guide & solution manual to accompany Organic Chemistry by Loudon & Stowell, Publisher: Oxford 5. Advanced organic chemistry: reactions, mechanisms, and structure by Jerry March, Publisher : Wiley Interscience 6. Problems & their solution in Organic Chemistry by I.L. Finar; Publisher: Orient Longman	1. Text Book of Complete Organic Chemistry by Y.R. Sharma 2. Study Guide to Organic Chemistry by Morrison Boyd, Publisher : Prentice Hall 3. Problems & their solution in Organic Chemistry by I.L. Finar; Publisher: Orient Longman 4. Advanced organic chemistry: reactions, mechanisms, and structure by Jerry March, Publisher : Wiley Interscience	Special books with solved problems, Write up on specific topics (self prepared as well as downloaded from internet), solved problems on different chapters etc.	15
02.	B.Sc General Part-I & Part-II	1. Organic Chemistry by I.L. Finar: ELBS publication 2. Inorganic Chemistry By R.L. Dutta Vol I & II. 3. Concise Inorganic Chemistry By J.D. Lee: ELBS publications	1. Organic Chemistry by Subrata Ghosh: Publisher : Book Syndicate Pvt. Ltd 2. Ajoiba Rasayan by Poddar & Ghosh : Publisher : Book Syndicate Pvt. Ltd 3. Chemistry for degree students by R.L. Madan Publisher : S. Chand Publications	Write up on specific topics & solution manuals 1. Prasannottare Snatak Rasayan by P.K. Gangopadhyay, G.K. Mukherjee & D.B. Dutta; Publisher : Book Syndicate Pvt. Ltd	

03.	B.Sc Chemistry Hons Part-I & Part-II, Practical Papers	1.Elementary Practical Organic Chemistry by Arthur. I. Vogel: Publisher : Longmans 2. An advanced Course in Practical Chemistry by Nad,Ghosal& Mahapatra : Published by: New Central Book Agency	Reference practical books 1.An advanced Course in Practical Chemistry by Nad, Ghosal& Mahapatra :Published by: New Central Book Agency. 3.A manual of Practical Chemistry for Degree Classes, Vol I & II by R.C.Bhattacharyya Publisher :Amalendu Basu	Write ups regarding detection and recording of analysis of different unknown organic samples.	
API score based on preparation and imparting of knowledge /instruction as per curriculum and syllabus enrichment by providing additional resources to students (Max. score:20)					15

(iii) Use of participatory and innovative teaching – learning methodologies: updating of subject

content, course improvement etc.

- (a) Updating of Courses Curriculum Design 5 per course – Max 10
 (b) Participation Innovative- Interactive courses 5
 (c) Participn./ Innovative – Learning Modules 5 Max 10
 (d) Participn./Innovative – Case Studied prepared 5
 (e) Use of ICT or Computer-aided methods-ppt: 5
 (f) Use of ICT- Multi-media Simulation etc: 5 Max 10
 (g) Dev/Teaching Remedial /Bridge Courses 5each Max10
 (h) Dev/Teaching soft skill Communication /Personality Dev.: 5each Max 10
 (i) Special Programs in Phys Edn./Library: 5each Max 10
 (j) Innovative Composition /Creation in Music, Fine Arts, Perf Arts: 5each: Max 10
 (k) Organizing & cond. Of popul . Prog. /Teaching Web-based / E-Library/IT-asst teaching: workshop /Training – 10 points: Popularization program – 5 points

Sl. No.	Short Description (in terms of items) as listed above	API Score
1	(e) Study of Computer based molecular model , Use of OHP for study of Stereochemistry of Organic compounds	5
	(Max API Score: 20) Total Score:	05

[**Annexure**

]

(iv) Examination duties Assigned and Performed

- (a) Invigil. - 10. Evalua.-5, Q.paper setting/Moderation-5; Max : 20 [100% compliance]
 (b) Internal/Continuous Assessment work as allotted – 10 [100% compliance]:
 (c) Exam Coordination Cell/outstation or Flying Squad: 10 [100%compliance]

Sl.No.	Type of Examination Duties	Duties Assigned	Extent to which carried out (%)	API Score
01	Invigilation duty: Part I-6, PartII-7 Part-III-7Total 21	B.A/B.Sc/B.Com (Hons. &Gen) Part I &Part II Exams of Vidyasagar University	100	10
02	Evaluation of answer scripts	1.Evaluation of B.Sc Part-I General Examination 2015 of V.U,Chemistry, Paper-I 2.Re evaluation of B.Sc Part-II Hons Practical Examination 2015 of V.U,Chemistry, Paper- V,at Tamralipta Mahavidyalaya [Annexure]	100%	5
03	Internal Assessment	Paper setting & evaluation of i)B.Sc Hons-Paper I,III,VI	100%	10
04	Outstation duties	Nil		
	(Max API Score: 25)			25

[**Annexure**]

CATEGORY II: CO-CURRICULAR, EXTENSION AND PROFESSIONAL DEVELOPMENT RELATED ACTIVITIES.

Sl.No.	Type of activities	Average Hrs/week	API Score
(I) Extension, Co-curricular &field based Activities(5 points each)			
	a) Field Study/Ed.Tours/ Placement: 5 each Max 10		-
	b) NSS/NCC/NSO etc: each activities 10 points Max 10		-

	c) Student/Staff Sports Campus Publication etc: (dept. level 2points, Instn level5points) Max10	1. Participated in Student-Staff sports in Kharagpur College (Institutional level)	5
	(Max API Score : 20)		5
(II) Contribution to Corporate Life and Management of the Institution		Yearly/ Semeste-rwise responsibilities	API Score
	a) Governance Responsibility (PG/IQAC/NAAC coordinator/Bursar/Warden etc.) Max 10		--
	b) Academic/Administrative Committee like Admission /Campus Dev/ Library Comm: 5each Max 10	1.UGC sub committee 2.Convenor: Excursion sub committee	5+5=10
	c) Conf Organization / Chair Secretary/ Treasure (I) International: 10 (II) National/Regional: 5 (III) Member: 1 each		--
	(Max API Score : 15)		10
(III Professional Development Activities			
	a) Member in Professional Committees (I) National 3 (II) State 2: Max 10		
	b) Participation in Conf./ Seminars, Without paper : 2 each Max : 10	A seminar on “Autonomy of Educational Institution: Legacy of Heritage and the Present Times” organised by West Bengal College & University Teachers Association held on 26 September, 2015	02
	c)Short-term courses/ Training less than a week; 5 each Max 10		
	d)Membership Participation in State/ Central Bodies Committee: 5 each Max 10		
	e) Newspaper/ Magazine/ Radio- TV Progr(Not covered in Category III) 1 each Max. 10		
	(Max API Score : 15)		
	Total Score (I+II+III) (Max : 50)		
	Minimum API Score required - 15		17

[Annexure

]

Total API score: (Category-I: 103.2) + (Category-II: 17) = 120.2

2016-2017
For the period of 01.07.2016 to 30.06.2017
Part B: Academic Performance Indicators (API)

CATEGORY I: TEACHING, LEARNING AND EVALUATION RELATED ACTIVITIES

(ia) Lectures, seminars, tutorials, practical, contact hours undertaken taken as percentage of lectures allocated.

Sl. No.	Course/paper	Level	Mode of teaching *	Class allotted as per schedule	% of classes taken as per documented record	API Score
01	B.Sc, Hons , Paper-I	UG	L	45	43(96%)	48.35
02	B.Sc, Hons , Paper-V	UG	P	69	69(100%)	
03	B.Sc, Hons , Paper-III	UG	L	24	22(92%)	
04	B.Sc, Hons , Paper-VI	UG	L	27	24(89%)	
05	B.ScHons Paper-VIII	UG	P	72	69(96%)	
05	B.Sc, Gen Paper-III (1st Yr)	UG	P	66	66(100%)	
06	B.Sc, Gen Paper-III (2 nd Yr)	UG	P	117	114(97%)	
07	B.Sc, Gen Paper-IVA (3 rd Yr)	UG	P	63	60 (95%)	
Total [Annexure]				483	467 (96.7%)	

#Lecture (L), Seminar(S), Tutorial (T), Practical (P), Contact Hours(C)

(ib) Lectures and other teaching duties in excess of UGC norms

Sl.No.	Courses/paper	Level	Mode of teaching	Class allotted as per schedule	% of classes taken as per documented record	API Score
1.	B.Sc. Hons, Elective Chemistry (NSOU) at Kharagpur College study Centre	UG	Practical & evaluation	12 classes (Eight hours each) in a Term End Examination (Certificate enclosed)	100% [Annexure]	10

(ii) Reading / Instructional material consulted and additional knowledge resources provided to students.

Sl. No	Course/Part	Consulted	Prescribed	Additional Resource provided	API Score
01.	B.Sc Chemistry Hons Part-I, Part-II & Part-III-Theory	1. Stereochemistry of Organic Compounds: Principles and Applications by D. Nasipuri, Publisher : New Age International 2. Advanced organic chemistry: reactions, mechanisms, and structure by Jerry March, Publisher : Wiley Interscience 3. Organic Chemistry by Loudon, Publisher : Oxford 4. Study Guide to Organic Chemistry by Morrison Boyd, Publisher : Prentice Hall 5. Stereochemistry of Carbon Compounds by Ernest L Eliel ; Published by Tata McGraw Hill 6. Organic Spectroscopy by William Kemp: Palgrave publications 7. Michigan State University: http://www2.chemistry.msu.edu/faculty/reusch/VirtTxtJml/Questions/problems.htm	Reference books 1. Stereochemistry of Organic Compounds: Principles and Applications by D. Nasipuri, Publisher : New Age Int. 2. Advanced organic chemistry: reactions, mechanisms, and structure by Jerry March, Publisher : Wiley Interscience 3. Reaction Mechanism in Organic Chemistry, by S.M. Mukherjee & S.P. Singh: Publisher: Macmillan 4. A guidebook of mechanism in Organic Chemistry by Peter Sykes: Orient Longman	Special books with solved problems, Write up on specific topics (self prepared as well as downloaded from internet), solved problems on different chapters etc. 1.. Study guide (Problems & Solutions) to Organic Chemistry By Morrison Boyd, Publisher: Prentice Hall 2. Problems & their solution in Organic Chemistry by I.L. Finar; Publisher: Orient Longman	15
02.	B.Sc General Part-I & Part-II	1. Organic Chemistry by Subrata Sengupta Publisher : Book Syndicate Pvt. Ltd 2. Concise Inorganic Chemistry by J.D. Lee: ELBS Publications. 3. Organic Chemistry by Pathak & Saha; Publisher: Books & Allied 4. Inorganic Chemistry by Huheey,	Reference books 1. Organic Chemistry by Subrata Sengupta: Publisher : Book Syndicate Pvt. Ltd 2. Ajoiba Rasayan by Poddar & Ghosh : Publisher : Book Syndicate Pvt. Ltd 3. Chemistry for degree students by R.L. Madan; S. Chand	Write up on specific topics & solution manuals 1. Prasanna Sengupta Rasayan by P.K. Gangopadhyay, G.K. Mukherjee & D.B. Dutta; Publisher : Book Syndicate Pvt. Ltd	

		Keiter&Keiter,	Publications		
03.	B.Sc Chemistry Hons Part-I & Part-II, Practical Papers	1. Elementary Practical Organic Chemistry by Arthur.I.Vogel: Publisher : Longmans 2. Practical Organic Chemistry by S.C.Das 3. Vogel's textbook of practical organic chemistry by <u>Arthur Israel Vogel, B. S. Furniss</u> : Longmans	Reference practical books 1Elementary Practical Organic Chemistry by Arthur. I. Vogel: Publisher : Longmans 2.An advanced Course in Practical Chemistry by Nad,Ghosal&Mahapatra : Published by: New Central Book Agency	Write ups regarding detection and recording of analysis of different unknown organic samples.	
API score based on preparation and imparting of knowledge /instruction as per curriculum and syllabus enrichment by providing additional resources to students (Max. score:20)					15

(iii) Use of participatory and innovative teaching – learning methodologies: updating of subject

contact, course improvement etc.

- (a) Updating of Courses Curriculum Design 5 per course – Max 10
 (b) Participation Innovative- Interactive courses 5
 (c) Participn./ Innovative – Learning Modules 5 Max 10
 (d) Participn./Innovative – Case Studied prepared 5
 (e) Use of ICT or Computer-aided methods-ppt: 5
 (f) Use of ICT- Multi-media Simulation etc: 5 Max 10
 (g) Dev/Teaching Remedial /Bridge Courses 5each Max10
 (h) Dev/Teaching soft skill Communication /Personality Dev.: 5each Max 10
 (i) Special Programs in PhysEdn./Library: 5each Max 10
 (j) Innovative Composition /Creation in Music, Fine Arts, Perf Arts: 5each: Max 10
 (k) Organizing & cond. Of popul .Prog. /Teaching Web-based / E-Library/IT-asst teaching: workshop /Training – 10 points: Popularization program – 5 points

Sl. No.	Short Description (in terms of items) as listed above	API Score
1	(e) Use of LCD Projector in classroom teaching for study of computer based molecular models (3dimensional modes of structure & bonding of compounds), Hybridisation	5
	(Max API Score: 20) Total Score:	5

[**Annexure**

]

(iv) Examination duties Assigned and Performed

- (a) Invigil. - 10. Evalua.-5, Q.paper setting/Moderation-5; Max : 20 [100% compliance]
 (b) Internal/Continuous Assessment work as allotted – 10 [100% compliance]:
 (c) Exam Coordination Cell/outstation or Flying Squad: 10 [100%compliance]

Sl.No.	Type of Examination Duties	Duties Assigned	Extent to which carried out (%)	API Score
01	Invigilation duty: Part I-8, PartII-9 Total 17	B.A/B.Sc/B.Com (Hons. &Gen) Part I & Part II Exams of Vidyasagar University	100	10
02	Evaluation of answer scripts	1. B.Sc Part-I Hons Examination 2016 of V.U,Chemistry, Paper-I 2. B.Sc Part-II Hons Practical Examination 2016 of V.U,Chemistry, Paper-V , held at Kharagpur College Centre (As an internal examiner) 3. B.Sc Part-III Hons Practical Examination 2017 of V.U,Chemistry, Paper-VIII , held at Jhargram Raj College (As an external examiner) 4. Scrutinee of B.Sc Part-III Hons Practical Examination 2017 of V.U,Chemistry, Paper-VIII , at Raja N.L.KhanWomens' College. 5. B.Sc Part-II Hons Practical Examination 2017 of V.U,Chemistry, Paper-V , held at Kharagpur College Centre (As an internal examiner) [Annexure]	100%	5
03	Internal Assessment	Paper setting & evaluation of i)B.ScHons-Paper I,III,VI	100%	10
	(Max API Score: 25)			25

[**Annexure**]

CATEGORY II: CO-CURRICULAR, EXTENSION AND PROFESSIONAL DEVELOPMENT RELATED ACTIVITIES.

Sl.No.	Type of activities	Average Hrs/week	API Score
(I) Extension, Co-curricular & field-based Activities (5 points each)			
	a) Field Study/Ed.Tours/ Placement: 5 each Max 10		
	b) NSS/NCC/NSO etc: each activities 10 points Max 10		
	c) Student/Staff Sports Campus Publication etc: (dept. level 2points, Instn level 5 points) Max10	1 Participated in Student-Staff sports of Kharagpur College	5
	(Max API Score : 20)		05
(II) Contribution to Corporate Life and Management of the Institution		Yearly/Semester wise responsibilities	API Score
	a) Governance Responsibility (PG/IQAC/NAAC coordinator/Bursar/Warden etc.) Max 10		
	b) Academic/Administrative Committee like Admission /Campus Dev/ Library Comm: 5each Max 10	1. UGC sub-committee, 2. Convenor: Routine sub-committee 3.Member , IQAC	5+5=10
	c) Conf Organization / Chair Secretary/ Treasure (I) International: 10 (II) National/Regional: 5 (III) Member: 1 each		
	(Max API Score : 15)		10
(III) Professional Development Activities			
	a) Member in Professional Committees (I) National 3 (II) State 2: Max 10		
	b) Participation in Conf./ Seminars, Without paper : 2 each Max : 10		
	c) Short-term courses/ Training less than a week; 5 each Max 10		
	d) Membership Participation in State/ Central Bodies Committee: 5 each Max 10		
	e) Newspaper/ Magazine/ Radio- TV Progr(Not covered in Category III) 1 each Max. 10		
	(Max API Score : 15)		
	Total Score (I+II+III) (Max : 50)		15
	Minimum API Score required - 15		

[Annexure]

Total API score: (Category I: 103.35) + (Category II : 15) = 118.35

Session 2017-18
Part B: Academic Performance Indicators (API)
For the period 01.07.2017 to 06.12.2017

CATEGORY 1: TEACHING, LEARNING AND EVALUATION RELATED ACTIVITIES

(ia) Lectures, seminars, tutorials, practical, contact hours undertaken taken as percentage of lectures allocated.

Sl. No.	Course/paper	Level	Mode of teaching*	Class allotted as per schedule	% of classes taken as per documented record	API Score
01	B.Sc, Hons CBCS, Paper-CC I	UG	L	18	16(88%)	47.1
02	B.Sc, Hons CBCS, Paper- C3P	UG	P	60	57(95%)	
03	B.Sc, Hons , Paper-V	UG	P	33	33(100%)	
04	B.Sc, Hons , Paper-III	UG	L	12	10(84%)	
05	B.Sc, Hons, Paper-VI	UG	L	11	11(100%)	
06	B.Sc Hons Paper-VIII	UG	P	30	27(90%)	
07	B.Sc, Gen Paper-III(2 nd yr)	UG	P	63	60(95%)	
Total [Annexure]				227	214 (94.2)	

#Lecture (L), Seminar(S), Tutorial (T), Practical (P), Contact Hours(C).

(ib) Lectures and other teaching duties in excess of UGC norms

Sl.No.	Courses/paper	Level	Mode of teaching	Class allotted as per schedule	% of classes taken as per documented record	API Score
1.	B.Sc. Hons, Elective Chemistry (NSOU) at Kharagpur College study Centre	UG	Practical & evaluation	12 classes (Eight hours each) in a Term End Examination (Certificate enclosed)	100% [Annexure]	10

(ii) Reading / Instructional material consulted and additional knowledge resources provided to

students.

Sl. No	Course/Part	Consulted	Prescribed	Additional Resource provided	API Score
01.	B.Sc Chemistry Hons CBCS SEM 1 Part-II & Part-III-Theory	1. Study Guide to Organic Chemistry by Morrison Boyd, Publisher : Prentice Hall 2. Organic Chemistry by Jonathan Clayden, Nick Greeves, Stuart Warren, Peter Wothers, Publisher : Oxford 3. Organic Chemistry by Bruice, Publisher : Pearson Education 4. Study guide & solution manual to accompany Organic Chemistry by Loudon & Stowell, Publisher: Oxford 5. Advanced organic chemistry: reactions, mechanisms, and structure by Jerry March, Publisher : Wiley Interscience 6. Problems & their solution in Organic Chemistry by I.L. Finar; Publisher: Orient Longman	1. Text Book of Complete Organic Chemistry by Y.R. Sharma 2. Study Guide to Organic Chemistry by Morrison Boyd, Publisher : Prentice Hall 3. Problems & their solution in Organic Chemistry by I.L. Finar; Publisher: Orient Longman 4. Advanced organic chemistry: reactions, mechanisms, and structure by Jerry March, Publisher : Wiley Interscience	Special books with solved problems, Write up on specific topics (self-prepared as well as downloaded from internet), solved problems on different chapters etc.	10
02.	B.Sc General Part-I & Part-II	1. Organic Chemistry by I.L. Finar: ELBS publication 2. Inorganic Chemistry By R.L. Dutta Vol I & II. 3. Concise Inorganic Chemistry By J.D. Lee: ELBS publications	1. Organic Chemistry by Subrata Ghosh: Publisher : Book Syndicate Pvt. Ltd 2. Ajoiba Rasayan by Poddar & Ghosh : Publisher : Book Syndicate Pvt. Ltd 3. Chemistry for degree students by R.L. Madan Publisher : S. Chand Publications	Write up on specific topics & solution manuals 1. Prasannottare Snatak Rasayan by P.K. Gangopadhyay, G.K. Mukherjee & D.B. Dutta; Publisher : Book Syndicate Pvt. Ltd	

03.	B.Sc Chemistry Hons Part-I & Part-II, Practical Papers	1.Elementary Practical Organic Chemistry by Arthur. I. Vogel: Publisher : Longmans 2. An advanced Course in Practical Chemistry by Nad,Ghosal& Mahapatra : Published by: New Central Book Agency	Reference practical books 1. An advanced Course in Practical Chemistry by Nad, Ghosal & Mahapatra :Published by: New Central Book Agency. 3.A manual of Practical Chemistry for Degree Classes, Vol I & II by R.C.Bhattacharyya Publisher :AmalenduBasu	Write ups regarding detection and recording of analysis of different unknown organic samples.	
API score based on preparation and imparting of knowledge /instruction as per curriculum and syllabus enrichment by providing additional resources to students (Max. score:20)					10

(iii) Use of participatory and innovative teaching – learning methodologies: updating of subject

contact, course improvement etc.

- (a) Updating of Courses Curriculum Design 5 per course – Max 10
 (b) Participation Innovative- Interactive courses 5
 (c) Participn./ Innovative – Learning Modules 5 Max 10
 (d) Participn./Innovative – Case Studied prepared 5
 (e) Use of ICT or Computer-aided methods-ppt: 5
 (f) Use of ICT- Multi-media Simulation etc: 5 Max 10
 (g) Dev/Teaching Remedial /Bridge Courses 5each Max10
 (h) Dev/Teaching soft skill Communication /Personality Dev.: 5each Max 10
 (i) Special Programs in Phys Edn./Library: 5each Max 10
 (j) Innovative Composition /Creation in Music, Fine Arts, Perf Arts: 5each: Max 10
 (k) Organizing & cond. Of popul . Prog. /Teaching Web-based / E-Library/IT-asst teaching: workshop /Training – 10 points: Popularization program – 5 points

Sl. No.	Short Description (in terms of items) as listed above	API Score
1	(e) Study of Computer based molecular models, Use of Overhead projector, LCD Projector(PowerPoint presentation) for study of Stereochemistry of Organic compounds	5
	(Max API Score: 20) Total Score:	5

[Annexure]

(iv) Examination duties Assigned and Performed

- (a) Invigil. - 10. Evalua.-5, Q.paper setting/Moderation-5; Max : 20 [100% compliance]
 (b) Internal/Continuous Assessment work as allotted – 10 [100% compliance]:
 (c) Exam Coordination Cell/outstation or Flying Squad: 10 [100%compliance]

Sl.No.	Type of Examination Duties	Duties Assigned	Extent to which carried out (%)	API Score
01	Invigilation duty	BA/BSc/BcomHons. & Gen Part I, Part II examinations Part-I 8, Part-II-7: Total 15	100	10
02	Evaluation of answer scripts	Evaluation of answer scripts of B.Sc Part-I Hons (Chemistry) 2017, Paper-I-A (Theory) [Annexure]	100	05
03	Internal Assessment	Paper setting, invigilation and Evaluation of Internal assessments of i) Paper C1T (B.Sc CBCS ,1st Sem), ii) Paper III & VI of B.Sc Hons (3 Tier system)	100	10
04	Examination Coordinator	Nil	N.A	Nil
	(Max API Score: 25)			25

[Annexure]

CATEGORY 2: CO-CURRICULAR, EXTENSION AND PROFESSIONAL DEVELOPMENT RELATED ACTIVITIES.

Sl.No.	Type of activities	Average Hrs/week	API Score
(I) Extension, Co-curricular & field based Activities(5 points each)			
	a) Field Study/Ed.Tours/ Placement: 5 each Max 10	--	--
	b) NSS/NCC/NSO etc: each activities 10 points	--	--

	Max 10		
	c) Student/Staff Sports Campus Publication etc: (dept. level 2points, Instn level 5 points) Max10	--	--
	(Max API Score : 20)		
(II) Contribution to Corporate Life and Management of the Institution		Yearly/Semester wise responsibilities	API Score
	a) Governance Responsibility PG/IQAC IQAC/NAACcoordinator/Bursar/Warden etc.) Max 10		
	b)Academic/Administrative Committee like Admission /Campus Dev/ Library Comm: 5each Max 10	1.Member ,campus development and beautification sub- committee 2.Member , IQAC	5+5=10
	c)Conf Organization / Chair Secretary/ Treasure (I) International: 10 (II) National/Regional: 5 (III) Member: 1 each		
	(Max API Score : 15)		
(III) Professional Development Activities			
	a) Member in Professional Committees (I) National 3 (II) State 2: Max 10		
	b) Participation in Conf./ Seminars, Without paper : 2 each Max : 10		
	c)Short-term courses/ Training less than a week; 5 each Max 10		
	d)Membership Participation in State/ Central Bodies Committee: 5 each Max 10		
	e) Newspaper/ Magazine/ Radio- TV Progr(Not covered in Category III) 1 each Max. 10		
	(Max API Score : 15)		
	Total Score (I+II+III) (Max : 50)		10

[Annexure

]

Total API score: (Category I: 97.1) + (Category II:10) = 107.1

2017-18

Part B: Academic Performance Indicators (API)

For the period of 07.12.2017- 30.06.2018

**CATEGORY 1: TEACHING, LEARNING AND EVALUATION
RELATED ACTIVITIES**

(a) Direct teaching (16/14) hours per week as applicable including Lectures, Tutorials, practicals, Project Supervision and Field work.

Sl. No.	Course/paper	Level	Mode of teaching*	Actual hours spent per Academic Year	Actual Score (Actual hours spent per Academic Year ÷ 7.5 for Assistant Prof. & 7.75 for Associate Prof)	API Score
01	B.Sc, Hons CBCS, C4T	UG	L	11.25	1.5	27
02	B.Sc, Hons CBCS, Paper- C4P	UG	P	58.5	7.8	
03	B.Sc Gen ,Paper I	UG	L	8.25	1.1	
04	B.Sc, Hons , Paper-III	UG	L	09	1.2	
05	B.Sc, Hons , Paper-V	UG	P	31.5	4.2	
06	B.Sc, Gen Paper-III(2 nd yr)	UG	P	54	7.2	
07	B.Sc, Hons, Paper-VI	UG	L	7.5	1	
08	B.Sc Hons Paper-VIII	UG	P	22.5	3	
Total				202.5 hrs		
[Annexure]						

Maximum API Score :	
i) Assistant Professor Stage I : 70	
ii) Assistant Professor Stage II : 70	
iii) Assistant Professor Stage III : 70	

* Lectures, Tutorials , Practical, Project Supervision and Field Work

- Workload as per UGC Regulations 2016 :

	Direct Teaching Hours per week
Assistant Professor	16

Associate Professor	14
---------------------	----

(b) Examination duties (question paper setting, evaluation of answer scripts, Invigilation) as per allotment

Sl. No.	Type of Examination Duties	Actual hour spent per Academic Year	Actual Score (Actual hours spent per Academic Year ÷ 10 for all Teachers)	API Score
1	Paper Setting	08	0.8	29.84
2	Evaluation	39.9	3.99	
3	Invigilation	117.5(Direct invigilation and Practical exam conduction) + 133(Conduction of BA/B.Sc/B.Com Part-II 2018) [Annexure]	25.05	
Maximum score				20.00
Maximum API Score :				
i) Assistant Professor Stage I : 20				
ii) Assistant Professor Stage II : 20				
iii) Assistant Professor Stage III : 20				

(c) Innovative teaching- learning methodologies; updating of subject content/ course, mentoring etc.

- (a) Updating of Courses/Curriculum Design:
- (b) Participation/Innovative – Interactive courses:
- (c) Participn./Innovative – Learning Modules
- (d) Participn./Innovative – Case Studies prepared:
- (e) Use of ICT or Computer-aided methods – ppt:
- (f) Use of ICT – Multi-media/Simulation etc:
- (g) Dev/Teaching Remedial/Bridge Courses:
- (h) Dev/Teaching Soft skill/Communication/Personality dev:
- (i) Special Programs in Phys. Edn./Library:
- (j) Innovative Composition/Creation in Music, Fine Arts, Perf Arts:
- (k) Organizing & cond. of popular Prog. /Teaching Web-based/E-Library/IT-asst teaching:

Sl.No	Short Description (in terms of items) as listed above	Actual hour Spent per Academic Year	Actual Score (Actual hour Spent per Academic Year ÷ 10)	API Score
	e)Computer-aided methods – ppt	10	01	01

	[Annexure]			
	Maximum API Score : i) Assistant Professor Stage I : 10 ii) Assistant Professor Stage II : 10 iii) Assistant Professor Stage III :10			

Total 27+20+01 = 48

In consonance with established academic and teaching traditions, and with a view to reinforcing a student-centric and caring approach the teachers are encouraged to work with students, beyond the structure of classroom teaching. Indicatively, this could entail mentoring, guiding and counseling students. In particular teachers would be the best placed to identify and address the needs of students who may be differently abled, or require assistance to improve their academic performance, or to overcome a disadvantage. There are no prescribed hours for such efforts, measured either in weeks or months, or in the context and calculation of the API scores, these are nevertheless important and significant activities that could be carried out by teachers

Minimum API Score required for promotion under CAS for CATEGORY I
(to be assessed yearly):

i)	Stage I to II	80/ Year
ii)	Stage II to III	80/Year
iii)	Stage III to IV	75/Year

CATEGORY II
CO-CURRICULAR, EXTENSION AND PROFESSIONAL DEVELOPMENT RELATED
ACTIVITY

SL. No.	Type of Activity	Actual hours spent per Academic Year	Actual Score(Actual hours spent per Academic Year÷10)*	API Score
(a)	Students related Extension, Co-curricular &field based Activities			
	i) Discipline related co-curricular activities (e.g. remedial classes, career counseling study visit, student seminar and other events.)	Activities in Career counselling cell [05hrs]	0.5	2.1
	ii) Other co-curricular activates (Cultural, Sports, NSS, NCC etc.)	1.Participation in different events in Annual athletic meet of the college [05 hrs] and Friendly cricket match among Students-Teachers and Non-Teaching staff of the college[06hrs] 2. Organized College excursion as Secretary of Teachers’ Council [05hrs]	1.6	
	iii) Extension and dissemination activities (public/popular lectures/talks/seminars			
	(Max API Score : 15)			
(b)	Contribution to corporate life and management of the sports units and institution through participation in through participation in responsibilities (including as Principal/ Director responsibilities (including as Principal/ Director that require regular office hrs for its discharge)			
	i)) Administrative Responsibility (including Dean/Principal/Chairpers on/Convener/Teacher - in-charge/ similar other duties that require regular Office hours for its discharge			11.2
	iii)Participation in Board of Studies, Academic, and Administrative committee	Active engagement in 1. Preparing Routine of the college (convener of the Routine sub-committee) [20hrs] 2. Preparing and updating of college prospectus and website [20hrs] 3. Admission through online counseling process (selection of software, checking, monitoring & verifying data, help desk, verification of documents of the admitted students [30 hrs] Time spent in the following committees 4. Performed duties related to works of UGC & Other grants of the college [15hrs] 5. Executed paper works related to preparing and	11.2	

		maintaining Service books, Leave accounts & Pay fixation of the teachers of the college [10hrs] 6. P.F related works [04hrs] 7. Being the convener of Project & Seminar subcommittee performed works related to seminar related activities of different departments [05hrs] 08. Library subcommittee [08hrs]		
	(Max API Score : 15)			
(c)	Professional Development activities (such as participation in seminars activities (such as participation in seminars talks, lectures in refresher / faculty development courses, membership of associations, dissemination and general articles and any other Contribution			
	Participation in Seminar	1. One day College level seminar on “Recent Trends in Student Politics in The Prevailing Political Set Up In India: Problems & Prospects” organised by Department of Political Science, Kharagpur College on 08.02.2018 [04hrs] 2.Science Academies’ Three Days Lecture workshop on " Recent Advancements & Achivements in Chemical Sciences” held at Department of Chemistry, Jhargram Raj College during 14 February to 16 February 2018 [18hrs]	2.2	2.2
	(Max API Score : 15)			
	*For all categories of Teachers (Assistant/Associate) Total Score (a + b +c) (Max : 45)	2.1+11.2+2.2 = 15.5		15.5

[Annexure]

2018-19

For the period of 01.07.2018 to 08.04.2019

Part B: Academic Performance Indicators (API)

**CATEGORY 1: TEACHING, LEARNING AND EVALUATION
RELATED ACTIVITIES**

(c) Direct teaching (16/14) hours per week as applicable including Lectures, Tutorials, practicals, Project Supervision and Field work.

Sl. No	Course/paper	Level	Mode of teaching *	Actual hours spent per Academic Year	Actual Score (Actual hours spent per Academic Year ÷ 7.5 for Assistant Prof. & 7.75 for Associate Prof.)	API Score
01	B.Sc, Hons CBCS (Sem- I) C1T	UG	L	12	1.6	50.2
02	B.Sc, Hons CBCS (Sem- I) C1P	UG	P	39	5.2	
03	B.Sc, Hons CBCS (Sem- III) C7T	UG	L	12	1.6	
04	B.Sc, Hons CBCS (Sem- III) C7P	UG	P	52	6.9	
05	B.Sc, Hons CBCS (Sem- III) SEC1T	UG	L	11	1.5	
06	B.Sc, Hons CBCS (Sem- III) SEC1P	UG	P	36	4.8	
07	B.Sc, Hons CBCS (Sem- II) C4T	UG	L	9	1.2	
08	B.Sc, Hons CBCS (Sem- II) C4P	UG	P	51	6.8	
09	B.Sc, Hons CBCS (Sem- IV) C10T	UG	L	20	2.7	
10	B.Sc, Hons CBCS (Sem- IV) C10P	UG	P	36	4.8	
11	B.Sc, Hons (3Tier), Paper-VI	UG	L	32	4.3	
12	B.Sc, Hons (3Tier), Paper-VIII	UG	P	66	8.8	
Total				376		
[Annexure]						

	Maximum API Score : iii) Assistant Professor Stage I : 70 iv) Assistant Professor Stage II : 70 iii) Assistant Professor Stage III : 70
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* Lectures, Tutorials , Practical, Project Supervision and Field Work
• Workload as per UGC Regulations 2016 :

	Direct Teaching Hours per week
Assistant Professor	16
Associate Professor	14

(d) Examination duties (question paper setting, evaluation of answer scripts, Invigilation) as per allotment

Sl. No.	Type of Examination Duties	Actual hour spent per Academic Year	Actual Score (Actual hours spent per Academic Year ÷ 10 for all Teachers)	API Score
1	Paper Setting	Nil	----	27.24
2	Evaluation	88.9	8.89	
3	Invigilation	116.5 (Direct invigilation and Practical exam conduction) + 67 (Conduction of BA/B.Sc/B.Com Part-II 2018)	11.65+6.7	
	Maximum score			20.00
	Maximum API Score :			
	i) Assistant Professor Stage I : 20			
	ii) Assistant Professor Stage II : 20			
	iii) Assistant Professor Stage III : 20			
	[Annexure]			

(d) Innovative teaching- learning methodologies; updating of subject content/ course, mentoring etc.

- (a) Updating of Courses/Curriculum Design:
- (b) Participation/Innovative – Interactive courses:
- (c) Participn./Innovative – Learning Modules
- (d) Participn./Innovative – Case Studies prepared:
- (e) Use of ICT or Computer-aided methods – ppt:
- (f) Use of ICT – Multi-media/Simulation etc:
- (g) Dev/Teaching Remedial/Bridge Courses:
- (h) Dev/Teaching Soft skill/Communication/Personality Dev:
- (i) Special Programs in Phys. Edn./Library:
- (j) Innovative Composition/Creation in Music, Fine Arts, Perf Arts:
- (k) Organizing & cond. of popular Prog. /Teaching Web-based/E-Library/IT-assst teaching:

Sl.No	Short Description (in terms of items) as listed above	Actual hour Spent per Academic Year	Actual Score (Actual hour Spent per Academic Year ÷ 10)	API Score
	e) Computer-aided methods – ppt	30 Hrs	03	03

	[Annexure]			
	Maximum API Score : 1. Assistant Professor Stage I : 10 2. Assistant Professor Stage II : 10 3. Assistant Professor Stage III : 10			

$$\text{Total} = 50.2 + 20 + 3 = \mathbf{73.2}$$

In consonance with established academic and teaching traditions, and with a view to reinforcing a student-centric and caring approach the teachers are encouraged to work with students, beyond the structure of classroom teaching. Indicatively, this could entail mentoring, guiding and counseling students. In particular teachers would be the best placed to identify and address the needs of students who may be differently abled, or require assistance to improve their academic performance, or to overcome a disadvantage. There are no prescribed hours for such efforts, measured either in weeks or months, or in the context and calculation of the API scores, these are nevertheless important and significant activities that could be carried out by teachers.

Minimum API Score required for promotion under CAS for CATEGORY I
(to be assessed yearly):

i)	Stage I to II	80/ Year
ii)	Stage II to III	80/Year
iii)	Stage III to IV	75/Year

CATEGORY II: CO-CURRICULAR, EXTENSION AND PROFESSIONAL DEVELOPMENT RELATED ACTIVITY

SL. No.	Type of Activity	Actual hours spent per Academic Year	Actual Score (Actual hours spent per Academic Year ÷ 10)*	API Score
(a)	Students related Extension, Co-curricular & field based Activities			
	i) Discipline related co-curricular activities (e.g. remedial classes, career counseling study visit, student seminar and other events.)	Member of Career counselling cell [10 hrs]	01	

	ii) Other co-curricular activates (Cultural, Sports, NSS, NCC etc.)	1.Participation in i) different events in the Annual Athletic meet of the College [05hrs] ii) Student-Teacher-Non Teaching staff friendly cricket match [04hrs] 2. Foundation day celebration on 29 Aug 2018 (Preparation of List of all the award winning and prize recipient students in different fields of sports, Cultural and Academic areas. [20hrs] 3. Rectification of the contents of the college website [13hrs]	4.2	5.2
	iii) Extension and dissemination activities (public/popular lectures/talks/seminars)			
	(Max API Score: 15)			
(b)	Contribution to corporate life and management of the sports units and institution through participation in through participation in responsibilities including as Principal/ Director responsibilities (including as Principal/ Director that require regular office hrs for its discharge)			
	i)) Administrative Responsibility (including Dean/Principal/Chair person/Convener/Teacher - in-charge/ similar other duties that require regular Office hours for its discharge			13
	iii)Participation in Board of Studies, Academic, and Administrative committee	1. Performed duties related to works of UGC & Other grants of the college [20hrs] 2. Executed paper works related to preparing and maintaining Service books, Leave accounts & Pay fixation of the teachers of the college [30hrs] 3. P.F related works [10hrs] 4. As a member of IQAC attending meetings and performed other works assigned [20hrs] 5. Being the convener of Project & Seminar subcommittee performed works related to preparing and screening of seminar proposals and other seminar related activities of different departments [20hrs] 6. Admission through online counseling process (selection of software, checking, monitoring & verifying data, help desk, verification of documents of the admitted students [30 hrs]	13	

	(Max API Score : 15)			
(c)	Professional Development activities (such as participation in seminars activities (such as participation in seminars talks, lectures in refresher / faculty development courses, membership of associations, dissemination and general articles and any other Contribution			
	Participation in Seminar	1. National Seminar on “Higher education in India: Contemporary Issues- Tasks Ahead” organised by West Bengal College & University Teachers Association on 6 October,2018	04	0.95
		2. A one day workshop entitled “Towards Smart materials: An Interdisciplinary Approach” organised by the Department of Chemistry, IIT Kharagpur on 19 March 2019	5.5	
	(Max API Score : 15)			
	*For all categories of Teachers (Assistant/Associate) Total Score (a + b +c) (Max : 45)			19.15

[Annexure]

CATEGORY- III
RESEARCH AND ACADEMIC CONTRIBUTIONS

Assessment period : 09.04.2014 to 08.04.2019

From 09.04.2014 to 06.12.2017

&

From 07.12.2017 to 08.04.2019

CATEGORY- III : RESEARCH AND ACADEMIC CONTRIBUTIONS

[For the period 09.04.2014 to 06.12.2017]

A) (i) Published Paper in Journals: NIL

API Score – Category 1 -Refereed – 15/publication

Category 2 – Non-Refereed – 10 / publication

Sl.No.	Title with page no.	Journal	ISSN/ISBN No	Whether peer reviewed Impact factor , if any	No. of Co-author	Whether you are the main author	API score
1			N.A				

A) (ii) Public Displays/ Exhibitions/ Performances with or without outputs in CD/DVD/Online/E-form/E-book [for Art/Music College]

API Score – Category 1 – 15

Category 2 – 10

Sl. No .	Title of Show/ Exhibition/ Performance with or without CD/DVD/Tape /Online/E-form/E-book version or Brochures	Company/ Agency/ Instt Name (Including TV/Radio etc)	Categorization I. International 15 each/ II. National 10 each (Venues/event/gallery/studio/museum s)	Whether reviewed/Impact factor(Reproting/C overage/Reviews/H its/sales/citation/Co mmentdations/etc)	No of Co-performer or Co-authors (10 each)	Whether you are the Solo artist/ performer (15 each)	API Score
			N.A				

B(i) Articles/Chapters Published in Books : NIL

API Score (Per Art/Chap) Category 1: International Publisher – 10

Category 2 : National / State/ Central/ Societies Publisher – 5

Category 3 : Subject books by other/ Local Publisher – 3

Category 4 : Chapters in Knowledge – based volumes – 5

Sl. No.	Title with page no.	Book title, editor & publisher	ISSN/ISBN No. (or Renowned publishers)	Whether peer reviewed.	No. of Co-author	Whether you are the main author	API Score
Total			N.A				

ii) Full papers in Conference Proceedings: 04

Conf. proceedings as full paper:

1.International Conference - 10/publication

2. National -7.5/each

3. Regional/State level – 5/each

4. Local- Univ./College level – 3/each

Sl.No.	Title with page no.	Details of Conference Publication	ISSN/ ISBN No	No of Co author	Whether you are the main author	API Score
01	“Biodegradable Polymers in the 21 st Century: Properties & Applications.(Page No:111-130);	“Environment Friendly Biodegradable Polymer: Present & Future” (UGC Sponsored National seminar) Editor: Dr.B.C.Samanta & Dr.T .Maity: Publisher: Mallik Book Centre	(ISBN: 978-81-926694-03) [Annexure]	Nil	Sole author	7.5
02	“ArsenicPoisoning: A threatening Challenge to Civilisation: Occurrence, Health Hazards & Remediation” (Page:244-267)	“Fluorosis & Arsenicosis: A Global Problem”(UGC Sponsored National seminar) Editor: Dr.B.C.Samanta & Dr.T .Maity: Publisher: NECTAR	(ISBN: 978-93-84241-08-7) [Annexure]	Nil	Sole author	7.5
03	“Bacterial Exopolysaccharides & Their Applications(Page: 74-80)	“Chemistry Today: Nano World to Macro World”(UGC Sponsored National seminar) Editor: B.Mandal,J.Chandra,S. K.Roy & S.Dalui Published by: Sonamukhi College,Bankura	(ISBN: 978-81-930138-2-3) [Annexure]	Nil	Sole author	7.5
04	“Pectins: Structurally Versatile Polysaccharides With Immense Biological Activities”: (Page No: 133-138);	“Recent Trends in Research in Chemical Sciences” (UGC Sponsored National seminar) Editor: Dr.K.Ghosh & Dr.I.Chakraborty: Publisher: Ghatal R.S.Mahavidyalaya	(ISBN:978-935267-187-8) [Annexure]	Nil	Sole author	7.5
Total	30.00					

iii) Books published as single or as editor : NIL

API Score- Category 1 Text/Reference Books by International Publisher – 50

Category 2 Text / Reference Books by National /Soc/Univ Publ – 25

Category 3 Subject Books by Other / Local Recognized Publ –15

Sl.No.	Title with page no.	Type of Book& authorship	Publisher & ISSN/ISBN No. (i. International ii.National iii.Regional)	Whether peer reviewed	No. of Co-author	Whether you are the main author	API score
			N.A				

iv) Solo Performance/Examination as an Artist on invitation : NIL

API Score – Cat. I/International-50

Cat.II/National –25

Cat.III/Regional –15

Sl.No.	Title of programme/Exhibition with details of venue	Organized or Sponsored by institution/company/ Agency, Incl.AIR/TV etc.	Categorization- (I)International (II) National (III) Regional	Whether peer reviewed /Impact	No. of Co-artists or Performance	Whether you are the Solo artist/ performer	API Score
			N.A				
			N.A				

C) Ongoing and Completed Research Project and Consultancies : NIL

API Score for Projects-

Cat I : (Sc-Rs 30 lakhs+ Non-Sc:Rs 5 lakhs+) : 20

Cat II (Sc-Rs 5 lakhs + Non- Sc:Rs 3 lakhs+): 15

Cat III (Sc-Rs 0.5 lakhs + Non-Sc:Rs 0.25 lakhs+):10

Other approved projects of Univ/Other agencies: 5

API Score for Consultancies-

(Sc-Rs 10 lakhs + Non-Sc: Rs 2 lakhs +): 10

API Score foe Quality Evaluation-

Major (Completed) Project Eval: 20

Minor (Completed) Project Eval: 10

C.(i) & (ii) Ongoing Projects/ Consultancies : NIL

Sl.No.	Title	Agency	Period	Grant/Amount mobilised (Rs.lakh)	API Score
		N.A			

C.(iii) & (iv) Completed Projects/ Consultancies : NIL

Sl.No.	Title	Agency	Period	Grant/Amount mobilised (Rs.lakh)	Whether police document. Patent as outcome	API score
			N.A			
			N.A			
			N.A			

D) Research Guidance : NIL

- (i) Degree-oriented: API Score- Ph.D awarded - 10; Ph.D, Submitted- 7;
M.Phil, Awarded- 3;
- (ii) Non-Degree Products: API Score- Post-Doctoral-7; National Scholar- 5;
Guidance to Scholars & Master's level-3;

Sl.No.	Number enrolled	Thesis submitted	Degree awarded	API score
Non-Degree products		N.A		
M.Phil, or equivalent		N.A		
Ph.D or equivalent		N.A		

- E) (i) Training Courses, Teaching-Learning- Evaluation Technology Programmes, Faculty Development Programme (not less than one week duration)
Cat I : (Not less than two week duration):20
Cat II : (Not less than one week duration):10

Sl.No.	Programme	Duration	Organized by	API Score
01.	Two weeks Faculty Development Programme	7 th September 2017 to 20 th September 2017	Sponsored by: Entrepreneurship Development Institute of India, Ahmedabad, (under DST-NIMAT project) Organised by: WEBCON Consulting (India) Limited, Kolkata, held at Kharagpur College [Annexure]	20
Total				20

E) (ii) Papers presented in Conferences, Seminars, Workshops, Symposia

API score- Category1 International-10

Category 2 National – 7.5

Category 3 Regional- 5

Category 4 Local – 3

Sl.No.	Title of the paper presented	Title of Conference/ Seminar	Organized by	Whether International. National/State/Regional/College or University level	API score
01.	Mushroom: An important food source with multipurpose utility	“Food Processing, Preservation & Packaging”	Department of Chemistry & Chemical Technology, Vidyasagar University on 17 & 18 March 2015. [Annexure]	National Level Symposium	7.5
02	Biosensors: Application and recent developments	“Recent Development in Biological Science & Chemical Science”	Garhbeta College on 1 st April 2017 [Annexure]	National Level Seminar	7.5
Total API Score					15

E) (iii) Invited Lectures/ Chairing the session or presentation the conferences/symposia etc.

API Score -Category 1 International - 10

Category 2 National -7.5

Category 3 Regional/State level – 5

Category 4 Univ/Endowment Lect- 3

Sl.No.	Title of the Academic session	Title of Conference/ Seminar	Organized by	Whether International / National/ State/ Regional/ College or University level	API score
			N.A		

CATEGORY-III: RESEARCH AND ACADEMIC CONTRIBUTIONS

[For the period of 07/12/2017 – 08.04.2019]

Minimum API Score for CATEGORY I I I , required to be assessed cumulatively –

i)	Stage I to II	20/Assessment Period
ii)	Stage II to III	50/Assessment Period
iii)	Stage III to IV	75/Assessment Period

(A) Research Papers Published in

Refereed Journals as notified by UGC in ‘List of Journals’ –25/publication

Other Reputed Journals as notified by UGC in ‘List of Journals’ -10 per publication

Sl. No	Title with Page no.	Journal	ISSN/ISBN No.	Whether peer Reviewed. Impact factor, if any	No of Co-author	Whether you are the main author	API Score
		N.A					Nil

Wherever relevant to any specific discipline, the API score for paper in refereed journal would be augmented as follows: (i) paper with impact factor less than 1 - by 5 points; (ii) papers with impact factor between 1 and 2 by 10 points; (iii) papers with impact factor between 2 and 5 by 15 points; (iv) papers with impact factor between 5 and 10 by 20 points; (v) papers with impact factor above 10 by 25 points. The API for joint publications shall be calculated in the following manner: Of the total score for the relevant category of publication by the concerned teacher, the First and Principal / corresponding author /supervisor / mentor would share equally 70% of the total points and the remaining 30% would be shared equally by all other authors.

(B) Publications other than journal articles (books, chapters in books) as prescribed in UGC Regulation 2016. -Nil

- Text /Reference Books published by International Publisher with ISBN/ISSN number as approved by University : 30 per book for single author

- Subject Books published by National level Publisher with ISBN/ISSN number or State /Central Govt. Publications as approved by University :20 per book for single author
- Subject Books published by other local Publisher with ISBN/ISSN number as approved by University :15 per book for single author
- Chapter in Books published by National /International level Publisher with ISBN/ISSN number as approved by University :

International -10 per chapter

National – 05 per chapter

Sl.No	Title of the publication with page no. and year of Publication	Name of the Publisher	ISSN/ISBN No.	No. of Co-author	Whether you are the main author	API Score
N.A						Nil

III (C) RESEARCH PROJECTS

III (C) (i) Sponsored Projects: Nil

(a)Major Project with grants above Rs.30 lakhs (science)/above Rs.5 lakhs (Arts) - 20 per project

(b)Major Project with grants Rs.05 lakhs up to Rs.30 lakhs (science)/Rs.03 lakhs up to Rs.05 lakhs (Arts) - 15per project

(c)Minor Project with grants above Rs. 01 lakh up to Rs.05 lakhs (science)/Rs.01 lakh up to Rs.03lakhs (Arts) -10 per project

Sl. No	Title of the Major / Minor Project	Sponsoring Agency	Period	Grant/Amount mobilized	API Score
		N.A			Nil

III (C) (ii) Consultancy Projects: Nil

Amount Mobilized with a minimum of Rs.10 lakhs(Science)/Rs. 02 lakhs (Arts)- 10 for every Rs.10 lakhs and Rs.02 lakhs

Sl. No.	Title of the Consultancy Project	Agency	Period	Grant/Amount	API Score
		N.A			Nil

III (C) (iii) Projects outcome/outputs: N.A

- API score:

Patent / Technology transfer / Product/Process (**for Science**)-

International level output--30 / each output

National level output--- 20/each output

(a)For Science: Patent / Technology transfer / Product/Process:

Sl. No.	Details of the Patent/ Technology transfer / Product / Process	Date and Year of acceptance of the patent/ Technology	National/ International	API Score
	N.A			Nil

(b)For Arts: Major Policy document prepared for International bodies

WHO/UNO/UNESCO/UNICEF ETC.) / Central/State Government /local Bodies

- Major Policy document prepared for International bodies like WHO/UNO/UNESCO/UNICEF etc. Central/State Government /local Bodies

(for Arts)—

- Major Policy document prepared for International bodies-30
- Central Government-20
- State Government --10
- Local Bodies---05

Sl.No	Title of Major Policy document prepared	Date and year of acceptance of the Major Policy documents	Name of the body for which the policy was prepared	International/ National/ Central Govt. / State Govt. / Local Bodies	API Score
		N.A			Nil

III(D) Research Guidance

API Score – (i) Ph.D. awarded/ Thesis Submitted – 15 / 10 (for both Science & Arts) per Candidate

(ii)M. Phil Degree Awarded/Thesis Submitted 5 (for both Science & Arts)/ candidate.

Sl. No	Number enrolled	Degree awarded	Thesis Submitted	API Score
	M.Phil. or equivalent	Nil		Nil
	Ph.D. or equivalent	Nil		Nil

III(E) Fellowships, Awards and Invited lectures delivered in conferences/seminar: Nil

(III)E.(i) Fellowship /Award : Nil

- International Award/Fellowship from academic bodies- 15/award & 15 / fellowship
- b) National Award/Fellowship from academic bodies- 10/award & 10 / fellowship
- c) State /University level Award from academic bodies- 05/award

Sl. No.	Title of the Award/ Fellowship	International/ National/ State/ University level	Name of the ward or Fellowship awarding Academic Body	Date & Year of achievement of Award/ Fellowship	API Score
		N.A			Nil

III)E.(ii) Invited Lectures/papers.

- a) International-7/lecture or 5/paper presented
- b) National-5/lecture or 3/paper presented
- c) State /University level-3 /lecture or 2/paper presented

Sl.No.	Title of the paper presented	Title of Conference/ Seminar	Organized by	Whether International. National/State/R egional/College or University level	API score
01	Global climatic change in the last 100 years: An alarming threat to civilization and biodiversity	“Climate Change & Biodiversity Management”	Sabang Sajanikanta Mahavidyalaya, in collaboration with West Bengal Biodiversity Board, Govt of West Bengal on 9 March 2018. [Annexure]	National Seminar	03
02	Flavanoids: Renewable plant secondary metabolites for green synthesis of nanoparticles	“Green Engineering and sustainable development”	Mugberia Gangadhar Mahavidyalaya in collaboration with Indian Chemical Society during 20 & 21 August 2018 [Annexure]	Two days International conference	05
03	Waste Management: A significant step to save environment	“Environmental Hazards & Waste management”	Mugberia Gangadhar Mahavidyalaya on 28 August 2018 [Annexure]	National Seminar	03
04	Beta Glucan: An important natural immunomodulator	“Frontiers in Chemical Sciences 2019 ”.	The Department of Chemistry, Vidyasagar University on 17 & 18 January 2019 [Annexure]	UGC-SAP sponsored National Level Symposium	03
Total API Score					14
Maximum API score admissible in this sub category(for promotion of Stage-II to stage III)					10

*The score under this sub-category shall be restricted to 20% of the minimum fixed for Category III for any assessment period

i)	Stage I to II	04/ Assessment Period
ii)	Stage II to III	10/ Assessment Period
iii)	Stage III to IV	15/ Assessment Period

III(F) Development of e-learning delivery process /material : Nil

API score -10/ Module

Sl. No.	Title of the Module	Course/ Paper for which the module was prepared	Year and Date of Presentation	API Score
		N.A		Nil

SUMMARY OF API SCORE: FOR THOSE WHERE ASSESSMENT PERIOD COVERS BOTH UGC REGULATIONS, 2010 AND UGC REGULATIONS, 2016 (4th Amendment)

Date of Screening Committee / ~~Selection Committee~~:

Venue:

Name of the Applicant: **DR. INDRANIL CHAKRABORTY**; Subject: **CHEMISTRY**

Date of RC/OP/ ~~WORKSHOP~~: **06.12.18 to 20.12.18**

		Assessment period									
		API score up to 06.12.2017					API score w.e.f 07.12.2017				
		API (A)						API (B)		Total API score in Assessm ent period (A +B)	Percentage Distribution of Weightage Points in the Expert Assessment (applicable only for selection committee for Associate Professor)
CAT-I	CATEGORY I: Teaching, learning And evaluation related activities (to be assessed yearly)	09.04.14 to 30.06.14	5 01.07.14 to 30.06.15	01.07.15 to 30.06.16	01.07.16 to 30.06.017	01.07.17 to 06.12.17	CATE GORY I: Teaching, learning and evaluation related activities (to be assessed yearly)	07.12.17 to 30.06.18	01.07.18 to 08.04.19	600.35	--
		71.5	104	103.2	103.35	97.1		48	73.2		
CAT-II	CATEGORY II: Cocurricular ,extension and professional development related activity(to be assessed yearly)	20	27	17	15	10	CATE GORY II: Co- curricular, extension and professional development related activity (to be assessed cumulatively for assessment period	15.5	19.15	123.65	---
CAT-III	CATEGORY III: Research and Academic Contributions (to be assessed cumulatively for assessment period)	65					CATE GORYIII: Research and Academic Contributions (to be assessed cumulatively for assessment period	10		75	---
Total		Category II + Category III								198.65	
Recommendation of the Screening/Selection Committee for promotion on CAS with date of effect of promotion							Recommended for promotion from Stage II to Stage III Date of effect: 09.04.2019				
Signature of the Principal/TIC/ OIC with date and seal			Signature of the DPI Nominee with date and seal			Signature of the Subject Expert/s with date and seal			Signature of the Subject Expert/s with date and seal		

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Principal
Kharagpur College