

## **SELF APPRAISAL FOR ACADEMIC PERFORMANCE INDEX (API) Year: 2018-19**

(Based on UGC regulation 2016)

- Objectives:**
- 1) To be aware of Self Appraisal
  - 2) To learn filling up Self-Appraisal forms
  - 3) To evaluate and document one's own performance
  - 4) To facilitate Career advancement of teachers

**Concept:**

Teachers are well familiar with assessment and evaluation of students. Self appraisal helps to figure out what teacher's strengths and weaknesses are. It allows one to take at an honest look at oneself. It is a process of self evaluation to determine the level of self-efficiency .It is a part of continuing professional development or career advancement. It has been suggested as an indicator of CAS. As per UGC regulations 2010 on minimum qualifications for appointment of teachers and other academic staff in universities and colleges it is mandatory for all universities and colleges to prepare Performance Based Appraisal in the prescribed format for applying to any teaching post or career advancement.

### **The individual Performance Based Appraisal System (PABS)**

#### **Part A: - General Information & Academic background**

1. Name(in block letters) :- ARUNKUMAR DESHALBHAI CHAUHAN
2. Father's/Mother's Name :- Deshalbhai Raghubhai Chauhan
3. Department :- Department of Mathematics
4. Name of the College :- J & J College of Science, Nadiad.
5. Current Designation :- Adhyapak Sahayak
6. Current Pay band & Grade pay :- 40,176 (Fix)
7. Date of last promotion :- N. A.
8. Position to which to be promoted :- N. A.
9. Pay band expected & Grade pay :- 15,600 - 39,100(6000 GP)
10. Date of eligibility for promotion :- N. A.
11. Date & place of birth :- 03/08/1991, Morbi, Gujarat
12. Sex :- Male
13. Marital Status :- Married
14. Nationality :- Indian
15. Category to which belongs :- SEBC
16. Address for the correspondence :- Arunkumar Deshalbhai Chauhan  
Department of Mathematics,  
J. & J. College of Science, College road, Nadiad.
17. Permanent Address :- B/37, Narayan Villa, Near Euro School, Petlad road,  
Piplag, Ta-Nadiad, Dist-Kheda, Pin-387355.
18. Contact Numbers :- (O) 0268 2529871 (M) 9033197390
19. E mail Id :- thenonnegative@gmail.com

20. Academic Qualifications (SSC to Post Graduation):-

Examination	Name of Board/ University	Year of Passing	% of Marks obtained	Division/ Class/ Grade	Subjects
SSC	GSEB	2006	75.29	Distinction	-
HSC	GSEB	2008	55.00	Second	-
B. Sc.	Saurashtra University	2011	72.57	First-Dist.	Mathematics
M. Sc.	Sardar Patel University	2013	75.20	First	Mathematics

21. Research Degrees:-

Name of the Degree	Title of the Thesis	Date of Award as per University Notification	Name of the University
M.Phil.	Unbounded Operators in $L^2(R^m)$ and semi-group theory	28/11/2014	Sardar Patel University
Ph. D.	-	-	-
D.Sc./D.Litt.	-	-	-
Any other	-	-	-

22. Appointments Held Prior to Joining this Institution:-

Designation	Name of the Employer	Date of joining	Date of leaving	Pay band with Grade Pay	Reason for leaving
-	-	-	-	-	-
-	-	-	-	-	-

23. Posts held after appointment to this institution:-

Designation	Department	From	To	Pay band with Grade pay
Adhyapak Sahayak	Mathematics Department	09/08/2014	Continue	40,176/- Fix

24. Total Teaching experience (In Years):-
- At Undergraduate level (at previous institution) : 00 Zero years
  - At Undergraduate level (at present institution) : 05 Five years
  - Total : 05 Five years
  - At Postgraduate level (at previous institution) : Nil years
  - At Postgraduate level (at present institution) : Nil years
  - Total : Nil years
25. Research experience excluding years spent for M.phil/Ph.D.: 00 years
26. Field of specialization under the subject/discipline if any :
27. Academic Staff College Orientation/Refresher courses attended:-

Name of the Course	Name of the Academic Staff College	Name of the University	Duration	Sponsoring agency if any
-	-	-	-	-

**CATEGORY - I**

**TEACHING, LEARNING AND EVALUATION RELATED ACTIVITIES**

<b>Category I</b>	<b>Nature of activity</b>	<b>Maximum API Score</b>	<b>Actual hours spent per academic year</b>	<b>Actual API Score</b>	<b>Evidence is attached on page</b>
<b>a</b>	<b>Direct Teaching</b>		640	70	
	<b>Assistant Professor :</b> (Actual hours spent per academic year / 7.5) <b>Associate Professor :</b> (Actual hours spent per academic year / 7.75) <b>Professor :</b> (Actual hours spent per academic year / 7.75)	70 60 60			
<b>b</b>	<b>Examination duties (equation paper setting, Invigilation, evaluation of answer scripts) as per allocation</b>		Paper setting: 96	20	
	<b>Assistant Professor :</b> (Actual hours spent per academic year / 10) <b>Associate Professor :</b> (Actual hours spent per academic year / 10) <b>Professor :</b> (Actual hours spent per academic year / 10)	20 20 10	Answer Script: 402  Invigilation: 66  Total: 564		

<b>c</b>	<b>Innovative Teaching - learning methodologies, updating of subject conduct/courses, mentoring etc.</b>		130	10	
	<b>Assistant Professor :</b> (Actual hours spent per academic year / 10)	10			
	<b>Associate Professor :</b> (Actual hours spent per academic year / 10)	15			
	<b>Professor :</b> (Actual hours spent per academic year / 10)	20			
<b>Total (a)+(b)+(c):</b>				100	

## CATEGORY - II

### PROFESSIONAL DEVELOPMENT, CO-CURRICULAR AND EXTENSION ACTIVITIES

Please mention your contribution to any of the following :

Category II	Nature of activity	Maximum API Score	Actual API Score	Evidence is attached on page
A	<p><b>Student related co-curricular, extension and field based activities.</b></p> <p>(i) Discipline related co-curricular activities (e.g. remedial classes, career counseling, study visit, student seminar and other events.)</p> <p>(ii) Other co-curricular activities (Cultural, Sports, NSS, NCC etc.)</p> <p>(iii) Extension and dissemination activities (public / popular / lectures / talks / seminars etc.)</p>	15	15	
B	<p><b>Contribution to corporate life and management of the department and institution through participation in academic and administrative committees and responsibilities.</b></p> <p>i). Administrative responsibility (including as Dean / Principal / Chairperson / Convener / Teacher-in-charge / similar other duties that require regular office hrs for its discharge)</p> <p>(ii). Participation in Board of Studies, Academic and</p>	15	15	

	Administrative Committees			
	<p>I am convener/member in following college committees</p> <ul style="list-style-type: none"> <li>- Internal quality assurance cell(IQAC)</li> <li>- Research and Publication</li> <li>- Committee for bridge and remedial courses</li> <li>- Committee for website update</li> <li>- Feedback committee(convener)</li> <li>- Committee for Internal marks entry</li> <li>- Committee for NAAC criterion-I</li> </ul>			
<b>C</b>	<p><b>Professional Development activities</b></p> <p>(such as participation in seminars, conferences, short term training courses, industrial experience, talks, lectures in refresher / faculty development courses, dissemination and general articles and any other contribution)</p>	15	15	
	Attended and presented papers in one International, one National and two state level conferences.			
<b>Total (a)+(b)+(c):Maximum API Score is 45.</b>		<b>45</b>	<b>45</b>	

**CATEGORY - III**

**RESEARCH, PUBLICATIONS AND ACADEMIC CONTRIBUTIONS**

**A) Published Papers in Referred Journals / Other Reputed Journals**

(Attach evidence of each publication)

<b>Sr. No.</b>	<b>Title with Page nos. Vol. No. Year</b>	<b>Name of the Journal &amp; Index number in UGC list of Journals</b>	<b>ISSN / ISBN, if any</b>	<b>Whether peer reviewed. Write YES / NO Write Impact factor, if any</b>	<b>No. of Co-authors</b>	<b>Whether you are the main author / guide /mentor</b>	<b>API Score claimed</b>	<b>Evidence is attached on page</b>
1	-	-	-	-	-	-	-	-

**B) Publications other than journal articles (books, chapters in books)**

(Attach evidence of each publication)

<b>Sr. No.</b>	<b>Title with page nos. if any</b>	<b>Book Title, editor &amp; publisher Date of Publication &amp;</b>	<b>ISSN/ISBN, if any</b>	<b>Whether peer reviewed. Write YES/NO</b>	<b>No. of Co-authors</b>	<b>Whether you are the main author</b>	<b>API Score Claimed</b>	<b>Evidence is attached on page</b>
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		<b>Index number in UGC list of Journals / books</b>						
	-	-	-	-	-	-	-	-

**C) Research Projects**

**C) (i) Sponsored Projects / Consultancies (Attach evidences)**

<b>Sr. No.</b>	<b>Title</b>	<b>Agency</b>	<b>Period (From - To)</b>	<b>Grant / Amount Mobilized (Rs. Lakh)</b>	<b>API Score claimed</b>	<b>Evidence is attached on page</b>
	-	-	-	-	-	-

**C) (ii) Consultancy Projects (Attach evidences)**

<b>Sr. No.</b>	<b>Title</b>	<b>Agency</b>	<b>Period (From - To)</b>	<b>Grant / Amount Mobilized (Rs. Lakh)</b>	<b>Whether Policy document / patent as outcome</b>	<b>API Score claimed</b>	<b>Evidence is attached on page</b>
	-	-	-	-	-	-	-

**C) (iii) Projects Outcome / Outputs (Attach evidences)**

<b>Sr. No.</b>	<b>Title</b>	<b>Agency</b>	<b>Date</b>	<b>Whether Patent / Technology transfer / Product / Process / Police document as outcome</b>	<b>API Score claimed</b>	<b>Evidence is attached on page</b>
	-	-	-	-	-	-

**D) Research Guidance (Attach evidences)**

<b>Sr. No.</b>	<b>Name of the Student Enrolled</b>	<b>Dissertation / Thesis Submitted YES / NO</b>	<b>Date of Degree awarded / Notification issued</b>	<b>API Score claimed</b>	<b>Evidence is attached on page</b>
<b>i) M. Phil. (Include only M. Phil. Do not include Master's Dissertation or Project Report)</b>					
-	-	-	-	-	-
<b>ii) Ph. D.</b>					
-	-	-	-	-	-

**E) Fellowships, Awards and invited lectures delivered in conferences / seminars**

**E (i) Fellowships / Awards (Attach evidences)**

<b>Sr. No.</b>	<b>Detail of the Fellowships / Awards</b>	<b>Duration with dates (From - To) / Date of Award</b>	<b>Organization / Agency</b>	<b>Level International National State University</b>	<b>API Score Claimed</b>	<b>Evidence is attached on page</b>
	-	-	-	-	-	-

**E) (ii) Invited lectures / Papers (Attach evidences)**

**Important Note:** The score under this sub-category shall be restricted to 20% of the minimum fixed for Category III for any assessment period (i.e. **Maximum 4, 10, 15, 20, or 80 as per the stages of promotion**)

<b>Sr. No.</b>	<b>Title of the Invited lecture /Paper presented</b>	<b>Institute where lecture delivered / Title of Conference/ Seminar with place and dates</b>	<b>Organized by</b>	<b>Whether International / National / State /University level</b>	<b>API Score Claimed</b>	<b>Evidence is attached on page</b>
1.	A Comparative Study of Modified Black-Scholes Option Pricing formula for Top 5 Indian Stock market sectors.	Indo-Canadian Multidisciplinary Research: Trends and Prospects 28/12/2018 to 29/12/2018	Institute of Infrastructure, Technology, Research and Management, Ahmedabad.	International	05	

2.	Study of Volatility of Option prices computed by Generalized Black-Scholes model by changing the bounds of truncated normal distribution	Prof. P.C. Vaidya National Conference on Mathematical Sciences 24/12/2018 to 25/12/2018	Department of Mathematics St. Xavier's College, Ahmedabad and Gujarat Ganit Mandal	National	03	
3.	A Comparative Study Of Modified Black-Scholes Option Pricing Formula For Selected Indian Call Options	Science Excellence-2018 20/09/2018	Gujarat University, Ahmedabad	State	02	
4.	Mathematics used in computation of India VIX volatility index	Mathematics Excellence-2019 05/01/2019	Department of Mathematics, Gujarat University, Ahmedabad	State	02	

This is to certified that If a paper presented in Conference / Seminar is published in the form of Proceedings, the points are accrue for the publication (III (A)) and not under presentation (III (E)(ii)).

**F) Development of e-learning delivery process/material**

**(Attach evidences)**

Sr. No.	Detail of the e-learning module	Date	Supported by	Whether International / National / State / University	API Score Claimed	Evidence is attached on page
	-	-	-	-	-	-

**PART – C : FINAL SUMMARY OF API SCORE**

Sr. No.	Criteria	API Score Claimed by the applicant	API Score verified
<b>Category I</b>			
I (a)	Direct Teaching	70	
I (b)	Examination Duties (question paper setting, Invigilation, evaluation of answer scripts) as per allotment	20	
I (c)	Innovative Teaching – learning methodologies, updating of subject contents/courses, mentoring etc.	10	
<b>Total of Category I</b>		100	
<b>Category II</b>			
II (a)	Student related co-curricular, extension and field based activities. <b>(Maximum 15)</b>	15	
II (b)	Contribution to corporate life and management of the department and institution through participation in academic and administrative committees and responsibilities. <b>(Maximum 15)</b>	15	
II (c)	Professional Development activities. <b>(Maximum 15)</b>	15	
<b>Total of Category II</b>		45	
<b>Category III</b>			
III (A)	Research Papers Published	00	

III (B)	Publications other than journal articles	00	
III (C) (i)	Sponsored Projects	00	
III (C) (ii)	Consultancy Projects	00	
III (C) (iii)	Projects Outcome / Outputs	00	
III (D) (i)	Research Guidance : M. Phil.	00	
III (D) (i)	Research Guidance : Ph.D.	00	
III (E) (i)	Fellowships / Awards	00	
III (E) (ii)	Invited lectures / papers  The score under this sub-category shall be restricted to 20% of the minimum fixed for Category III for any assessment <b>period (i.e. Maximum 4, 10, 15, 20, or 80 as per the stages of promotion)</b>	12	
III (F)	Development of e-learning delivery process / material	00	
	<b>Total of Category III</b>	12	
<b>Total API Score : Category II + Category III</b>		57	

Place :

Mr. Arunkumar D. Chauhan

Date :

Adhyapak Sahayak

J. & J. College of Science

## **Declaration for API**

I, Arunkumar Deshalbhai Chauhan, hereby solemnly certify that

- (1) Detail provided in Category I, Category II, and Category III are correct. False information is not provided.
- (2) If a paper presented in Conference / Seminar is published in the form of Proceedings, the points are accrued for the publication (III (A/B)) and not under presentation (III (E) (ii)).
- (3) My all the publications submitted for promotion are original research work.
- (4) My publications are in the field and subject in which I am applying for the promotion under CAS.
- (5) Out of Total 0(NIL) publications, 0(NIL) publications are in the paid journals/publications.
- (6) All the publications considered for API score are published through standard peered process.
- (7) The decision of the scrutiny committee / experts with regard to the quality of my publications shall be final and it shall have binding to me. I understand that scrutiny committee / experts decision with regard to consider or reject any of my publication in context of its quality and or subject category shall be final.
- (8) I am not owner/editor/ asst. editor or in the board of the journal whose papers I have claimed in API score.
- (9) I also certify that the papers published by me do not fall under the category of plagiarism.
- (10) I understand that any misinformation will lead to disqualify from the promotion, even after the promotion.

***I hereby solemnly certify that the above API Score provided in this application form is true and correct to the best of my knowledge and belief.***

Place :

Mr. Arunkumar D. Chauhan

Date :

Adhyapak Sahayak

J. & J. College of Science

### **Declaration**

I, Arunkumar Deshalbhai Chauhan hereby solemnly certify that the information provided in this application form is true and correct to the best of my knowledge and belief. I also confirm that I have never been convicted by any court of law or suspended / dismissed by any employer / organization from job. I understand that if any of the information given by me in this application form is found to be incorrect, or I have concealed / misrepresented any information, my candidature / appointment is liable to be cancelled / terminated at any stage without assigning any reason therefor. I confirm that I shall abide by the decision(s) of the University with regard to my application / appointment / promotion.

Place : Mr. Arunkumar D. Chauhan  
Date : Adhyapak Sahayak  
J. & J. College of Science

### **Forwarded Through :**

Place : Dr. A. M. Patel  
Date : Principal  
J. & J. College of Science

Place : Dr. A. S. Pandey  
Date : IQAC co-coordinator  
J. & J. College of Science



