



**JADAVPUR UNIVERSITY**  
**KOLKATA - 700032**

**GO No.1343-Edn(U)/1U-41/11(Pt) dt.07.12.2017**  
**EC Res. No. 18 Dated 12.11.2022**

**APPLICATION FORM FOR PROMOTION OF UNIVERSITY TEACHERS UNDER CAREER ADVANCEMENT SCHEME**

**From : Stage/ Designation :** Assistant Prof. (Stage 2)

**To : Stage/ Designation :** Assistant Prof. (Stage 3)

**(Assistant Professor Stage 1 to Stage 2, Stage 2 to Stage 3), Assistant Professor (Stage 3) to Associate Professor (Stage 4), Associate Professor (Stage 4) to Professor/equivalent cadres (Stage 5).**

**PART A : GENERAL INFORMATION AND ACADEMIC BACKGROUND**

1. Employee Id	210029
2. Full Name	RANU BISWAS
3. Father's Name / Mother's Name	BIJIR BISWAS
4. Date of Birth	02-08-1982
5. Category	OBC-A <a href="#">Doc Link</a>
6. Differently Abled	No
7. Department / School	PHARMACEUTICAL TECHNOLOGY
8. Current Designation	Assistant Professor
9. Academic Grade Pay (AGP) / Level	7000/11
10. Highest Qualification	Ph.D
11. Date of last promotion , if any	01-07-2017 <a href="#">Doc Link</a>
12. Date of eligibility for promotion	01-07-2022
13. Assessment Period (in years)	5
14. Address for correspondence	188, Raja S C Mallick Road Jadavpur, Kolkata-700032
15. Permanent Address	Tiorkhali, Maheshganj, Nadia, Wb-741315
16. Mobile No.	9233597181
17. E-mail Id	rbiswas.pharmacy@jadavpuruniversity.in



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**Part B. Academic Qualifications :**

**A. Last Academic Qualifications (From graduation onwards excluding research degree(s)):**

Degree/ Diploma	Name of the Board/ University	Year of Passing	(%)of Marks Obtained	Division/ Class/Grade	Subject(s)	Doc Link
B.PHARM	BURDWAN UNIVERSITY, WB	2004	83.30%	FIRST CLASS WITH HONOURS (2nd RANK HOLDER)	Pharmacy	<a href="#">View</a>
M.PHARM	ANNAMALAI UNIVERSITY, TN	2007	78.70%	FIRST CLASS WITH DISTINCT- ION (1st RANK HOLDER)	Industrialpharmacy	<a href="#">View</a>

**B. Research Degrees:**

Degree	Title of Dissertation/Thesis	Date of Award	Name of the University	Doc Link
PHD	Formulation Development, In-Vitro And In-Vivo Evaluation Of Novel Drug Delivery System (Polymeric Microspheres) Of Syzygium Cumini (L.) Seeds Extract.	21-09-2021	MAKAUT, WB	<a href="#">View</a>



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**Part C. Professional Experience :**

**A.Position(s) held Prior to Joining this University, if any:**

Designation	Name of Employer	Date of Joining	Date of Leaving	Gross Salary	Reason for Leaving	Doc Link
Assistant Professor	BCDA College of Pharmacy & Technology, Barasat	04-11-2016	02-11-2021	490000	Better opportunity	<a href="#">View</a>
Assistant Professor	Gupta College of Technological sciences, Asansol	01-08-2008	03-11-2008	370000	Family issues	<a href="#">View</a>
Lecturer	Netaji Subhas Chandra Bose Institute of Pharmacy, Chakdaha	01-08-2007	31-07-2008	162000	Better opportunity	<a href="#">View</a>

**B.Posts held after Appointment at the University :**

Designation	Department/School	From date	To date	Pay Scale	AGP/Level	Doc Link
Assistant Professor - Stage 2	PHARMACEUTICAL TECHNOLOGY	03-11-2021	03-11-2021	57700-182400	7000/11	<a href="#">View</a>
Assistant Professor - Stage 1	PHARMACEUTICAL TECHNOLOGY	03-11-2021	03-11-2021	57700-182400	6000/10	<a href="#">View</a>



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## **Part D. Teaching Experience :**

### **A.Period of Teaching and / or Research Experience :**

<b>Level of Classes</b>	<b>No. of Years</b>
<b>PG Classes</b>	10
<b>UG Classes</b>	16
<b>Post-doctoral Research</b>	0
<b>Doctoral Research</b>	8

### **B.Field(s) of Specialisation under the Subject/Discipline :**

- (A) INDUSTRIAL PHARMACY
- (B) DESIGN AND DEVELOPMENT OF NOVEL DRUG DELIVERY SYSTEM (NDDS)
- (C) NOVEL HERBAL FORMULATION DEVELOPMENT
- (D) FORMULATION DESIGN OF SUSTAINED RELEASE SYSTEMS
- (E) LIPOSOMAL DRUG DELIVERY SYSTEMS
- (F) DESIGN OF ORODISPERSIBLE TABLETS
- (G) PHYTOSOMAL DRUG DELIVERY SYSTEMS



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**Part E. Orientation / Induction Program(s) or Refresher / Short-term Course(s):**

**Program(s) / Course(s) Attended :**

<b>Title of the Course</b>	<b>Place</b>	<b>Duration (No. of Weeks)</b>	<b>Period : From Date- To Date</b>	<b>Doc Link</b>
AICTE SPONSORED QIP REFRESHER COURSE ON "FUTURE PROSPECT OF BIOTECHNOLOGY AND PHARMACEUTICAL SCIENCES FOR PHARMACEUTICAL INDUSTRY"	JADAVPUR UNIVERSITY	2	09.01.2009 TO 22.01.2009	<a href="#">View</a>
FACULTY DEVELOPMENT INITIATIVE ON "CHALLENGES & OPPORTUNITIES IN POST COVID-19 PANDEMIC PHASE: FOCUSING TEACHING	ASSAM DOWN TOWN UNIVERSITY	1	7.6.20 TO 13.6.20	<a href="#">View</a>
FACULTY DEVELOPMENT PROGRAM ON "PHARMACEUTICAL PRODUCT DEVELOPMENT: CHALLENGES AND OPPORTUNITIES"	DR. L. H. HIRANANDANI COLLEGE OF PHARMACY, ULHASNAGAR AND KONKAN GYANPEETH RAHUL DHARKAR COLLEGE OF PHARMACY AND RESEARCH INSTITUTE, KARJAT WITH IPA & APTI	1	15.6.20 TO 19.6.20	<a href="#">View</a>
AICTE ORGANIZED WORKSHOP ON "UNIVERSAL HUMAN VALUES ON THE THEME "INCULCATING UNIVERSAL HUMAN VALUES IN TECHNICAL EDUCATION"	AICTE, NEW DELHI	1	20.6.20 TO 24.6.20	<a href="#">View</a>



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Title of the Course	Place	Duration (No. of Weeks)	Period : From Date- To Date	Doc Link
FACULTY DEVELOPMENT PROGRAM ON "STRATEGIES & ADVANCEMENTS IN RESEARCH & DEVELOPMENT: STRENGTHENING ACADEMICIANS IN PHARMACEUTICAL CARE"	VIGNAN COLLEGE OF PHARMACY	1	22.6.20 TO 26.6.20	<a href="#">View</a>
FACULTY DEVELOPMENT PROGRAM ON "STRESS MANAGEMENT & ICT TOOLS FOR EFFECTIVE TEACHING LEARNING"	WELLNESS GURUKUL ACADEMY PVT. LTD.	1	29.6.20 TO 5.7.20	<a href="#">View</a>
INTERNATIONAL EFTP ON "DRUG RESEARCH REVOLUTION AND PRACTICE"	HINDU COLLEGE OF PHARMACY & ACHARYA NAGARJUNA UNIVERSITY COLLEGE OF PHARMACEUTICAL SCIENCES	1	1.7.20 TO 6.7.20	<a href="#">View</a>
TEACHERS TRAINING ON "ONLINE TEACHING TOOLS (APPS & SOFTWARES)"	WELLNESS GURUKU ACADEMY PVT. LTD. NEW DELHI	2	10.7.20 TO 19.7.20	<a href="#">View</a>
TOT FOR TEACHER EDUCATORS (UNDER TLC PROJECT)	NITTTR, BHOPAL MHRD	1	20.7.20 TO 24.7.20	<a href="#">View</a>
PREPARE STUDENTS FOR JOB INTERVIEW	NITTTR, BHOPAL MHRD	1	27.7.20 TO 31.7.20	<a href="#">View</a>
FACULTY DEVELOPMENT PROGRAM ON "OPPORTUNITIES & CHALLENGES OF POST PANDEMIC ERA: AN OVERVIEW"	BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT, BENGALURU	1	10.8.20 TO 14.8.20	<a href="#">View</a>



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<b>Title of the Course</b>	<b>Place</b>	<b>Duration (No. of Weeks)</b>	<b>Period : From Date- To Date</b>	<b>Doc Link</b>
FACULTY DEVELOPMENT PROGRAM ON “RESEARCH ARTICLE WRITING AND ONLINE ACADEMIC PRESENTATION”	GOVT. GIRLS' P.G. COLLEGE, UJJAIN (M.P.) WITH THE NATIONAL ACADEMY OF SCIENCES, INDIA, BHOPAL CHAPTER.	1	17.8.20 TO 23.8.20	<a href="#">View</a>
AICTE SPONSORED STTP ON “RESEARCH AVENUES IN MACHINE LEARNING APPROACHES FOR PATTERN RECOGNITION”	MAHATMA GANDHI INSTITUTE OF TECHNOLOGY, HYDERABAD	1	24.8.20 TO 29.8.20	<a href="#">View</a>
FACULTY DEVELOPMENT PROGRAM ON “RECENT TRENDS IN PHARMACEUTICAL TECHNOLOGY”	BENGAL SCHOOL OF TECHNOLOGY, HOOGLY WITH APTI, BENGAL BRANCH AND MAKAUT, WB	1	5.9.20 TO 9.9.20	<a href="#">View</a>
FACULTY DEVELOPMENT PROGRAM ON “LEADERSHIP & EXCELLENCE”	AICTE TRAINING AND LEARNING (ATAL) ACADEMY	1	14.9.20 TO 18.9.20	<a href="#">View</a>
FACULTY INDUCTION PROGRAM (FIP)	NITTTR, BHOPAL	4	14.9.20 TO 9.10.20	<a href="#">View</a>
NSTEDB, DST & GOI SPONSORED FACULTY DEVELOPMENT PROGRAM ON “ENTREPRENEURSHIP DEVELOPMENT”	NITTTR, BHOPAL	2	01.2.2021 TO 13.2.2021	<a href="#">View</a>
REFRESHER COURSE ON “OUTCOME BASED EDUCATION AND TECHNOLOGY IN HIGHER EDUCATION”	GURU ANGAD DEV TEACHING LEARNING CENTRE MINISTRY OF EDUCATION UNDER PMMMNMTT,	2	14.7.2021 TO 03.8.2021	<a href="#">View</a>



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<b>Title of the Course</b>	<b>Place</b>	<b>Duration (No. of Weeks)</b>	<b>Period : From Date- To Date</b>	<b>Doc Link</b>
SWAYAM COURSE ON “ACCREDITATION OF UNDERGRADUATE ENGINEERING PROGRAMME”	NITTTR, BHOPAL	8	14.9.2020 TO 14.11.2020	<a href="#">View</a>
AICTE SWAYAM ARPIT COURSE ON “ PEDAGOGICAL INNOVATIONS AND RESEARCH METHODOLOGY (INTERDISCIPLINARY)”	GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY HISAR, HARYANA	16	01.12.2020 TO 31.3.2021	<a href="#">View</a>
UGC HRDC SPONSORED FACULTY INDUCTION PROGRAMME (GURU DAKSHTA)	JADAVPUR UNIVERSITY	4	01.8.2022 TO 02.9.2022	<a href="#">View</a>





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API SCORE CALCULATION MATRIX

API CATEGORY : I. TEACHING, LEARNING AND EVALUATION RELATED ACTIVITIES

Sl.No.	Nature of Activity	Max Marks	Hours spent per academic year	Self Appraisal Score	Verified API Score	Doc.Link
1.	Direct Teaching (self declaration)	70	637	70.00	70.00	<a href="#">View</a>
2.	Examination duties (question paper setting, Invigilation, evaluation of answer scripts etc.) (self declaration)	20	228	20.00	20.00	<a href="#">View</a>
3.	Innovative Teaching-learning methodologies, updating of subject contents/courses, mentoring etc. (self declaration)	10	196	10.00	10.00	<a href="#">View</a>
<b>Total</b>				<b>100.00</b>		



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**API SCORE CALCULATION MATRIX**

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

Nature of Activity	Max Marks	Hours spent per academic year	Self Appraisal Score	Verified API Score	Doc.Link
a). Student related co-curricular, extension and 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.). Extension and dissemination activities (public /popular lectures/talks/seminars etc.)	15	1100	15.00	15.00	<a href="#">View</a>
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 (Self declaration)	15	820	15.00	15.00	<a href="#">View</a>
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	640	15.00	15.00	<a href="#">View</a>
<b>Total</b>			<b>45.00</b>		

## API SCORE CALCULATION MATRIX

### CATEGORY III: Research and Academic Contribution

#### III-A : Journal Publication

Sl. No.	Yr.of Publ.	Title of the Paper	No.of authors	Role of Applicant	No.of other co - authors	Journal Name	Volume (Issue), pg no. from - to	Journal Type	Impact Factor (I.F)	I.F Doc link	Jrnl. Pub. Link	Self Appraisal Score	Verified API Score
1	2022	Microsponges: A promising approach for drug delivery	4	First and Corresponding author	0	International journal of pharmaceutical sciences and research	13(1), 42-49	UGC Care List	8.000	<a href="#">View</a>	<a href="#">View</a>	39.00	39.00
2	2018	Pharmacognostical evaluation, in vitro antioxidant effects of Syzygium cumini Linn. Seed extract, and the potential role of this extract as hypoglycemic agent in alloxan-induced diabetic rats	2	First and Corresponding author	0	Asian journal of pharmaceutical and clinical research	11(10), 155-160	UGC Care List	8.087	<a href="#">View</a>	<a href="#">View</a>	39.00	39.00
3	2018	Development and characterization of novel herbal formulation (polymeric microspheres) of Syzygium cumini seed extract	2	First and Corresponding author	0	International journal of applied pharmaceuticals	10(5), 226-234	UGC Care List	0.756	<a href="#">View</a>	<a href="#">View</a>	28.50	28.50
											<b>Total</b>	<b>106.50</b>	

#### III-B(i): Publications other than journal articles

Sl. No.	Yr.of Publ.	Type of Publication	Title of the Chapter/ Paper	Title of the Book/ Proceedings	No.of authors	Name of Publisher	Status of Publisher	ISBN/ISSN No	Doc. Link	Self Appraisal Score	Verified API Score
									<b>Total</b>	<b>None</b>	

#### III-B(ii): Referring of Journal Papers from UGC list

Sl. No.	Journal Name	Title of the paper	Year of review submission	Review Invitation Letter link	Review submission document link	Self Appraisal Score	Verified API Score
					Total	None	

CATEGORY III-C: Research Projects

III-C (i): Sponsored Project

Sl. No.	Area of the Applicant	Title of the Project	Name of the Funding Agency	Duration (no.of years)	Grant Sanctioned (in Lakhs)	Upload Grant Letter link	Self Appraisal Score	Verified API Score
						Total	None	

III-C (ii): Consultancy Project

Sl. No.	Area of the Applicant	Title of the Project	Name of the Funding Agency	Duration (in months)	Amount Mobilized	Upload Grant Letter link	Self Appraisal Score	Verified API Score
						Total	None	

III-C (iii): Projects Outcome/Output

Sl. No.	Area of the Applicant	Type	Title	Level	Doc.No./ Patent No/ Other ref. no	Status (if patent only)	Upload doc.link	Self Appraisal Score	Verified API Score
							Total	None	

III-D: Research Guidance

Sl. No.	Name of the Student	Degree	Title of the Thesis	Status	Document Link	Self API Score	Verified API Score
					Total	None	

### III-E : Fellowships, Awards and Invited lectures delivered in conferences / seminars

#### III-E : (i) Fellowship / Award from Academic Bodies/Associations

Sl. No.	Type	Name of the Fellowship/Award	Name of the Awarding Body/Association	Level	Document Link	Self Appraisal Score	Verified API Score
1	Award for academic bodies/ Association	2nd best oral presentation award	JIS University, Kolkata	International	<a href="#">View</a>	15.00	15.00
2	Award for academic bodies/ Association	Best poster presentation award	Gupta College of Technological Sciences	National	<a href="#">View</a>	10.00	10.00
					<b>Total</b>	<b>25.00</b>	

#### III-E : (ii) Invited Lecture / Paper presented

Sl. No.	Type	Title of the Lecture/Paper	Name of the Conference/ Seminar/ Workshop	Organized by	Venue	Duration of Seminar/ Workshop	Level	Document Link	Self Appraisal Score	Verified API Score
1	Paper presented	Pharmacognostical evaluation, antioxidant and hypoglycemic activity of Syzygium cumini Linn. Seed extract	International conference on Current scenario in pharmaceutical technology and healthcare: a move towards patient centric approach.	NSHM College of Pharmaceutical Technology and Department of Healthcare Management	Kolkata	9.3.2018 to 10.3.2018	International	<a href="#">View</a>	5.00	5.00
2	Paper presented	Extract-loaded polymeric microspheres: Formulation development and characterization	New developments in drug discovery from natural products and traditional medicines	NIPER, MOHALI	NIPER, MOHALI, Punjab	15-17 November 2018	International	<a href="#">View</a>	5.00	5.00
3	Paper presented	Novel herbal formulation for improved therapeutic potential	Key concerns and considerations in pharmaceutical sciences and technology: South-East Asian perspective	Dr. B. C. Roy College of Pharmacy and Allied Health Sciences	Durgapur, WB	4-5 February 2019	International	<a href="#">View</a>	5.00	5.00
4	Paper presented	Coumarin: As a therapeutic agent on Diabetes Mellitus	Colloquium-2020	JIS University	Kolkata	11-13 June 2020	International	<a href="#">View</a>	5.00	5.00

Sl. No.	Type	Title of the Lecture/Paper	Name of the Conference/ Seminar/ Workshop	Organized by	Venue	Duration of Seminar/ Workshop	Level	Document Link	Self Appraisal Score	Verified API Score
5	Paper presented	Orphan drug challenges in India: A new era in drug discovery and development	Colloquium-2020	JIS University	Kolkata	11-13 June 2020	International	<a href="#">View</a>	5.00	5.00
								<b>Total</b>	<b>25.00</b>	

### III-E (iii): e-Learning Delivery Process/Material

Sl. No.	Name of the Module	Name of the Course	Name of the Program	Document Link	Self Appraisal Score	Verified API Score
1	Physicochemical properties of drug molecules	Physical pharmaceutics i	B.Pharm	<a href="#">View</a>	10.00	10.00
2	Mechanism of drug absorption	Biopharmaceutics and Pharmacokinetics	B.Pharm	<a href="#">View</a>	10.00	10.00
3	Bioavailability and bioequivalence	Biopharmaceutics and pharmacokinetics	B.pharm	<a href="#">View</a>	10.00	10.00
4	Microencapsulation	Novel Drug Delivery System	b.pharm	<a href="#">View</a>	10.00	10.00
5	Pharmaceutical Polymers for drug delivery	Novel Drug Delivery System	b.pharm	<a href="#">View</a>	10.00	10.00
6	Personnel management	Pharmaceutical Industrial Management	b.pharm	<a href="#">View</a>	10.00	10.00
7	Cells: The unit of life	Remedial Biology	b.pharm	<a href="#">View</a>	10.00	10.00
8	Plants and mineral nutrition	Remedial biology	b.pharm	<a href="#">View</a>	10.00	10.00
9	Photosynthesis	Remedial biology	b.pharm	<a href="#">View</a>	10.00	10.00
10	Morphology of flowering plants	remedial biology	b.pharm	<a href="#">View</a>	10.00	10.00
				<b>Total</b>	<b>100.00</b>	





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**RANU BISWAS - Final Report**

<b>Stage / Designation From:</b>	Assistant Prof. (Stage 2)
<b>Stage / Designation To:</b>	Assistant Prof. (Stage 3)
<b>Date of last promotion, ( if any ) :</b>	01-07-2017
<b>Date of eligibility for promotion :</b>	01-07-2022
<b>Assessment Period (no.of years):</b>	5

**API Score Summary**

<b>Category</b>	<b>Period</b>	<b>Self Appraisal Score</b>	<b>Status</b>
I	Yearly	100.00	Criteria Satisfied
II	Assessment Period	225.00	Criteria Satisfied
III	Assessment Period	256.50	Criteria Satisfied
II + III	Assessment Period	481.50	Criteria Satisfied

Signature of Applicant



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## Career Advancement Scheme(CAS) Forwarding Letter

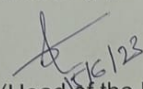
To  
The Registrar  
Jadavpur University

Dear Madam,

Prof./Dr./Mr./Ms. RANU BISWAS, a faculty member in the Department/School of PHARMACEUTICAL TECHNOLOGY, is applying for promotion under the "Career advancement scheme(CAS)" from Assistant Prof. (Stage 2) to Assistant Prof. (Stage 3).

I forward his/her application for submission to the University and for due consideration.

Thanking you

  
(Head of the Department/Director of School)

Date: 15/6/23

Seal      Head  
Dept. of Pharmaceutical Technology  
Jadavpur University  
Kolkata-700032, W.B. India