



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 1)

To : Stage/ Designation : Assistant Prof. (Stage 2)

(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	210016
2. Full Name	ABHISEK ROY
3. Father's Name / Mother's Name	ASHIS KUMAR ROY
4. Date of Birth	22-03-1990
5. Category	GEN
6. Differently Abled	No
7. Department / School	CIVIL ENGINEERING
8. Current Designation	Assistant Professor
9. Academic Grade Pay (AGP) / Level	6000/10
10. Highest Qualification	Ph.D
11. Date of last promotion , if any	
12. Date of eligibility for promotion	14-07-2022
13. Assessment Period (in years)	4
14. Address for correspondence	Flat No: B1, Building No: 61, Urban Sabujayan Complex, Jagatipota, P.O.: Mukundupur, Kolkata – 700 099
15. Permanent Address	Roypara, Bijpur, Po: Bijpur, Via : Searsole Rajbari, Dist : Paschim Bardhaman, Asansol, West Bengal, India, Pin : 713358
16. Mobile No.	8013189845
17. E-mail Id	aroy.civil@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
BACHELOR OF CIVIL ENGINEERING	JADAVPUR UNIVERSITY	2012	64.93%	II	Civil Engineering	View

B. Research Degrees:

Degree	Title of Dissertation/Thesis	Date of Award	Name of the University	Doc Link
MASTER OF ENGINEERING IN CIVIL ENGINEERING	Assessment Of Metallic Criteria Air Pollutants In Ambient Air	30-06-2015	JADAVPUR UNIVERSITY	View
DOCTOR OF PHILOSOPHY IN ENGINEERING	Immobilization Of Iron Based Arsenic Bearing Sludge In Cement Concrete And Mortar	03-07-2020	JADAVPUR UNIVERSITY	View



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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 System Engineer (Trainee)	TATA Consultancy Services Limited	23-07-2012	25-07-2013	323187	Higher Study	View
Senior Research Project Personnel	Global Change Programme, Jadavpur University	04-06-2015	28-12-2017	720000	Project Ended	View
Assistant Professor	Techno India-Batanagar	29-12-2017	12-07-2018	300000	Better Opportunity	View
Assistant Professor	Calcutta Institute of Engineering and Management	13-07-2018	22-01-2020	324000	Better Opportunity	View
Assistant Professor	Meghnad Saha Institute of Technology	24-01-2020	09-05-2021	444000	Better Opportunity	View

B.Posts held after Appointment at the University :

Designation	Department/School	From date	To date	Pay Scale	AGP/Level	Doc Link
Assistant Professor - Stage 1	CIVIL ENGINEERING	10-05-2021	14-07-2022	57700 - 182400	6000/10	View



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Part D. Teaching Experience :

A.Period of Teaching and / or Research Experience :

Level of Classes	No. of Years
PG Classes	1
UG Classes	5
Post-doctoral Research	1
Doctoral Research	3

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

ENVIRONMENTAL ENGINEERING: SUSTAINABLE MANAGEMENT OF HAZARDOUS WASTE; AIR POLLUTION MONITORING AND MODELLING.



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

Program(s) / Course(s) Attended :

Title of the Course	Place	Duration (No. of Weeks)	Period : From Date- To Date	Doc Link
4-WEEK INDUCTION/ ORIENTATION PROGRAMME FOR FACULTY IN UNIVERSITIES/ COLLEGES/ INSTITUTES OF HIGHER EDUCATION	ONLINE (TEACHING LEARNING CENTRE, RAMANUJAN COLLEGE, UNIVERSITY OF DELHI)	4	20 MAY, 2022 – 18 JUNE, 2022	View
TWO WEEK FDP/ INTER DISCIPLINARY REFRESHER COURSE ON “ADVANCED RESEARCH METHODOLOGY”	ONLINE (TEACHING LEARNING CENTRE, RAMANUJAN COLLEGE, UNIVERSITY OF DELHI)	2	22 APRIL, 2022 – 06 MAY, 2022	View



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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	559	70.00	70.00	View
2.	Examination duties (question paper setting, Invigilation, evaluation of answer scripts etc.) (self declaration)	20	283	20.00	20.00	View
3.	Innovative Teaching-learning methodologies, updating of subject contents/courses, mentoring etc. (self declaration)	10	203	10.00	10.00	View
Total				100.00		



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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	426	15.00	15.00	View
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	174	15.00	15.00	View
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	122	12.20	12.20	View
Total			42.20		

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	Assessment and development of air quality forecasting models by the combination of PCA and ANN at metropolis Kolkata, India	5	First and Corresponding author	0	Research Journal of Chemistry and Environment	Volume – 26, Issue – 1, Year - 2022, ISSN 0972 0626, Page 110 - 124	UGC Care List	0.000	None	View	25.00	25.00
2	2022	COVID-19 Lockdown: Lessons learnt using multiple air quality monitoring station data from Kolkata city in India	6	Corresponding author / supervisor / mentor	0	Research Journal of Chemistry and Environment	Volume – 26, Issue – 3, Year - 2022, ISSN 0972 0626, pp 102 -115	UGC Care List	0.000	None	View	25.00	25.00
3	2020	Degradation of Air Quality (PM10) with Seasonal Change and Health Risk Assessment in Metro City Kolkata	4	Other co-author	3	International Journal of Advancement in Life Sciences Research	ISSN:2581-4877, Volume 3(1)24-31	Other reputed journal as notified by UGC	0.000	None	View	10.00	10.00
4	2020	Long-term electrode behavior during treatment of arsenic contaminated groundwater by a pilot-scale iron electrocoagulation system	4	Other co-author	2	Water Research	Volume 175, 15 May 2020, 115668	UGC Care List	13.400	View	View	28.75	28.75
5	2020	Performance assessment of roadside PM10 forecasting models	4	Corresponding author / supervisor / mentor	0	Research Journal of Chemistry and Environment	Volume – 24, Issue – 7, Year - 2020, ISSN 0972 0626 Page 1 -11	UGC Care List	0.000	None	View	25.00	25.00

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
6	2020	Off-grid hybrid renewable energy system-A solution to the problem of increasing particulate pollution scenario in the mangrove ecosystem of Sundarbans, India	4	Corresponding author / supervisor / mentor	0	Indian Journal of Environmental Protection (IJEP)	Volume – 40, Issue – 2, Year - 2020, ISSN 0253-7141, pp 207 - 215	UGC Care List	0.000	None	View	25.00	25.00
7	2019	Concrete stabilization of arsenic bearing iron sludge generated from an electrochemical arsenic remediation plant	5	First and Corresponding author	0	Journal of Environmental management (Elsevier)	Volume – 233, Year - 2019, ISSN 0301-4797	UGC Care List	8.910	View	View	39.00	39.00
8	2019	Strategies for successful field deployment in a resource-poor region : arsenic remediation technology for drinking water	9	Other co-author	8	Development Engineering	Volume – 4, Year - 2019, ISSN 2352 7285	UGC Care List	0.000	None	View	25.00	25.00
9	2019	Particulate Matter And Its Influence On Air Quality For Mumbai And Agra	5	First author	0	Indian Journal of Environmental Protection	ISSN: ,Volume 39(12), pp:1075-1083	UGC Care List	0.000	None	View	25.00	25.00
											Total	227.75	

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
1	2019	Book Chapter/ Conf. Proceedings	Sustainable management of arsenic bearing sludge	Waste Management and Resource Efficiency	5	Springer Nature	International	9789811072901	View	2.00	2.00
2	2019	Book Chapter/ Conf. Proceedings	Leachate and Septage Management of Model Regional Waste Management Centre of Six Waste Bank Municipalities of River Hoogly	Waste Management and Resource Efficiency	3	Springer Nature	International	9789811072901	View	3.33	3.33

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
3	2020	Book Chapter/ Conf. Proceedings	Water Pollution and Treatment Technologies	Environmental Management: Issues and Concerns in Developing Countries	3	Springer	International	978-3-030-62528-3	View	3.33	3.33
									Total	8.66	

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
1	Environment, Development and Sustainability	Delivering Arsenic-free Drinking Water - Made Practically Possible:Continuous-scale Electrocoagulation Process	2020	View	View	5.00	5.00
2	Environment, Development and Sustainability	Delivering Arsenic-free Drinking Water - Made Practically Possible: Continuous-scale Electrocoagulation Process	2019	View	View	5.00	5.00
3	Environment, Development and Sustainability	One District One Factory Policy, a transition to a low-carbon habitable economy?	2019	View	View	5.00	5.00
					Total	15.00	

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
1	ASHES SARDAR	ME	TREATMENT OF LANDFILL LEACHATE BY ELECTROCOAGULATION	Degree awarded	View	5.00	5.00
2	ARUNASHIS MONDAL	ME	Numerical Investigation of Various Passive Control Techniques in Indoor Air Pollution	Degree awarded	View	5.00	5.00
					Total	10.00	

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
					Total	None	

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	Invited Lecture	Emission & Emission Inventory	Short course on "AIR & WATER POLLUTION" under GREEN SKILL DEVELOPMENT PROGRAMME (GSDP)	Department of Civil Engineering, Jadavpur University; Sponsored by MOEF&CC, under the auspices of CPCB, GOI	Department of Civil Engineering, Jadavpur University	03/10/2018 to 07/12/2018	National	View	5.00	5.00
2	Invited Lecture	Introduction to Air Pollution: What is Air Pollution, Type of Pollutants, Particulate Matters & Gaseous Pollutants	Short course on "AIR & WATER POLLUTION" under GREEN SKILL DEVELOPMENT PROGRAMME (GSDP)	Department of Civil Engineering, Jadavpur University, Sponsored by MOEF&CC, under the auspices of CPCB, GOI	Department of Civil Engineering, Jadavpur University	03/10/2018 to 07/12/2018	National	View	5.00	5.00
3	Paper presented	Investigation on Arsenic Leaching from Sludge Embedded Concrete for Different Size Ranges using TCLP	National Conference on Sustainable Advanced Technologies for Environmental Management	Department of Civil Engineering, I.I.E.S.T. Shibpur	I.I.E.S.T. Shibpur	28/06/2017 - 30/06/2017	National	View	3.00	3.00

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
4	Paper presented	Stabilization of Arsenic Remediation Plant Generated Arsenic Sludge in Building Materials	one day National Seminar on "Groundwater Arsenic Contamination Problem in Ganga-Megna-Brahmaputra (GMB) Plain : It's Health Effects Socio-Economic Implications & Mitigation Strategies"	Vijaygarh Jyotish Ray College, and Jadavpur University	Vijaygarh Jyotish Ray College	25/03/2019	National	View	3.00	3.00
5	Invited Lecture	Arsenic Contamination of Groundwater in GMB Plain and Mitigation Technologies	Delivered a lecture at the Webinar organized by the Department of Civil Engineering and ECO Club of Greater Kolkata College of Engineering and Management	The Department of Civil Engineering and ECO Club of Greater Kolkata College of Engineering and Management	Online	05/01/2022	National	View	5.00	5.00
6	Invited Lecture	Arsenic contamination in GMB plain and its mitigation technologies	Delivered a lecture on invitation for the undergraduate students of Civil Engg. Dept., Aliah University	Department of Civil Engineering, Aliah University	Department of Civil Engineering, Aliah University	03/03/2022	National	View	5.00	5.00
								Total	26.00	

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
				Total	None	



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ABHISEK ROY - Final Report

Stage / Designation From:	Assistant Prof. (Stage 1)
Stage / Designation To:	Assistant Prof. (Stage 2)
Date of last promotion, (if any) :	
Date of eligibility for promotion :	14-07-2022
Assessment Period (no.of years):	4

API Score Summary

Category	Period	Self Appraisal Score	Status
I	Yearly	100.00	Criteria Satisfied
II	Assessment Period	168.80	Criteria Satisfied
III	Assessment Period	287.41	Criteria Satisfied
II + III	Assessment Period	456.21	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. ABHISEK ROY, a faculty member in the
Department/School of CIVIL ENGINEERING, is applying for promotion
under the "Career advancement scheme(CAS)" from Assistant Prof. (Stage
1) to Assistant Prof. (Stage 2).

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

Thanking you

(Head of the Department/Director of School)

Date: 31/5/23

Seal

Head
Department of Civil Engineering
Jadavpur University
Kolkata-700 032