

Mr. Jaidip Wable



Curriculum – Vitae

Name	Jaidip Babasaheb Wable
Permanent address	A/P: - Rui, Tal: - Rahata, Dist.: - Ahmednagar Pin- 423109
Residential Address	Flat No. 1106, Amar Galaxy, Near Vrundavan Society, Ganesh Nagar, Dombivli (west) Pin : 421202
Phone	7021227206, 8652095226
E-mail:	jbwable@vpnthane.org
Date of birth	16 th Jan 1986
Marital Status	Married
Designation	Assistant Professor at V P M's B N Bandodkar College of Science, Thane.
Academic Qualification	MSc. Organic Chemistry, NET JRF, PhD (Synopsis submitted)

I) Academic Qualification

Degree	Board/ University	Subjects	Year of Passing	Institution/ College/ Research Center	%	Class
S.S.C	Pune	All	March-2001	J. K. M. V. Rui	73.73	Distinction
H.S.C	Pune	All	Feb-2003	S. S. G. M. College, Kopargaon	70.70	Distinction
B.Sc.	Pune	Chemistry	July-2006	S. S. G. M. College, Kopargaon	87.30	Distinction
M.Sc.	Pune	Organic Chemistry	June-2008	R. Y. K. College Nashik(Pune University affiliated college)	69.55	First Class
NET- JRF	UGC	Chemical Science	June-2010	--	295/972	Qualified
Ph. D	Mumbai	Click chemistry (Synthesis of 1,2,3- Triazole)		K. J. Somaiya college of Sci & Comm Vidyavihar	Registration No. & Date 127/07-02- 2018	Synopsis submitted

II) Industrial Work Experience:-

Sr. No.	Name of Organization	Nature	Duration
1.	Research Support International Limited, Ghodbunder road Thane(west)	Trainee Chemist	1 year

III) Academic Experience:-

Sr. No.	Name of College	Period	Nature	Duration
1.	Radhabai Kale Mahila Mahavidyalaya Ahmednagar (Rayat Shikshan Sanstha Satara)	16 August 2011 to last Sem of 28 Nov. 2012	Asst. Prof	Two Year
2	R. B. Narayan Rao Borawake College Shirampur	21 August 2013 to last Sem of 2015	Asst. Prof	Two years
3.	K. J. Somaiya College of Science and Commerce Vidyavihar, Mumbai	5 th Oct 2015 to 25 th July 2024	Asst. Prof	Nine years
4.	B N Bandodkar College of Science	26 th July to till now	Asst. Prof.	

IV) Ph. D:-

Title	Registration No. & Date	Status
Synthesis and Screening of 1, 2, 3-Triazole containing flavonoid derivatives by Click Chemistry.	127/07-02-2018	Synopsis submitted

V) Minor research Project:- (Completed)

Sr. No.	Title	Research Project No.	Funding agency	Amount sanctioned
1.	Synthesis of organochalcogen compound and study their reactivity towards d ⁸ -d ¹⁰ metal precursors.	R-72 (120)	Mumbai university	Rs 30000.00

VI) SEED MONEY FROM COLLEGE:

Sr. No.	Title	Funding agency	Amount sanctioned	Year
1.	A process of extraction of glycogen from Eviscerated organs of fish	K J Somaiya College of science and commerce Vidyavihar, Mumbai	23,000/-	2021-2022
2.	Synthesis, characterization of paracetamol based 1,2,3-triazole by click reaction and to evaluate antibacterial, anti-fungal, anti-inflammatory and anti-cancer activity.	K J Somaiya College of science and commerce Vidyavihar, Mumbai	1 Lakh	2023-2024

VII) Patent: (Indian Patent Granted) {02}

Sr. No.	<u>Title of Patent</u>	<u>Application Number/Ref Number</u>	<u>Publication date</u>	<u>Date of Grant</u>
1.	A process of extraction of glycogen from Eviscerated organs of fish	202121032870	03/06/2022	11/10/2023
2.	Substituted 1,2,3-triazole as an antioxidant agent	202210617119A	11/11/2022	09/10/2023
3.	1,2,3-Triazolyl-Pyrazolone compounds as therapeutically active Agents	<u>202421056545</u>	<u>16/08/2024</u>	24/02/2025

VIII) Design patent by student : (Work as Mentor)

Sr. No.	<u>Title of Design Patent</u>	<u>Design Number</u>	<u>Date of Grant</u>
1.	Bandage	372053-001	27/09/2023

IX) Patent: (Indian Patent Published) {02}

Title of Patent	Application Number/Ref Number	Publication date
Analysis of an enantioselective oxidative spiroketalization	202221044469	19/08/2022

X) Research Paper Published:

- 1) Synthesis of Nickel pre cursors derived from 1,1'-Bis(Diphenylchalcogenophosphoryl) Ferrocen Analogue and their catalytic oxidation reaction srudies. Russ. J. Inorg. Chem. (2022).
<https://doi.org/10.1134/S003602362208006X>**
- 2) Synthesis and antibacterial screening of thiazolyl pyrazole containing chromones and aurones. Hetreocyclic Letters Vol. 12|No.3|571-576
[May-July] 2022 ISSN: (print) 2231-3087 / (online) 2230-9632 CODEN:HLEEAI
<http://heteroletters.org>**
- 3) New 1,2,3-Triazole-Tethered Chalcone Derivatives: Synthesis, Bioevaluation and Computational Study, Polycyclic Aromatic Compounds, DOI: [10.1080/10406638.2023.2276239](https://doi.org/10.1080/10406638.2023.2276239)**
- 4) Synthesis and antimicrobial evaluation of (E)-2-(4-((4-((1-(2,4-dichlorophenyl)-3-methyl-5-oxo-1,5-dihydro-4H-pyrazol-4-ylidene)methyl)-2-methoxyphenoxy)methyl)-1H-1,2,3-triazol-1-yl)-N-phenylacetamide derivatives. Russian Journal of General Chemistry**
- 5) Synthesis and Antimicrobial Evaluation of (E)-2-(4-((4-((1-(2,4-Dichlorophenyl)-3-methyl-5-oxo-1,5-dihydro-4H-pyrazol-4-ylidene)methyl)-2-methoxyphenoxy)methyl)-1H-1,2,3-triazol-1-yl)-N-phenylacetamide Derivatives. Russian Journal of Bio-organic chemistry, 51, 151–159 (2025).
<https://doi.org/10.1134/S1068162025010091>**
- 6) Design, Synthesis, Structural Analysis, And Microbial Activity of New 1,2,4-Triazol-3-One-Based Heterocyclic Derivatives. Afr. J. Biomed. Res. Vol. 28(1s) (January 2025); 1839-1865.**

XI) Research Paper Communicated:

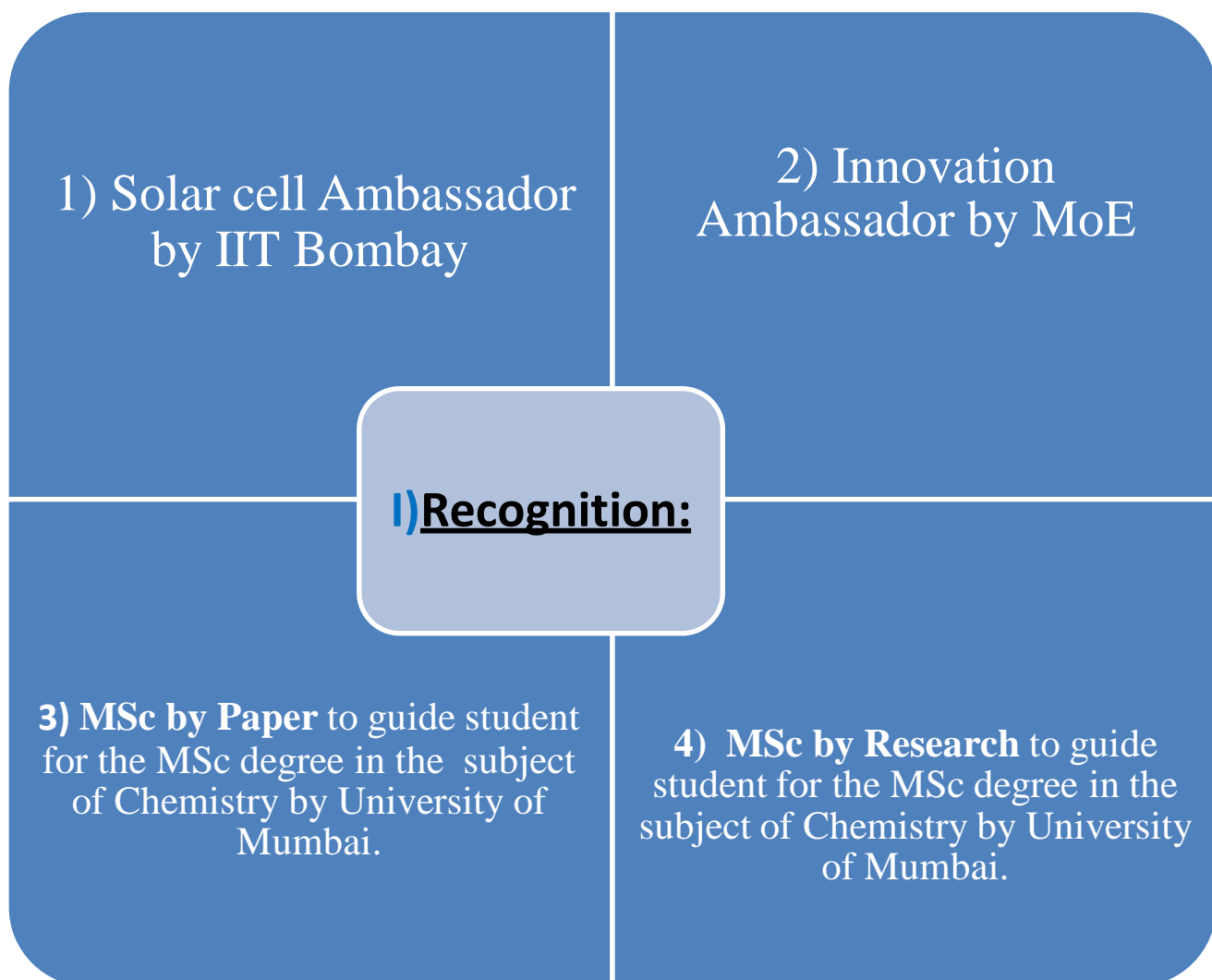
- 1) **Synthesis, Molecular Docking and Antimicrobial Activity of Novel (E)-2-(4-((2-(3(5-chloro-2-hydroxyphenyl)-3-oxoprop-1-en-1-yl)-4-fluorophenoxy)methyl)-1H-1,2,3-triazol-1-yl)-N-phenylacetamide Derivatives.**

Journal : Analytical chemistry letters: Submission ID: 248031719

- 2) **Synthesis and antimicrobial evaluation of (E)-2-(4-((4-((1-(2,4-dichlorophenyl)-3-methyl-5-oxo-1,5-dihydro-4H-pyrazol-4-ylidene)methyl)-2-methoxyphenoxy)methyl)-1H-1,2,3-triazol-1-yl)-N-phenylacetamide derivatives**

Russian Journal of General Chemistry. (Ref No GenChem2560022Wable)

3) Recognition



4) Award:

Received Prestigious Smt. Sakarben K. Somaiya Award for Promising Teacher (Best Teacher Award 2018)





Appreciation by management for Contribution in Innovation Ecosystem in NAAC



Appreciation by management for Patents Grant (2)

5) Research Papers Published in Conference/Workshop:

Sr. No.	Title of Paper	Conference/Workshop	Date
1.	A new insight on the synthesis of 2,4,5- Triaryl -1H-imidazole in the ZnO nano particle as catalyst	UGC sponsored National conference on Recent Trends in co-ordination chemistry	4, & 5 October 2013
2.	Facile regeneration of carbonyl compounds from various hydrazone derivative	6 th International Congress of Environmental Research International Conference in Maulana Azad College of Arts Science and Commerce	26 th Feb 2014
3.	Synthesis & characterization of Thiophene anchored pyrazolyl Pyrazoline.	Emerging Trends in Chemical Science (ETCS-2015)	25 th Jan 2015
4.	Estimation of Hydroxyl methyl furfuraldehyde from various food stuff	National Conference in Physical & Chemical ScienceS S G M College Kopargaon	August 2015
5.	Synthesis and characterization of some novel thiophene anchored sulfonamide derivatives of biological interest.	UGC-Sap sponsored International conference on New Horizons in synthetic and materials chemistry (ICSMC-2015)	Nov 26-28, 2015
6.	Preparation of Copper chalcogenides nanoparticles by single source precursor method.	One day national seminar on New Horizon in Chemical and Environmental science	30 th Jan 2016
7.	Comparison between hemilabile and labile ligands	National symposium on Green Approach in Synthetic chemistry	27 th Feb 2017

8.	To synthesize hemilabile dichalcogenides ligands systems	National Conference on “Industry, Academia and Environmental Challenges” NCIAE-2017.	22 nd and 23 rd December 2017
9.	Nano-chemistry: A scintillated prospect of science	Recent developments in chemical sciences ISBN-978-93-83401-33-8	22 nd and 23 rd December 2015
10.	Synthesis of Copper and Silver chalcogenides	Recent developments in chemical sciences ISBN-978-93-83401-33-8	22 nd and 23 rd December 2015
11.	Synthesis, characterization and antimicrobial activity of substituted 1,2,4 – triazoles.	Two days International-conference on Recent Advancement in chemical sciences: Health, Environment and Society (ICRACS-2022)	8 th to 9 th April 2022
12.	Synthesis and biological evaluation of flavonoids containing 1,2,3-Triazoles using Click chemistry approach	Two days International-conference on Recent Advancement in chemical sciences: Health, Environment and Society (ICRACS-2022)	8 th to 9 th April 2022

6) Recently Guided MSc (by paper) students for their research projects: (14 students)

Sr. No	Academic Year	Name of the student	Research Project Title
1.	2017-18	Ms. Dipika Gurav	Synthesis of organochalcogen compound.
2.	2018-19	Narendra Mandare	Photophysical characterization of fluorescent diphenyl and triphenylamine dyes
3.	2019-20	Hitesh Wagadia	Selective targeting of cancer cells by chemical approach of bleomycin sachharide-platinum conjugates.
4.	2019-20	Prutha Hiwarkar	Site directed mutagenesis of thermo stable CuA protein for achieve binding of different unnatural metal ions for developing potential biocatalysts
5.	2020-21	Sara Mulla	Synthesis of 1,2,3-Triazole by Click Chemistry
6.	2020-21	Shrushti Modh	Synthesis of 1,2,3-Triazole by Click Chemistry
7.	2020-21	Tanmoy Dutta	Synthesis of 1,2,3-Triazole by Click Chemistry
8.	2021-22	Pooja Prajapati	Synthesis and structural characterization of halogen containing chromone.
9.	2021-22	Dhwani Shah	Synthesis and structural elucidation of halogen containing chalcone
10.	2021-22	Pristine Lasrado	Synthesis of Pyrazol aldehyde derivative of Ferrocene (1H-3-ferrocenyl-1-phenylpyrazole -4-carboxaldehyde) from Ferrocene.
11.	2021-22	Priyanka Hingad	A study of Nitrosamines and Synthesis of N-Nitrosoimpurities
12.	2022-23	Hrithik Jadhav	Synthesis of pyrazolone containing 1,2,3-triazoles.
13.	2022-23	Kritika Gurav	Synthesis of β -carboline Boron complexes and evaluation of their photophysical properties
14.	2022-23	Chaitanya Mehta	Design and synthesis of Lysosome targeting Quinoline-Stilbene hybrids for the study of anti-cancer activity.
15.	2023-24	Shraddha Kasare	Synthesis of derivatives of chromones by Vilsmeier-Haack formylation,
16.	2023-24	Vishal Vaishnav	Synthesis, characterization and applications of transition metal catalyst
17.	2023-24	Suraj Gupta	Synthetic studies towards Miyakosyne A
18.	2023-24	Soham Chavan	Synthesis and conjugation of Cadmium based Quantum dots for the selective detection of creatine in urine samples through the fabrication of rapid test kits

7) Conferences, seminars, Symposia, Workshops etc. attended:-

Sr. No.	Name of Conferences, Seminars, Symposia, workshops etc.	Name of sponsoring agency	Place & Date
1.	National conference on Upcoming Trends in Chemical Science, UTCS-2013	UGC-New Delhi	Shri Anand College, Pathardi, September 2013
2.	National Conference on Recent Trends in Co-Ordination Chemistry	UGC-New Delhi	Karmaveer Bhaurao Patil College , Vashi
3.	International Conference Harmony-2013	Gorakhpur University	D.D.U. Gorakhpur University, Gorakhpur , India
4.	International Conference on Emerging Horizons in Biochemical Sciences & Nanomaterials (EHBCSN-2013)	UGC-New Delhi	Shri Shivaji Mahavidyalaya, barshi
5.	6 th International Congress of Environmental Research	Journal of environmental Research & Development	Dr. Rafiq Zakaria Campus , Maulana Azad College
6.	Emerging Trends in Chemical Science (ETCS-2015)	BCUD-Pune	P. V. P. College , Pravaranagar Jan-2015
7.	National Conference in Physical & Chemical Science	U.G.C. New Delhi	S. S. G. M. College, Kopergaon Aug-2015
8.	International conference on New horizons in synthetic and material chemistry	UGC-SAP sponsored	University of Mumbai Nov. 2015
9.	National conference on Recent developments in chemical sciences (RDCS-2015)	B.C.U.D. Pune sponsored	R. K. M. M. Ahmednagar Dec. 2015
10.	Workshop on safety in chemical laboratory	K. J. Somaiya college of Sci. & Comm. Vidyavihar	K. J. Somaiya college Vidyavihar Dec. 2015
11.	Seminar on scientific writing	K. J. Somaiya college of Sci. & Comm. Vidyavihar	K. J. Somaiya college Vidyavihar Jan 2016
12.	National seminar on New horizons in chemical and environmental science	Under star college funding	K.B.P college Vashi Jan. 2016
13.	Workshop on Spectroscopy	K. J. Somaiya college of Sci. & Comm. Vidyavihar	K. J. Somaiya college of Sci. & Comm. Vidyavihar 26 to 31 st Dec 2016
14.	National Conference on Academic and Administration Audit	NAAC sponsored	K. J. Somaiya college of Sci. & Comm. Vidyavihar. 13 th -14 th Jan 2017

15	National Symposium on Green approach in synthetic Chemistry	Department of chemistry K.B.P college Vashi	K. B. P. College Vashi 27 th Feb 2017
16	Two day National level conference on NCIAEC-2017	Department of Chemistry, Botany, Zoology	Radhabai Kale Mahila Mahavidyalaya Ahmednagar on 22-23 rd December 2017
16	One day symposium on stem cells & cancer –India 2018`	Sathgen biotech, NCCS, Somaiya group	K. J. Somaiya college of Sci. & Comm. Vidyavihar 5 th Feb 2018
17	Workshop on research methodology at SIES college of commerce and economics, Sion west	SIES college of commerce & Economics.	SIES college of commerce & Economics. 11 th August 2018
18	One day regional workshop on Orientation of participating institutes to initiate works in Adopted villages clusters (UNNAT BHARAT ABHIYAN 2.0)	MHRD government of India	Sant Gadge Baba Amravati University, Amravati Held on 16 th March 2019.
19	Two day Induction Programme on Communication Skills	Rambhau Mhalgi Prabodhini and KJSSC	Rambhau Mhalgi Prabodhini On 13-14 July 2019
20	Workshop on Avishkar research convention 2018-19	Department of students development, Mumbai university	Taloni College of commerce, Andheri (E) , Mumbai 4 th Sep. 2018
21	Workshop on Avishkar Research Convention 2019-2020	University of Mumbai and KJSSC	K. J. Somaiya college of Sci. & Comm. Vidyavihar, 16 th August 2019.
22	Regional Orientation session IIC 2.0 and ARIIA 2020.	MHRD,s Innovation Cell	Acropolis Institute of Technology & research, Indore, Madhya Pradesh On 19 th August 2019.
23	Regional Orientation Session IIC 5.0, YUKTI, ARIIA	MoE' Innovation Cell	Symbiosis University Pune, Maharashtra. 01/08/2022

8) Guest Lecturer/Resource person/External Practical Examiner

Sr. No.	Topic	Name of College
1.	Pericyclic Reactions	A.C.S. College Rahuri
2.	Spectroscopy	R.K.M.M. Ahmednagar
3.	Pericyclic Reactions	R.B.N.B .College Shrirampur
4.	External Practical Examiner	K.B.P. College Vashi
5.	External Practical Examiner	Wilson College
6.	Visiting Faculty (2020-21)	S K Somaiya College (Somaiya University)
7.	External Examiner (2021- 2022)	K.B.P. College Vashi
8.	Resource Person	Abasaheb Marathe Arts, Science, Commerce College Rajapur, (2021-22, 2022-23)
9.	External Examiner (MScPart II Organic chemistry 2022-23)	SIES College, Sion
10.	Visiting Faculty (2022-23)	Ramnarain Ruia College, Matunga

- 1) **Avishkar Research Convention:** Worked as Mentor in Avishkar research convention competition.
- 2) **Skilled Based Project:** Worked as guide in different Chromatographic techniques.

9) Co-Curricular/Extra curricular Activities:

As a Co-Ordinator:

1.	Convener Innovation Ecosystem: Organized various events based on startup, Entrepreneurship, IPR, Angel investors, Success stories of successful entrepreneurs
2.	Coordinator Students Outreach Program: Organized “Detection of adulterations in various food” program in various schools and distributed food adulteration kits
3.	Spectroscopy Workshop: Every year we do invite stalwarts in this field in our college for workshop on spectroscopy for UG & PG students.
4.	Stereochemistry Workshop: Every year we do invite stalwarts in this field in our college for workshop on stereochemistry and exhibit various models for UG & PG students
5.	MSc. Part II Organic Chemistry coordinator. I do look after following: Lectures, practicals, internal exams, research project, internship, activities for students.
6.	ARIIA Co-coordinator: Worked as coordinator of Atal Ranking of Institution on Innovation achievements (ARIIA) now NIRF innovation
7.	FY and SY Biotech, chemistry coordinator I do look after following: Lectures, practical, internal exams.
8.	As President of Institution’s Innovation Council (IIC) 2.0, 3.0, 4.0, 5.0MHRD Driven. (Ministry of Education MoE)
9.	College Co-coordinator for Workshop on Avishkar Research Convention held at K. J. Somaiya College of Sci. and Comm. Vidyavihar collaboration with University of Mumbai.
10.	International Year of Periodic Table (IYPT) program coordinator initiated by UNESCO.
11.	Impact lecture series I in collaboration with Ministry of Education Innovation cell Government of India.
12.	Impact lecture series II in collaboration with Ministry of Education Innovation cell Government of India.
13.	Impact lecture series III in collaboration with Ministry of Education Innovation cell Government of India.
14.	PM-USHA (member) : Applied proposal to PM-USHA cost 5 Cr.

10) Co-Curricular Activities/ Administrative Duties as a Member:

1) Research Extension & consultancy	2) Science Association
3) NAAC committee	4) CAP committee
5) Students' activities	6) Information cell
7) Research promotion and development cell	8) Innovation/ Incubation and Entrepreneurship cell
9) Placement Cell	10) Solar cell Ambassador (GGY)
11) UBA 2.0	12) IIC KJSSC

11) Achievements:

- 1) Secured '**O Grade**' in Induction Program at **IISER Pune** a scheme by PMMMTT by MHRD,
- 2) In Avishkar research Convention one project got selected for **state level 2016** and ranked fifth at state level.
- 3) In Avishkar research Convention one project got selected for **University level 2017** and ranked 3rd.

12) REFERENCES:

- 1) Dr. Pradnya Prabhu (Principal)
K J Somaiya College of Science and Commerce, Vidyavihar, Mumbai
pradnya.prabhu@somaiya.edu
9820009267
- 2) Dr. Dinanath Patil (Principal)
S. B. Santuji Thorat College of Arts, Science & Commerce, Sangamner
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9420638003

Declaration

I hereby declare that according to the best of my knowledge, the information furnished above is true and correct.



Mr. Wable J.B.

Assistant Professor

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