



Rayat Shikshan Sanstha's
Yashavantrao Chavan Institute of Science, Satara (Autonomous)
Lead College of Karmaveer Bhaurao Patil University, Satara

Faculty Profile



❖ **General information**

Name : Atar Roshani Usman
Co-Ordinator, Dept. of Artificial Intelligence
Designation : Assistant professor
Department : Computer Science
Educational Qualification : M.Sc. Computer Science, SET
Date of Appointment : 07/07/2014
Teaching Experience : UG: 8 years
 PG: 2 years
Research Experience : 1 years
Research Area : Artificial Intelligence, Machine Learning

❖ **Educational Qualification Details (undergraduate onwards)**

Sr. No.	College/University	Degree	Subjects	Year	Class/ Percentage
1	Savitribai Phule Pune University, Pune	SET	Computer Science And Applications	2021	-
2	Nowrosjee Wadia College, Pune	M. Sc.	Computer Science	2013	55.67
3	Yashavantrao Chavan Institute of Science, Satara	B. Sc.	Computer Science	2011	73.60
4	Yashavantrao Chavan Institute of Science, Satara	H.S.C	Physics, Maths, English, Chemistry, Biology	2008	68.17
5	Kolhapur Board	S.S.C	Science, Maths, English, History, Marathi, Hindi	2006	85.20

❖ **Academic and Administrative Responsibilities**

Sr. No.	Position	Organization	Date/Duration
1	Coordinator	Department of Artificial Intelligence (Entire)	2023-24
2	Incharge	Department of Computer Science (Optional), YCIS, Satara	2022 – 23
3	BOS Member	School of Computing Science, YCIS, Satara	2021 to 2024
4	Co-coordinator	National Conference on “Innovative Trends in Electronics and Allied Technology” (ITEAT-2017) organized by Department of Electronics and Computer Science, Yashavantrao Chavan Institute of Science, Satara	23 rd Feb 2017

❖ **Awards/Honors/Recognitions/Scholarship etc.:**

Sr. No.	Name of the award/honor/recognition	Awarding Organization	Date and year
1	Innovative Teacher Award	Yashavantrao Chavan Institute of Science, Satara	27 th April 2023
2	Appreciation Letter for publishing a patent	Rayat Shikshan Santha, Satara	29 th July 2022
3	Meritorious Student Certificate	Yashavantrao Chavan Institute of Science, Satara	

❖ **Membership to Professional Organizations/Associations:**

Sr. No.	Membership type (Annual/Life/any other)	Organization/Association	Date and year
1			

❖ **Worked as Editor/Reviewer to Journals/Books/Proceedings etc.**

Sr. No.	Name of the Journal/Book/Proceedings	ISSN/ISBN No.	Assignment (Editor/Reviewer)	Publisher	Publication year
1					

❖ **Research Projects (Ongoing/Completed)**

Sr. No.	Title of Project	Duration	Amount Sanctioned (in Lakhs)	Agency	Status (Ongoing/Completed)
Major Research Project					
1	-				
Minor Research Project					
1	Artificial Intelligence approach for weed detection and soil analysis	1 yr	25000/-	Center of AIAD, YCIS, Satara	Ongoing

❖ **Details of Research Publications**

A) Patent

Sr. No.	Title	Patent No.	Indian/US/Any other	Granting date
1	A FILAMENT MONITORING SYSTEM FOR A 3D PRINTING MACHINE	202021054345	Indian	Published

B) Research papers:

Sr. No	Title of paper	Journal/proceeding details (Name, volume, page no, year of publication etc.)	ISSN No	Listed in Scopus/Web of Science/ UGC Care	Impact factor (If any)
1	REANALYSIS SYSTEM-An exams result analysis system	International Journal for Research in Applied Science & Engineering Technology (IJRASET) ID: IJRASET50756, Volume 11, Issue IV, April 2023	2321-9653	UGC Care	7.429
2	Automated Leave Management System for Colleges/ Universities	International Journal of Scientific Research in Engineering and Management (IJSREM), Volume 06, Issue 1 January 2022	2582-3930		-

C) Paper Presentation in Conference /Seminar/ Symposia:

Sr. No	Title of paper	Name of the Conference /Seminar/ Symposia Details (Title, Date, Page No etc.)	Level (Intl/Natl/State /Uni etc.)	Organizing institute
1	“Artificial Intelligence”	“Modern Approach for Green Electronics and Computing” (MAGEC-2014), Satara, ISBN: 978-81-928732-2-0, 29 th -30 th September 2014	National	Yashavantrao Chavan Institute of Science, Satara
2	“Artificial Intelligence in Cyber Security”	“Innovative Trends in Electronics and Allied Technology” (ITEAT-2017), Satara, 23 rd February 2017	National	Yashavantrao Chavan Institute of Science, Satara
2	“An Automated smart campus placement system using cloud computing”	International Conference on Emerging Trends and Challenges in Electronics and Computing (ETEC-2021)” 4th -6th March 2021	International	Yashavantrao Chavan Institute of Science, Satara

3	“A Study of Fraud Detection Algorithm Using Machine Learning Techniques”	International Conference on “Advances in Computational Sciences”, (ICACS-2022), 20th -21st May 2022	International	Yashavantrao Chavan Institute of Science, Satara
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❖ **Participation in Orientation/Refresher/FDP/Short Term/Training Programs:**

Sr No	Name of the programme	Organizing institute	Date
1	National Seminar on Sustainable Agriculture and Smart Technology(SAST-2023)	Department of Electronics and Computer Science, Yashavantrao Chavan Institute of Science, Satara	16 th March 2023
2	Maharashtra State Development of Educators and Enhancement in Delivery (MS-DEED) Programme Level 1 workshop on Innovative pedagogies for undergraduate teachers	YCIS, Satara in collaboration with IISER,Pune	15th -17th Feb, 2023
3	Five days Faculty Development program on Power Skills for Professional Development	Yashavantrao Chavan Institute of Science, Satara	23 rd -27 th August 2022
4	7 weeks training of trainer and hands on workshop on Artificial Intelligence	Department of Mathematics under Skill Course and Centre of Excellence in Artificial Intelligence Applications under RUSA, YCIS, Satara	28 th March-1 st July 2022
5	Faculty Exchange program Under RUSA with MIT Arts, Commerce and Science College, Alandi (D.), Pune	Yashavantrao Chavan Institute of Science, Satara	13 th -20 th March 2022
6	MSME Skill Technika Government Certified Online Industrial Training for College Faculties on Artificial Intelligence (AI) & Internet of Things (IoT)	Skill Technika in partnership with MSME Technology center,Mumbai IDEMI.	April 19 - May 09, 2021
	Five week online faculty development and student training program on “Creativity, Innovation and problem solving”	Yashavantrao Chavan Institute of Science, Satara	(Month-Oct-Nov 2020)

❖ **Participation in Conference/Seminar/Symposia/Workshop/Any other programs:**

Sr. No	Name of the event	Organizing institute	Level (Intl/Natl/ State/Uni/Local etc.)	Date
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1	One day workshop on Implementation of NEP-2020	Karmveer Bhaurao Patil University and IQAC, Chhatrapati Shivaji College, Satara (Autonomous) Under RUSA	Local	2 nd March 2023
2	Two days workshop on NVIDIA Deep Learning	Central University of Karnataka, Kalburgi in association with NVIDIA and Digital track solutions, School of Computing Science	National	25 th -26 th July 2022
3	One day national seminar on National Education Policy- 2020	IQAC and IIC cell under the agies of UGC paramarsh scheme , YCIS, Satara	National	23 rd January 2021
4	One Week online faculty development program on Arduino association with Spoken tutorial project, IIT Bombay	association with Spoken tutorial, IIT Bombay	Local	28 th April-04 th May 2020
5	One Week online faculty development program on Boss Linux operating System	association with Spoken tutorial, IIT Bombay	Local	15 th April-21 st April 2020
6	One day workshop on Intellectual Property Right (IPR) for Academia and industry for technology collaboration and transfer sponsored by UGC paramarsh scheme	YCIS-CIII and IQAC, Yashavantrao Chavan Institute of Science, Satara	Local	14 th March 2020
7	15 days Competency course on Product design and developments	Tata technologies and Center for Invention, Innovation and Incubation (YCIS-CIII), Yashavantrao Chavan Institute of Science, Satara	Local	15 th – 30 th April 2019
8	International Conference on Recent Advances in Renewable Energy and Hygine Devices (RAREHD-2018)	Yashavantrao Chavan Institute of Science, Satara	International	5 th - 6 th March 2018

9	One day workshop on Innovative research and Patenting Methodology	IQAC Cell, Yashvantrao Chavan Institute of Science, Satara	Local	10 th Feb 2018
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❖ **Resource person in Conference/Seminar/Workshop/Any other programs:**

S. No.	Title of the event	Level (Intl/Natl/ State/Uni./local etc.)	Organizer	Date
1	One day workshop on Constructive planning and management of project report writing	Local	Department of B.Voc. Software Development, YCIS,Satara	8 th March 2023
2	Two days workshop on Project based learning for B.Sc.II students. Topic- Data Collection and report writing	Local	YCIS,Satara	9 th - 10 th Nov 2022
3	One Week Online Workshop on Artificial Intelligence from	Local	Department of Electronics and Computer Science, YCIS, Satara	19 th - 24 th July 2021
4	One day workshop on Project designing and documentation	Local	Department of B.Voc. Software Development, YCIS,Satara	5 th Jan 2021
5	One day workshop on Web Designing	Local	Department of Animation Science, YCIS,Satara	15 th Dec 2021
6	Guest lecture on ASP.Net	Local	Department of B.C.S., YCIS,Satara	29 th Jan 2019
7	Guest lecture on ASP.Net using C#	Local	Department of Animation Science, YCIS,Satara	5 th Jan and 12 th Jan 2019
8	Two days workshop on Project Development	Local	Department of B.C.S., YCIS,Satara	10 th - 11 th August 2018

8	Two days workshop on Software Project Design and Development	Local	Department of Electronics and Computer Science, YCIS, Satara	6 th - 7 th August 2018
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Signature of Faculty