


Faculty-01

1. Personal Profile	
a) Name	: Dr. Ajaya Kumar Singh
b) Designation	: Reader (SS) in Mathematics
c) Department	: Mathematics
d) Date of Birth	: 24.06.1966
e) Contact No	: 8249327035
f) Aadhaar No	: 685281894252
g) PAN No	AVIPS9668K

	h) Present Address	:	At-Plot-1294/5 Nayapalli, CRP Chhak, Bhubaneswar - 751012
	i) Email	:	ajayakumarsingh1966@gmail.com
2.	Academic Qualification	:	M.Sc., PGDCA, Dip(I.T.), Ph.D.
3.	Field of Specialization	:	Mathematical Analysis & Computer Science
4.	Teaching Experience	:	
	i) UG (HONS)	:	33 years
	ii) PG(M.Sc. Comp. Science)	:	8 years 6 months
	iii) BBA (Self Finance)	:	4 years

1. Doctor Degree: Ph. D

Sl. No.	Title of the Thesis	Name and Address of the Guide/ Institute	Year of Registration & Award
1	Sequence Spaces, Generalized Limits and Applications	Prof. (Dr.) G.Das, Chairman Council, Institute of Mathematics and its Application, Andharua, Bhubaneswar	04.05.1999 24.06.2010

2. Orientation, Refresher Course Attended :

Sl. No.	Name of the Course	Name of the Institute	Duration of the Course
1	Attended Orientation Course in Mathematics	Utkal University, Bhubaneswar	20.12.1997 to 16.01.1998
1	Attended refresher course in Mathematics	Utkal University, BBSR	10.11.2000 to 30.11.2000
2	Attended refresher course in Mathematics & Statistics (Best Participant)	Sambalpur University, Burla	02.01.2012 to 22.01.2012
3	Attended refresher course in the subject Mathematical Sciences: Statistics & Applications	Utkal University, BBSR	19.02.2014 to 11.03.2014

3. Special Trainings Attended:

Sl. No.	Name of the Training	Name of the Institute	Duration of the Course
1	Attended orientation training program (NSS)	OUAT, BBSR	23.11.2005 to 02.12.2005
2	Attended orientation training course (First-Aid)	OUAT, BBSR	Dec. 2005

4. National /International Seminars /Conference/ Symposium/ Workshop Attended :

- Attended **Workshop on +3 syllabus in Mathematics** on 02.10.2005 at Institute of Mathematics and Applications, Bhubaneswar.
- Attended **International conference** on “Industrial Mathematics & Scientific Computing” from 04.01.2014 and 05.01.2014 (KIIT University, BBSR).
- Attended **Skill Based Workshop on MATLAB** introducing in UG courses of Mathematics at Utkal University organized by IMA, Bhubaneswar from 20.11.2015 and 21.11.2015.
- Attended UGC sponsored National Seminar on “Computational Fluid Dynamics” from 24.12.2015 & 25.12.2015 at Hindol College, Khajuriakata, Dhenkanal.
- Attended **International Conference and National Seminar** on Application of Computational Techniques to Real World Problems from 16.01.2016 and 17.01.2016 at INDUS College of Engineering, Bhubaneswar.
- Attended **Workshop on Mathematics CBCS Syllabus** in UG (Arts & Science) level at Utkal University organized by IMA, Bhubaneswar in July 2016.
- Attended **National Conference** on Advances in Mathematics and it’s Applications (NCAMA - 2017) and 44th Annual Conference of Odisha Mathematical Society (OMS) at Ravenshaw University on 31.03.2017 and 01.04.2017.
- Attended as a **Resource Person** at RIE, Bhubaneswar on the occasion of development of resource material for key resource persons of Jharkhand for quality mathematics education of Secondary level from 10.02.2018 to 14.02.2018.
- Attended **National Seminar** on Data Science with 46th Annual Conference of Odisha Mathematical Society (OMS) at Silicon Institute of Technology on 19.01.2019 and 20.01.2019.
- Participated (online) on “Approaches for Quality Research Paper Writing in High Impact Journals” by IQAC Rajiv Gandhi University, Rono Hills, Doimukh, Arunachal Pradesh from 02.09.2020 to 06.09.2020.
- Attended Workshop of NCERT for Translation of Confidential material from

05.08.2021 to 09.08.2021 organized Regional Institute of Education(RIE),Bhubaneswar .

- Attended Workshop of NCERT, New Delhi for development of handbook for learning Resource center from 04.03.2022 to 08.03.2022 organized Regional Institute of Education(RIE),Bhubaneswar .
- Attended **International Conference** on Analysis and Discrete Mathematics Data 49th Annual Conference of Odisha Mathematical Society (OMS) at P.G. Department of mathematics, Utkal University , Vani vihar , Bhubaneswar on 26.03.2022 and 27.03.2022.
- Attended **International Conference** on Mathematical Analysis and Applications 50th Annual Conference of Odisha Mathematical Society (OMS) at IMA Bhubaneswar on 21.01.2023 and 22.01.2023.

5. List of Publications

A. Articles published in National/ International Journals

Sl. No.	Title of the Article / Paper	Journal Name	Year of Publication	Volume & Issue No.	Page No. From & To	ISSN No.	Journal No as notified by UGC	No. of Co-authors	Impact factor, if any.	Whether you are the main/corresponding author/mentor	Type of Publication (International/National/Local)
1	The Spaces of Generalised Strongly Almost Convergent Sequences	IJESMR	2017	4(2)	44 - 50	2349-6193		NA	3.866	Main Author	International
2	A Generalisation of Quasi-convex Sequence Spaces	IJMAA	2016	4(3-A)	123-138	2347-1557		NA	4.252	Main Author	International
3	A Generalised Almost Convergence	IJSRES	2016	3(6)	34-38	2349-8862		1		Main Author	International
4	The Lower Bound Estimation for the Number of Zeros of Random Transcendental Polynomial	IJCRST	2016	2(10)	1-7	2394-5745		NA	2.805	Main Author	International
5	A Generalisation of the Concept of Banach Limits	JOMS	2014	33(2)	1-6	0975-2323		NA		Main Author	National
6	A Generalised Strongly Almost Convergence Sequence Spaces	JOMS	2018					NA		Main Author	National

7	Strongly Almost Convergent Sequences	Manjari	2016	1	109-118	0974- 9896		NA		Main Author	National
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B. Books Published :

Sl. No.	Title of the Book	Name and Address of Publisher	Year of Publication	Text / Reference / Subject Book	ISBN No.	Whether Peer Reviewed	1st / corresponding author	No. of Co-authors	Type of Publisher (National / International / Local)
1	Advanced Engineering Mathematics : vol-1	Alok Publication	2010	Subject Book	978-81905015-1-0	Yes	1st	1	National
2	Advanced Engineering Mathematics : vol-2	Alok Publication	2010	Subject Book	978-81905015-4-2	Yes	1st	1	National
3	Advanced Engineering Mathematics : vol-3	Alok Publication	2010	Subject Book	978-81905015-7-0	Yes	1st	1	National
4	Advanced Engineering Mathematics : vol-4	Alok Publication	2010	Subject Book	978-81905015-7-8	Yes	1st	1	National
5	Solution to topics in Mathematics : vol-1	Kalyani Publisher, Ludhiana	1996	Subject Book	81-272-3197-2	Yes	1st	2	National

6	Solution to topics in Mathematics : vol-2	Kalyani Publisher, Ludhiana	1996	Subject Book	81-272-3566-2	Yes	1st	2	National
7	MATLAB Programming with Practical (CBCS Syllabus)	Kalyani Publisher, Ludhiana	2017	Text Book for B.Sc., M.Sc. & Engineering	97893272-7860-6	Yes	1st	0	National

8	MATLAB Programming with Real life Applications	HP Hamilton Limited, U.K, London	2021	Text Book for B.Sc., M.Sc. & Engineering	978191393616-7	Yes	2nd	1	International
9	Fundamentals of Mathematical Analysis	Khanna Publisher, New Delhi	2024	Text Book for B.Sc., M.Sc. & Engineering	978939254936-6	Yes	2nd	1	National

C. Publication Under Consideration (Accepted for Publication) :

Sl. No.	Title of the Article	Name of Book or Journal	Full Address of the Publisher	Expected Month and year of Publication
1	Analysis (CBCS Syllabus)	Analysis – I, II & III	Kalyani Publisher, Ludhiana	2017-2018
2	C++ Programming (CBCS Syllabus)	C++ Programming with Practical	Kalyani Publisher, Ludhiana	2017-2018

6. Research Projects :

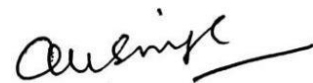
Sl. No.	Name and Address	Topic of Project	Address of Funding Agency	Letter Number and Date	Completed/ Ongoing/ Applied
1	Minor Research Project	Mathematics (Banach limits and its application)	UGC Kolkata		Awaited

7. Honour / Awards Received :

Sl. No.	Name of Award	Field	Month and Year	Name and Address of the Institute	State or National or International
1	One Star Certificate	NCC	1982	Govt. boys high school, Unit-8, BBSR	State

8. Others if Any (Extra Activities)

- a. Member in Examination Committee.
- b. Question Setter, Evaluator in Mathematics, Computer Science & I.T.
- c. Guided for many Project works based on Mathematics & Computer Science for B.Sc. final year students.
- d. Member in Board of Studies & Academic Council at different Autonomous Colleges.
- e. Active role in conducting seminars, workshop, math Olympiad exams, etc.
- f. Jury Member in district science exhibition (high school level) and joined in various functions as guest of honor.
- g. Expert member in different school & colleges.
- h. NSS Program officer.
- i. Member in Sports and Cultural activities.
- j. Member in Discipline Committee.
- k. In-charge in time table, grouping & work load calculation.
- l. Construction of Common Cadre of Non-Government Aided Colleges in the State.
- m. Executive Committee Member of Odisha Mathematical Society (OMS), Odisha. n)NCC Officer
- n. Subject Expert in Mathematics for JEE of DHSE, Odisha.
- o. Member of admission committee.
- p. Member of RUSA Committee.
- q. In-charge of account bursar.
- r. In-charge of construction and purchase committee.
- s. Counselor YRC in BBSR Region



Signature

