

Name: Mr. Arun Kumar Sadhu



Department: Computer Science and Engineering

Contact Nos.: 9932614521

Qualifications: M.Tech (CSE), PhD(Pursuing)

Designation: Assistant Professor

VIDWAN ID: 186749

Experience (Teaching / Research / Industry, in years):

Teaching : 18 years 8 months Research: 6yrs

Date of Joining at the Present Institution:

19/02/2016

Examinations Cleared: WBJEE 1997, PGET of KGEC 2007

Qualifications Summary (Reverse chronological order):

Degree	Institute	From - To	Subjects
PhD in CSE	BIT Mesra, Ranchi	30/7/2014 - till date	Computer Sc & Engg
MTech in CSE	KGEC/WBUT	2007-2009	Computer Sc & Engg
B.Tech in CST	KGEC/KU	1997-2002	Computer Sc & Tech
HS (10+2)	WBCHSE	1996	Phy, Chem, Math, Stat
Madhyamik(10)	WBBSE	1994	General

Experience Summary (In chronological order):

Designation	Organization	Date From - Date To
Assistant Professor(I)	DR. B C Roy Engg College	19/02/2016 - till date
Assistant Professor(II)	Durgapur Institute of Adv. Tech & Mgt	01/02/2011- 18/02/2016
Assistant Professor(Vth pay)	Dumkal Institute of Engg and Tech	16/07/2009 - 31/01/2011
Lecturer	Dumkal Institute of Engg and Tech	18/06/2005 - 15/07/2009
Lecturer	Gitaram Institute of Management	05/03/2003 -15/06/2005

Specialization/Research Interest:

Swarm Robotics, Swarm Intelligence, Parallel and Distributed computing

Awards & Recognitions

Best paper/ scholarship/Position in university exam/ awards while at industry/ other organizations etc.

No

Courses taught:

B.Tech: Specify the name of the subject/s (Theory first and then practical)

Theory: C language, Data Structure, Computer Network, Computer Graphics, Numerical Methods, Computer Architecture and Organization etc.

Practical:

C language, Data Structure, Computer Network, Computer Graphics, Numerical Methods, Computer Architecture and Organization etc.

M.Tech: No

Online Mode of Teaching:

The Faculty member needs to specify the online teaching/ assessment method adopted. (Link to any faculty created resources for Lecture notes / PPT/ Video Lecture etc. in Google Drive / Weblink etc)

1. Online Classes taken through Google Meet
2. Assignment taken through Google form
3. Attendance taken through Google form
4. Quiz taken through Google form
5. Resource material like Ebooks, notes pdf, lecture ppts, etc. dumped in Google Drive and link is shared to the students

Publications:

Journal:

Two papers are in communication (scopus)

Conference:

1. **Sadhu A.**, Sardar M., Das D., Mukhopadhyaya S. (2019) Gathering in the Discrete Domain: State of the Art. In: Mandal J., Bhattacharyya D., Auluck N. (eds) Advanced Computing and Communication Technologies. Advances in Intelligent Systems and Computing, vol 702. Springer, Singapore. https://doi.org/10.1007/978-981-13-0680-8_2
2. **A Sadhu** and S Mukhopadhyaya 2021 *J. Phys.: Conf. Ser.* **1950** 012078, DOI:10.1088/issn.1742-6596

Book:

No

Book Chapter:

No

Supervision of Ph.D/M.Tech/ B.Tech Projects:

For Ph.D guidance

No

Projects:

1. Real time chat application (2017)
2. Gathering of Swarm of Robots (2019)

Invited Lectures: No.

Topic of the lecture, Name of the event, organized by, Date

Participation in seminar/conference/symposium/workshop/discussion meeting

No..

Participation in faculty development programmes

Name of the faculty development programmes, Online / Face-to-face/ From Date - To Date, Duration, Year, Organized by.

Done only online FDP's

1. "Inculcating Universal Human Values in Technical Education", from 4 October, 2021 to 8 October, 2021.
2. "Inculcating Universal Human Values in Technical Education" from 19 July, 2021 to 23 July, 2021.
3. Industrial Research in IOT held on 23-Jul-2021
4. Webniar on Data Science held on 15-may-2021

Organization of events (Dr. B. C. Roy Engineering College)

Name of the event,	Date,	Year
1. Online covid -19 activity drive	June 28,	2020
2. Tree plantation drive	February 11,	2020
3. Organ donation drive	May 6,	2020
4. Online poster competition	March 27,	2021
5. Debate discussion	February 11,	2020
6. Donation Drive	December	2019
7. Training to underprivileged		2018

Participation in administrative committees (selected)

Name of the post (Convener/Joint Convener/Member secretary/Co-ordinator etc.), Name of the committee, year

Joint Coordinator appointed for NSS committee, year 2019-2020

Project Ideas Submitted to Govt. Agencies/ On-going Projects / Research Ideas under preparation & execution

No.

Membership of professional bodies: IEEE, IETE, IEL, CSI, MGMI etc.

No