

**POST GRADUATE DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS
SAMBALPUR UNIVERSITY, JYOTI VIHAR, BURLA**

A: Year of establishment: -1988

B: HEAD OF THE DEPARTMENT:-

Name of the Head	Contact Number	Email id & Fax
Dr.(Mrs.)Sarada Baboo	0663-2431016	baboosarada@gmail.com



Message of the HOD:

The Department of Computer Science and Application was formed in the year 1988 during the 7th Five year plan period having an intake capacity of 30 students. The faculty members give personal guidance to students both in teaching as well as laboratory experiments. The thrust areas of research of the department are Software Engineering, Applications of IT in BPR (MIS), Programming Languages, Machine Vision, and Image Processing. The course is of one year duration and is formed according to the need of the present IT scenario. The course provides a basic knowledge on different aspects of computer application in theory as well as experimental techniques.

C: Courses offered:

SN	Name of the Course	Year of Commencement
1	PGDCA	1988
2	MCA(SF)	2002

D. Specialization offered degree-wise: (MCA Course)

Parallel Computing, Soft Computing, Image Processing, Pattern Recognition, Artificial Intelligence, Computer Security, Enterprise Web Based Computing With Java, Theory of Computation, Multimedia

E. Infrastructure facilities available:

The two computer labs are well equipped with Two Xeon servers running Linux & Windows. Mixed PCs of Core2 Duo and legacy machines are available to the students.

Other equipments available in the department are Network Laser Printer, standalone laser printers, scanners, laptops, LCD/optical projectors.

One CCNA lab for the CCNA program (presently suspended), One SUN Java lab .

F. Faculty profile:

S l	Name	Designation	Qualification	Specialization	Total Teaching Experience	Email ID	Contact No
1	Dr.(Mrs) Sarada Baboo	Reader	M.C.A, PhD	Software Engineering, Applications of IT in BPR (MIS)	20 Years	baboosarada@gmail.com	0663-2431016
2	Chandra Sekhar Panda	Lecturer	M.C.A	Programming Languages, Machine Vision, Image Processing	10 Years	ur_chandra2002@yahoo.co.in	0663-2431016

G. Placement record of the students, if any

PGDCA and MCA students of the department of CSA have been well placed in different reputed Software firms like INTEL, ORACLE, Infosys, Wipro, Satyam, Cape Gemini, IFlex, HCL, HP, Jatauu, Mindtree, CVT Technology, TCS, IBM, Ness Technology, and many more. Students of the department are also placed in National Informatics Centre (NIC), Parliament of India, DRDA, CBI, Intelligence bureau, FCI, Banking sector, WESCO, Postal, Universities and many other State Govt. and Central Govt. organizations.

H. MOU and Special Information (if any) NIL

I. Research Projects undertaken by the Faculty members during the last five years. NIL

SL No	Name of the Project	Period	Name of the investigators	Funding Agency	Amount

J. Research paper published by the Faculty member during last Five years

SI No	Name of the Author	Title of the paper	Journal Volume, issue Page & Year of Publication	Year of Publication
1	C.S.Panda, S.Patnaik	Filtering corrupted image and edge detection in restored grayscale image using derivative filters	International journal of Image Processing (IJIP), ISSN: 19852304, Year 2009, Volume (3), Issue(3), Page: 105-119.	2009
2	C.S.Panda, S.Patnaik	Better edge map in Grayscale image using Gaussian method	International journal of Computational and Applied Mathematics (IJCAM), ISSN:1819-4966, Year 2010, Volume(5), No.(1), page:53-65.	2010
3	C.S.Panda, S.Patnaik	Object tracking using parallel local color histogram method	International journal of Computational Vision and Robotics (IJCVR), ISSN:1752-9131 Year 2010, Volume(1), No(4), Page:363-379, Inderscience Publishers	2010
4.	S.K. Jena, S. Baboo, S.Patnaik	“Development of HR Module in ERP for IB Thermal Power station: A Case Study”	International journal of Business Information Systems(IJBIS), Issue 1, Vol-2, 2007	2007

K. Overseas Countries visited by the faculty members during the last five year: NIL

SI No	Country visited	Purpose	Period of visit

L. SELF FINANCING COURSES OFFERED BY THE DEPARTMENT

1. MCA.

About the Self financing course:- Master of Computer Application

The Department of Computer Science and Application introduced MCA programme in the year 2002 during the 10th Five year plan period. The faculty members give personal guidance to students both in teaching as well as laboratory classes. The course is of three years duration and is formed according to the need of the present IT scenario. The course provides a basic knowledge on different aspects of computer application in theory as well as experimental techniques. The different specialization offered are Parallel Computing, Soft Computing, Image Processing, Pattern Recognition, Artificial Intelligence, Computer Security, Enterprise Web Based Computing With Java, Theory of Computation, Multimedia.

M. Contact person/Course Coordinator of SF Course

Name of the Course Coordinator	Contact Number	Email ID & Fax
Dr.(Mrs) Sarada Baboo	0663-2431016	baboosarada@gmail.com

Signature of the Head of the Department

Date: