

ANNUAL –REPORT

Session 2019-20



Department of Computer Science & Application 2019-20

A Computer Lab is a space which provides Computer services to a defined community . Computer labs are typically provided by libraries to the public, by academic institutions to the students who attend the institution.

Loyola College also has such a lab with many computers with latest Configuration and are typically equipped with internet access facility. They are typically arranged in rows , so that every workstation has a similar view of one end of the room to facilitate lecturing or presentation or in clusters, to facilitate small group work. The lab is divided into two sections , one for Computer science and other for Computer Application. The department gives great importance from the very beginning of academic year in view of total Computer literacy of the students. Besides the regular classes and practical's the students are given extra hours to enrich their knowledge towards the Projects Development, Workshop and Seminars.

From 2005 onwards our college had started various courses in Computer Science and Application.

COURSES	YEAR OF ESTABLISHMENT
BSc. (Computer Science)	2005
BCA	2008
B.Com.(Computer Application)	2008
PGDCA	2010-11
DCA	2013-14
B.A.(Computer Application)	2013-14

COMPUTER LAB

i.	No. Of Systems with Configuration	38
ii.	Chairs	38
iii.	Tables	05
iv.	Almera (Cupboard)	02
v.	Staff Chairs	14
vi.	Inverter and Batteries	01
vii.	<u>No. Of fans and tube lights</u>	
	Fans	10
	Tube lights	10
	Bulb	07
viii.	Firefox	02
ix.	Notice board	01

STUDENT – RECORD

S.NO	CLASS	No. of Students		Gen.	ST	SC	OBC	H/C	Others	Total
		Boys	Girls							
1	B.Sc. I	32	20	9	25	4	14	0	0	52
2	B.Sc. II	27	19	8	22	2	14	0	0	46
3	B.Sc. III	25	22	12	16	1	18	0	0	47
4	B.C.A. I	8	2	4	2	0	4	0	0	10
5	B.C.A. II	2	1	0	2	0	1	0	0	03
6	B.C.A. III	2	4	1	4	0	1	0	0	06
7	D.C.A	3	1	2	1	0	1	0	0	04
8	PGDCA	15	15	1	17	1	11	0	0	30

STAFF- RECORD

S.N	NAME	M/F	FATHER/ HUSBAND NAME	EDUCATIO NAL QUALIFICA TION	DESIGN ATION	SPECIALIZ ATION	PUBLISH ED PAPERS	EXPERIENCE
1.	MRS. JAYSHREE BAJAJ	F	MR. PARAS BAJAJ	MCA	ASST. PROF. (HOD)		01	11 YEARS
2.	DR. NAND KUMAR SINGH	M	MR. KESHWARI SINGH	PhD., MPHIL, MCA, MSC ,MA, BLIB.	ASST. PROF.	SECURITY ON INTERNET: NETWORKI NG	10	11YEARS
3.	MR. BRAJKISHOR PATHAK	M	MR. SATYADEO PATHAK	M.PHIL, MCA, M.A.	ASST. PROF.		03	09YEARS
4.	MR. DEEPAK XESS	M	MR. GUSTAPH XESS	MSC	ASST. PROF.			09YEARS
5	MS. SWATI BARETH	F	MR. NARAD BARETH	MCA, MPHIL, SET,NET	ASST. PROF.		01	08YEARS
6	MS. UVIKA KUJUR	F	MR. CLAUDIUS KUJUR	M.PHIL, MCA,SET	ASST. PROF.		01	02 YEARS
7.	MR. RAJESH XALXO	M	MR.	M.C.A	LAB. TECH.			

STAFF ACHIVEMENTS:

CONFERENCE /SEMINARS(NATIONAL/ INTERNATIONAL) PAPER /BOOK PUBLICATION

S. N.	NAME	NATIONAL SEMINAR (Participatio n/Appreciati on/Presentat ion)	INTERNATION AL SEMINAR (Participation/Ap preciation/Presen tation)	INTERNATIONA L PAPER (Published in Journal)	NATIONAL/ INTERNATI ONAL WORKSHOP	NATIONAL/ INTERNATIONAL BOOK (Book or Chapter Published)
1.	DR. NAND KUMAR SINGH	11	05	09	04	
2.	MR. BRAJKISHOR PATHAK	02		03	02	
3.	MRS. JAYSHREE BAJAJ	01		01		
4.	MS. SWATI BARETH	01	02	01		
5.	MS. UVIKA KUJUR	01	01	01		

NATIONAL SEMINAR ((Participation/ Appreciation/Presentation)

1. Mr.Nand Kumar Singh delivered a lecture on “**Recent Trends in IT** “ [MBCMPZCB-2014] Loyola College Kunkuri (C.G.)
Dated- 6th& 7th January.
2. Mr. Braj Kishor Pathak Present a Paper “**Side Effect of the EDI and solution**” in a National Seminar on “ENTRANCE OF MULTINATIONAL COMPANIES IN RETAIL MARKET” Organized by UGC and Holy Cross Women’s College Ambikapur (C.G.) Dated- 17th& 18th January 2014
3. Mr. Nand Kumar Singh Present a Paper “**FDI in India for IT**” in a National Seminar on “ENTRANCE OF MULTINATIONAL COMPANIES IN RETAIL MARKET” Organized by UGC and Holy Cross Women’s College Ambikapur (C.G.) Dated- 17th& 18th January 2014 .
4. Mr. Nand Kumar Singh Present a Paper “**Censorship: A Safer way to be Secured Online and Offline**” in a National Seminar on ”Innovation and Research in Science, Management and Technology” Organized by CGCOST Raipur(C.G.) and Bilaspur University (C.G.) Dated- 29th& 30th March 2015.
5. Mr. Nand Kumar Singh Present a Paper “**Actuator needs in extreme environments in Space**” in a National Seminar on ”Space Science and Environment” Organized by CGCOST Raipur(C.G.) and Bilaspur University Dated- 29th& 30th March 2015.
6. Mr. Nand Kumar Singh Present a Paper “**Information and Communication Technology for Rural development**” in a National Seminar on ”Role of Information Technology for Rural Development” Organized by CGCOST Raipur(C.G.) and Uma Vidyavasni College Latori, Surajpur (C.G.) Dated- 30th& 31st January 2016.
7. Mr. Nand Kumar Singh Present a Paper “**Effect of Internet on Naxalism**”in a National Seminar on ”CHALLENGES OF NAXALISM IN INDIA” Organized by Govt. R.B.R. N.E.S. P.G. College Jashpur (C.G.) Dated- 22nd& 23rdFebruary 2016.
8. Mr. Nand Kumar Singh Participated ina National Seminar on ”.....” Organized by Dr. C.V. Raman University Kargi Road Kota Bilaspur (C.G.) Dated- 22nd& 23rd January 2018.
9. Mr. Nand Kumar Singh,Mr. Braj Kishor Pathak Present a Paper “**Technologies for soil and water conservation**”ina National Seminar on ”.....” Organized by CGCOST Raipur,PSSOU Bilaspur, GuruGhasidas University Bilaspur,Bilaspur University Bilaspur and Dr. C.V. Raman University Kargi Road Kota Bilaspur (C.G.)
Dated- 29th&30th March 2018.
10. Mr. Nand Kumar Singh Participated ina National Seminar On ”Role in Science in Human Welfare and World Peace “ Organized by CGCOST Raipur ,Rajiv Gandhi PG college Ambikapur (C.G.) Dated -28th February 2019 .
11. Ms. UvikaKujur, Ms. Swati Bareth, Mrs. Jaysree Bajaj Present a Paper “**Cyber Crime: A major problem**”in a National Seminar On ”Advances in Cimouter Science and Information Technology “ Organized by DR.C.V.RAMAN University Bilaspur, Rabindranath Tagore University Bhopal Dated -22nd 23rd February 2019 .

12. Mr. Nand Kumar Singh Present a Paper “***VPN IS SECURE THEN OTHER PROXIES FOR INTERNET FILTRATION***”in a National Seminar On ”Advances in Cimouter Science and Information Technology “ Organized by DR.C.V.RAMAN University Bilaspur, Rabindranath Tagore University Bhopal Dated -22nd 23rd February 2019 .
13. Mr. Nand Kumar Singh Participated ina National Seminar On ”Role Of Science and Technology in Modern Society and Social Environment “ Organized by Vishwavidyalaya Engineering College LakhanpurAmbikapur (C.G.) Dated 01st -02nd June 2019 .

INTERNATIONAL SEMINAR (Participation/ Appreciation/Presentation)

1. Mr. Nand Kumar Singh Present a Paper “***User Aided Internet Filtration: Awareness of What Information Access and Share Online***” at the International Conference on Current Advances in Electronics, Electrical and Computer Science (ICEECS) held at Chennai (India) on 6th march 2016.
2. Mr. Nand Kumar Singh Present a Paper “***Is Internet Neutrality a Form of Internet Censorship*** ”at the International Conference on Advanced Computer Science and Information Technology (ICACSIT) held at Chennai (India) on 10th April 2016.
3. Mr. Nand Kumar Singh Present a Paper “***GREENHOUSE AND GLOBAL WARMING***”at the International Conference on Environmental Changes In South And South East Asia: Challenges And Prospects at Pt.R.S.University Raipur(C.G.) on 24th-26th September 2017.
4. Mr. Nand Kumar Singh Present a Paper “***TECHNICAL EDUCATION IN KUNKURI BLOCK*** ”at the 13TH International Conference on Urban Development at ISDR Ranchi (Jharkhand) on 10th -12th March 2018.
5. Mr. Nand Kumar Singh Present a Paper “***Prospects of Agriculture and Rural Marketing Development in Jashpur District***”at the 14th International Conference on Rural Development at ISDR Ranchi (Jharkhand) on 27th -29th October 2018.
6. Mr.SwatiBareth , Ms. Uvikakujur Present a Paper “***Application of wireless sensor network: A review***” in a International Seminar on ”Innovative Research in Science, Management and Technology” Organized by Bilaspur University (C.G.) Dated- 04th May 2020.

NATIONAL/ INTERNATIONAL WORKSHOP

1. Mr. Nand Kumar Singh participated National Workshop On “***How to Write Research Paper***” Organized by Kalyan PG college Bhilai (C.G.) Dated 12th& 13thFebruary 2016.
2. Mr. Braj Kishor Pathak participated National Workshop On “***How to Write Research Paper***” Organized by Kalyan PG college Bhilai (C.G.) Dated 12th& 13thFebruary 2016.
3. Mr. Nand Kumar Singh Participated in a National Workshop on ”.....” Organized by Govt. V.B.S. Girls. P.G. College Jashpur (C.G.) Dated- 15th December 2017.

4. Mr. Nand Kumar Singh participated National Experimental Workshop On “**DATA ANALYTICS USING R**” Organized by AUROPATH Puducherry , India , Dr. C.V. Raman University Kargi Road Kota Bilaspur (C.G.) Dated 27th – 28th July 2018.
5. Mr. Nand Kumar Singh participated National Workshop On “**Health Monitoring & Rehabilitation of Structures**” Organized by Jadavpur University Kolkata Dated 07th December 2018.

INTERNATIONAL PAPER(Published in Journal)

1. Mr. Nand Kumar Singh , Mr. Braj Kishor Pathak , Mrs. Jayshree Bajaj has published a Paper entitled “**SITUATION OF INTERNET FILTRATION IN INDIA** “ in International Journal of Computer Science Trends and Technology”(IJCTT) Volume 4 issue 5 -2016.
2. Mr. Nand Kumar Singh has published a paper entitled“**User Aided Internet Filtration: Awareness of What Information Access and Share Online**”on International Journal of Advances In Electronics And Computer Science (IJAECS) volume-3 Issue-5.
3. Mr. Nand Kumar Singh has published a paper entitled“**Impact of Internet Filtration**”on International Journal of Engineering Science and Computing (IJESC) volume-6 Issue-10, October 2016.
4. Mr. Nand Kumar Singh has published a paper entitled “**IS INTERNET NEUTRALITY A FORM OF INTERNET CENSORSHIP**” on International Education and Research Journal (IERJ)volume-3 Issue-2 February 2017.
5. Ms. Swati Bareth has published a paper entitled“**Application of Biometric Authentication: An Analysis and Comparison**”on International Education and Research Journal (IERJ) volume-3 Issue-5 May 2017.
6. Mr. Nand Kumar Singh has published a paper entitled“**Impact of Internet Filtration**”on International Journal of Engineering Science and Computing (IJESC) volume-6 Issue-10, October 2016.
7. Mr. Nand Kumar Singh has published a paper entitled “ **Internet Filtration and Internet Neutrality** ” on International Journal of Computer Trends and Technology (IJCTT)volume-49 Issue-03, July 2017.
8. Mr. Nand Kumar Singh has published a paper entitled“**GREENHOUSE AND GLOBAL WARMING**”on International Education and Research Journal (IERJ) volume-3 Issue-11 November 2017.
9. Mr. Nand Kumar Singh , Mr. Braj Kishor Pathak has published a Paper entitled “**Tools and Techniques to Bypass Internet Filtration**“ in International Journal of Scientific Research in Computer Science, Engineering and Information Technology ”(IJSRCSEIT) Volume 2 issue 6 – December 2017.
10. Ms. UvikaKujur has published a Paper entitled “**Features Analysis and Comparison of 5G Technology** “ in International Journal of Advances in Computer Engineering & Technology(IJARCET)Volume 7 issue 5– May 2018.

11. Mr. Nand Kumar Singh ,Mr. Braj Kishor Pathak has published a paper entitled “*VPN IS SECURE THEN OTHER PROXIES FOR INTERNET FILTRATION*” on International Education and Research Journal (**IERJ**)volume-5 Issue-2 February 2019

BOARD OF STUDY:

Our staff member Dr.Nand kumar Singh had selected board of study member July 2017 of Sant Gahira Guru Vishvidyalaya Ambikapur(C.G) in Computer Science Subject.

CURRICULAR ACTIVIES

1. In the month of July, the principal of Loyola college Dr. Fr. Oscar S. Tirkey inaugurate the new session by his Orientation lecture and welcoming the first year students and providing the various information about the college.
2. In August our department II year and III year students had participated in the fresher's party arranged for the first year students.
3. Seminars had been taken for various subjects by the staff of computer science and application in month of December.
4. The department had arranged the educational tour at Hirakud Dam for our students.
5. In January the department had arranged model examination for the students so that they can prepare for the FINAL EXAMINATION.
6. Remedial classes had also been taken for our weak students so that they can improve their result.
7. In January, the department students had arranged Basant Panchami Program on large scale In order to spread the religious knowledge among the students.
8. In February the department students had participated in the Annual Day program.

9.



10.



Students achievements

1. Mr. Sunit Bara of B.SC second year participated in NSS Republic Day Parade Camp 2020 new Delhi from 01|01|2020 to 31|01|2020, organized by govt. of India, Ministry of Youth Affairs and Sports Directorate of National Service Scheme, New Delhi.
2. Mr. Ravikant Manik, Saurabh Chauhan and group of B.sc second year computer science students won the first prize in working model competition organized by the department of physics on 9|12|2019.

3. Shagii Aabid Rayeen, Elvin Minj, Vikas Beck and Vishnu Chouhan of B.sc second year computer science students got the certificates in football tournament held on 14|02|2020.



