



J.C. BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY, YMCA, FARIDABAD

NAAC 'A' Grade Accredited State Govt. University

(Established by Haryana State Legislative Act No. 21 of 2009,
Recognized by U.G.C. u/s 2 (f) and 12(B) of U.G.C. Act 1956)

NH- 2, SECTOR-6, MATHURA ROAD
FARIDABAD, HARYANA-121006

ANNUAL REPORT 2018-19





J.C. BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY, YMCA, FARIDABAD

(Formerly known as YMCA University of Science and Technology, Faridabad)

NAAC Accredited 'A' Grade State Government University

(Established by Haryana State Legislative Act No. 21 of 2009
& Recognized by UGC Act 1956 u/s 22 to Confer Degrees)

NH-2, Sector-6, Mathura Road, Faridabad- 121006

Haryana (INDIA)

ANNUAL REPORT

2018-19



FOREWORD



It gives me immense pleasure in presenting the Annual Report of the J.C. Bose University of Science and Technology, YMCA, Faridabad (formerly known as YMCA University of Science and Technology) for the session 2018-2019. This Report has been compiled in pursuance of Section 25 of the YMCA University of Science and Technology, Faridabad Act, 2009.

The report has been compiled under the direction of the Executive Council for the submission to the Visitors, Chancellor and State Government through the Executive Council and University Court. This Annual Report is a record of the University's endeavours and achievements in the course of a year. It is a comprehensive overview of an entire year's academic, administrative, research, placement and financial inputs drawn from the university's departments and administrative offices. This Annual Report reflects the involvement of the faculty in research publications in reputed national/international journals and also reflects the numerous academic and co-curricular activities organized by the University.

The University recognized under 2(f) and 12(B) of UGC Act 1956, has made national presence by providing quality education during the last one year. The University has contributed immensely in the field of technical education and research. The wide spectrum of programmes offered by the University includes 10 Undergraduate, 11 Post-graduate and Ph.D. programmes in all disciplines. The University has started new courses of B.Tech in Civil Engineering, B.Sc. (Hon.) in Math and Chemistry, B.Sc. in Multimedia and Animation, BCA and BBA from the academic session 2018-19. The University is committed to provide quality and creative research in Engineering, Sciences and Management. The University is indebted to the State Government of Haryana for releasing grants for all round development.

I would like to record my appreciation and acknowledgment towards the cooperation of all the teaching and non-teaching staff members involved in the compilation of this Annual Report.

Prof. Dinesh Kumar
Vice-Chancellor



EDITORIAL COMMITTEE

The Annual Report of the J.C. Bose University of Science and Technology, YMCA, Faridabad for the year ending 31st March, 2019 is presented here. The Report contains information about the University bodies, faculty and staff positions, research initiatives, academic progress, Departmental and co-curricular activities, placements and financial summary.

The Editorial Committee worked under the guidance of Dr. Vikam Singh and comprised of the following members:-

1. Dr. Vasdev Malhotra Associate Professor, Department of Mechanical Engineering
2. Dr. Ashlesha Gupta Assistant Professor, Department of Computer Engineering
3. Sh. Prashant Kumar Assistant Professor, Department of Electronics Engineering
4. Sh. Jitender Singh Yadav Public Relation Officer

The Report presents the highlights of the activities and achievements of the J.C. Bose University of Science and Technology, YMCA, Faridabad during the year 2018-2019. The information presented in this Report is based on the data/information provided to the Committee by the concerned Departments/Sections.



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THE UNIVERSITY

INTRODUCTION

J.C. Bose University of Science and Technology, YMCA, Faridabad formerly known as YMCA University of Science & Technology, Faridabad was established in 2009 vide Haryana Govt. Gazette Notification No.29 of 2009 dated 16.9.2009 (Haryana Act No. 21 of 2009). Earlier, known as YMCA Institute of Engineering, Faridabad, founded in the year 1969 as a Joint Venture of Govt. of Haryana and National Council of YMCA of India with active assistance from overseas agencies of West Germany to produce highly practical oriented personnel in specialized field of engineering to meet specific technical manpower requirement of industries. The University has been well known for its track record of employment of the pass out students since its inception. The University has been allowed to conduct B.Tech. Course of 4-Years duration from the session 1997-98 and students are admitted through centralized counselling conducted by agency nominated by State Govt. from time to time in 1st Year and also has been allowed to admit students in 2nd year through Lateral Entry Entrance Test. Besides Under Graduate Degree Courses like B.Tech., B.Sc., BCA, BBA, the University is also running a number of Post Graduate Degree programmes like M.Tech, M.Sc., MBA, MCA, MA and Ph.D. It has excellent record of placement. The competence of the University has been recognized at various levels by the agencies like UGC (grant of 12B status), NAAC (Grade 'A' accreditation), NIRF (best ranking amongst State Engineering Universities in Haryana), etc.

The University is situated right on the National Highway No.2 known as Mathura Road, 32 Kms. from the Nation's Capital, New Delhi. It had been upgraded from erstwhile YMCA Institute of Engineering during session 2009-10. The University has its own Campus on a plot area of 20 acres. It is located in the growing and sprawling Faridabad-Ballabgarh Industrial Complex of Haryana. The University is well connected with Rail and Road Transport from Delhi/New Delhi.

VISION

J.C. Bose University of Science and Technology, YMCA, Faridabad aspires to be a nationally and internationally acclaimed leader in technical and higher education in all spheres which transforms the life of students through integration of teaching, research and character building.

MISSION

- To contribute to the development of science and technology by synthesizing teaching, research and creative activities.
- To provide an enviable research environment and state-of-the-art technological exposure to its scholars.
- To develop human potential to its fullest extent and make them emerge as world class leaders in their Professions and enthuse them towards their social responsibilities.

**INCUMBENCY BOARD****CHANCELLOR**

Sr. No.	Name	From	To
1.	Hon'ble Shri Jagannath Pahadia	01.12.2009	26.07.2014
2.	Hon'ble Prof. Kaptan Singh Solanki	27.07.2014	Till date

VICE- CHANCELLOR

Sr. No.	Name	From	To
1.	Sh. A. K. Singh, IAS	01.12.2009	22.04.2010
2.	Sh. Mohinder Kumar, IAS	23.04.2010	30.03.2012
3.	Lt. Gen. (Retd.) K. S. Yadava	30.03.2012	30.03.2015
4.	Dr. Sandeep Grover	30.03.2015	03.11.2015
4.	Prof. Dinesh Kumar	04.11.2015	Till date

REGISTRAR

Sr. No.	Name	From	To
1.	Dr. Ashok Kumar Arora	10.12.2009	31.05.2010
2.	Dr. Ashok Sharma	01.06.2010	16.04.2012
3.	Dr. (Mrs.) Shimla	17.04.2012	08.09.2014
4.	Dr. Sandeep Grover	09.09.2014	30.03.2015
5.	Dr. Tilak Raj	30.03.2015	30.03.2016
6.	Dr. Sanjay Kumar Sharma	29.03.2016	29.03.2019
7.	Dr. Raj Kumar	30.03.2019	06.09.2019
8.	Dr. Sunil Kumar Garg	06.09.2019	Till date



DEANS

Dean's Name	Faculty / Other
Dr. Sandeep Grover	Dean, Quality Assurance
Dr. P. R. Sharma	Dean, Colleges
Dr. Tilak Raj	Dean, Engg. & Tech.
Dr. Arvind Gupta	Dean, Management Studies
Dr. Raj Kumar	Dean, Humanities and Sciences
Dr. Vikram Singh	Dean, Academics Affair
Dr. Rajesh K. Ahuja	Dean, Research Development & Consultancy
Dr. Naresh Chauhan	Dean, Student Welfare
Dr. Komal Kr. Bhatia	Dean, Informatics and Computer

CHAIRPERSONS OF DEPARTMENTS

Name	Department
Dr. Komal Kr. Bhatia	Department of Computer Engineering
Dr. Tilak Raj	Department of Mechanical Engineering
Dr. Atul Mishra	Department of Computer Application
Dr. M.L. Aggarwal	Department of Civil Engineering
Dr. Neelam Turk	Department of Electronics Engineering
Dr. Poonam Singhal	Department of Electrical Engineering
Dr. Anuradha Sharma	Department of Physics
Dr. Neetu Gupta	Department of Mathematics
Dr. Renuka Gupta	Department of Environment Science
Dr. Ravi Kumar	Department of Chemistry
Dr. Atul Mishra	Department of Humanities (Journalism, English & Foreign Language)
Dr. Ashutosh Nigam	Department of Management Studies



OTHER OFFICERS

Position	Name of Official
First Appellate Authority	Dr. C.K. Nagpal
Controller of Examination	Dr. Rajiv Kumar Singh
Director- IQAC	Dr. Hari Om
Controller of Finance & Proctor	Dr. Munish Vashisth
Chief Hostel Warden (Boys)	Dr. Vikas Turk
Chief Hostel Warden (Girls)	Ms. Sandhya Dixit
Training & Placement Officer	Dr. Lakhwinder Singh
Principal, Community College for Skill Development & Director, Alumni Affairs	Dr. Sanjeev Goyal
Dy. Dean – Student Welfare	Dr. Sonia Bansal
Librarian	Dr. P.N. Bajpai
DR – Establishment	Dr. Meha Sharma
DR - Academics	Dr. Harish Kumar
DR – Store & Purchase and Affiliation	Mr. Manish Gupta
Workshop Superintendent	Sh. Vivek Sharma
Medical Officer	Dr. Ankur Sharma
Executive Engineer	Mr. Ajay Taneja
System Analysts cum Programmer	Mr. Ankit Pannu
Public Relations Officer - Nodal Officer (RTI)	Mr. Jitender Singh Yadav
Assistant Law Officer – ASPIO	Ms. Renu Dagar



UNIVERSITY AT A GLANCE

STRENGTH OF STAFF		
Sr. No.	Details (2015-16)	Count
1.	Teaching Staff	137+40 (Contractual)
2.	Non-Teaching & Technical Staff	157+5 (SFS)
ACADEMIC DETAILS		
1.	Ph.D. Admissions	19
2.	Student Admissions	1439
3.	Total Existing Students	4205
4.	Student Placements	399
UNIVERSITY FINANCES (PLAN & NON PLAN) (IN LACS)		
1.	Opening Balance as on 1 st April 2018	4097.30
2.	Receipt/Income	11746.61
3.	Expenditure	7649.31

MEETINGS OF UNIVERSITY BODIES (2018-19)

Sr. No.	Name of Body	Meeting Held
1.	University Court	7 th meeting held on 29.03.2019
2.	Executive Council	34 th meeting held on 21.06.2019
3.	Finance Council	Meeting held on 28.03.2019
4.	Academic Council	17 th meeting held on 11.06.2019



BODIES OF UNIVERSITY

YMCA University of Science & Technology, Faridabad Act, 2009(Haryana Act No. 21 of 2009)
(Gazette Notification No. Leg. 29/2009, dated 16.9.2009)

A) THE UNIVERSITY COURT:

Section-14 of University Act:

The Court shall have the following the following powers and functions, namely:

- To review, from time to time, the broad policies, and programmes of the University and to suggest measures for the improvement and development of the University;
- To consider and pass resolution of the annual report, annual budget and the annual accounts of the University and on audit report of such accounts;
- To advise the Chancellor in respect of any matter which may be referred to it for advice; and
- To perform such other functions, as may be prescribed by the statutes.

FORMATION OF COURT

Sr.	Membership as	Duration	
		From	Till
1	Vice Chancellor	Ex-Officio Member	
2	Secretary to Govt., Finance Department, Haryana	Ex-Officio Member	
3	Secretary to Govt., Technical Education, Haryana	Ex-Officio Member	
4	Director General –Technical Education, Haryana	Ex-Officio Member	
5	Legal Remembrance, Haryana	Ex-Officio Member	
6	Dean- Engg & Tech	Ex-Officio Member	
7	Dean- HAS	Ex-Officio Member	
8	Dean- Management	Ex-Officio Member	
9	Dean-Informatics & Computing	Ex-Officio Member	
10	Controller of Finance	Ex-Officio Member	
11	Controller of Examinations	Ex-Officio Member	

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Sr.	Membership as	Duration	
		From	Till
12	Librarian	Ex-Officio Member	
13	Prof. Rajendra Kumar Anayath, VC D.C.R UST, Murthal	23.08.2018	22.08.2020
14	Dr. S.S. Pattnaik, Director NITTR Chandigarh	23.08.2018	22.08.2020
15	Dr. Chandra C. Tripathi, Professor- Kurukshetra University	23.08.2018	22.08.2020
16	Dr. Dharminder Kumar, Professor GJU-Hisar	23.08.2018	22.08.2020
17	Dr. Neera Verma, Professor-Kurukshetra University	23.08.2018	22.08.2020
18	Dr. Arvind Kumar, Professor	23.08.2018	22.08.2020
19	Dr. Hari Om- Professor	23.08.2018	22.08.2020
20	Dr. Atul Mishra- Professor	23.08.2018	22.08.2020
21	Dr. Vikas Kumar- Professor	23.08.2018	22.08.2020
22	Dr. Lakhwinder Singh- Professor	23.08.2018	22.08.2020
23	Dr. Sanjeev Kumar, Associate professor	23.08.2018	22.08.2020
24	Dr. Vasudev Malhotra, Associate Professor	23.08.2018	22.08.2020
25	Sh. Bal Krishan, Assistant Professor	23.08.2018	22.08.2020
26	Mrs. Sandhya Dixit, Assistant Professor	23.08.2018	22.08.2020
27	Registrar-Member Secretary	23.08.2018	22.08.2020



B) PLANNING BOARD OF THE UNIVERSITY:

Section-25 of University Act (Statutes):

- The Planning Board shall advise on the planning and development of the University particularly in respect of the standard of education and research in the University.
- The recommendations of the Board shall be implemented after they are approved by appropriate authorities of the University.

CONSTITUTION OF PLANNING BOARD

Sr.	Name of Member	Duration of Membership	
		From	Till
1	Prof. Dinesh Kumar, Vice Chancellor	Ex-Officio Chairman	
2	Secretary to Govt, Finance Deptt, Haryana	Ex-Officio Member	
3	Secretary to Govt, Technical Education Deptt, Haryana	Ex-Officio Member	
4	Director General-Technical Education, Haryana	Ex-Officio Member	
5	Controller of Finance, JC Bose UST	Ex-Officio Member	
Members as nominated by Hon'ble Chancellor			
6	Prof. Tankeshwar Kumar, VC, GJUST, Hisar	Member	
7	Prof. K.C. Sharma, VC, Kurukshetra University	Member	
8	Prof. K.K Agarwal, Former VC, GGSIP University, Delhi	Member	
9	Prof. Yogesh Singh, VC, Delhi Technological University	Member	
10	Prof. S.P. Bansal, VC, HPTU, Hamirpur (HP)	Member	
11	Prof. P.J. George, Director, KITM Kurukshetra	Member	
12	Dr. Prashant Bhalla, President, Manav Rachna Education Institutions	Member	
13	Registrar, JC Bose UST - Member Secretary	Ex-officio	

C) EXECUTIVE COUNCIL OF THE UNIVERSITY

Section-15 of University Act:

The Executive Council shall be principal executive body of the University. Its constitution is as per provisions of University Act 2009.

The executive council shall exercise the following powers namely:

- To hold control and administrate the revenue property and funds of the University.
- To create teaching and academic posts, to determine the number and emoluments of such post and to the duties of Professors, Associate Professors, Assistant Professors and other academic staff and Deans of University.



FORMATION OF EXECUTIVE COUNCIL

Sr.	Name of Member	Duration of Membership	
		From	Till
1	Dr. Dinesh Kumar, Vice Chancellor & Chairman	Ex-Officio Member	
2	Secretary-Finance Deptt, Haryana	Ex-Officio Member	
3	Secretary-Technical Education Deptt, Haryana	Ex-Officio Member	
4	DG- Technical Education Deptt, Haryana	Ex-Officio Secretary	
5	Dr. Sandeep Grover, Dean -Institutions	23.08.2018	22.08.2020
6	Dr. Raj Kumar, Dean (HAS), JCBUST, YMCA	23.08.2018	22.08.2020
7	Dr. Arvind Gupta, Dean- Management, JCBUST, YMCA	23.08.2018	22.08.2020
8	Dr. Komal Kumar Bhatia, Dean – I&C, JCBUST, YMCA	23.08.2018	22.08.2020
9	Dr. P.R.Sharma- Professor – JCBUST, YMCA	23.08.2018	22.08.2020
10	Dr. Naresh Chauhan-Professor-Computer Engg.	23.08.2018	22.08.2020
11	Sh. Raj Nehru, Vice Chancellor-Haryana Vishwakarma Skill University, Transit Office, Gurugam	23.08.2018	22.08.2020
12	Dr. Rajbir Singh, Vice Chancellor-State University of Performing & Visual Arts, Rohtak	23.08.2018	22.08.2020
13	Dr. N.C. Wadhwa, Retd IAS,	23.08.2018	22.08.2020
14	Dr. (Mrs.) Shimla, Former Registrar-YMCAUST & BPS Mahilla University, Sonapat	23.08.2018	22.08.2020
15	Dr. K.K. Gupta, Principal-Aggarwal College, Ballabgarh	23.08.2018	22.08.2020
16	Sh. Naveen Sood, Chairman, Vee Gee Industries, FBD	12.09.2019	11.09.2021

D) FINANCE COMMITTEE OF THE UNIVERSITY

Sr.	Name of Member	Duration of Membership	
		From	Till
1.	Vice Chnacellor & chairman	Ex-Officio Member	
2.	Secretary to Govt., Finance Department, Haryana	Ex-Officio Member	
3.	Secretary to Govt., Technical Education Department, Haryana	Ex-Officio Member	
4.	Director General-Tchnical Education Deparment, Haryana	Ex-Officio Member	
5.	Controller of Finance, JCB UST	Ex-Officio Member	

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6.	Registrar- JCB UST	Ex-Officio Member Secretary	
7.	Dr. Komal Kumar Bhatia, Dean-FIC	15.07.2019	14.07.2021
8.	Dr. Arvind Gupta, Dean- MBA	15.07.2019	14.07.2021
9.	Dr. K.P. Kaushik, Professor, National Institute of Financial management (Nominee-Governor)	15.07.2019	14.07.2021
10.	Dr. Neera Verma, Professor-Department of Economics, Kurukshetra University (Nominee-Governor)	15.07.2019	14.07.2021

E) ACADEMIC COUNCIL

Section-16 (1) of University Act:

1. The Academic Council shall be principal academic body of the University and shall, subject to the provisions of this Act, the Statues and Ordinances, co-ordinate and exercise general supervision over all academic policies of the University.
2. The constitution of Academic Council, the term of its office members, its power and functions are as per provision of University Act 2009.

FORMATION OF ACADEMIC COUNCIL

Sr.	Member	Duration	
		From	Till
1.	Vice Chancellor	Ex-Officio Chairman	
2.	Director General-Technical Education, Haryana	Ex-Officio Member	
3.	Dean-Institutions	Ex-Officio Member	
4.	Dean- Engg & Tech	Ex-Officio Member	
5.	Dean- HAS	Ex-Officio Member	
6.	Dean- Management	Ex-Officio Member	
7.	Dean- Informatics & Computing	Ex-Officio Member	
8.	Dean - Academics	Ex-Officio Member	
9.	Dean- Colleges	Ex-Officio Member	
10.	Controller of Finance	Ex-Officio Member	
11.	Controller of Examinations	Ex-Officio Member	
12.	Librarian	Ex-Officio Member	
13.	Dr. P.R.Sharma, Professor-FET	01.09.2018	31.08.2020

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Sr.	Member	Duration	
		From	Till
14.	Dr. Naresh Chauhan, Professor-Informatics & Computing	01.09.2018	31.08.2020
15.	Dr. Ashutosh Nigam, Professor-MBA	01.09.2018	31.08.2020
16.	Dr. Atul Mishra, Professor- Informatics & Computing	01.09.2018	31.08.2020
17.	Dr. Anju Gupta, Associate Professor-FET	01.09.2018	31.08.2020
18.	Dr. Neetu Gupta, Associate Professor-HAS	01.09.2018	31.08.2020
19.	Dr. Manisha Goel, Associate Professor-MBA	01.09.2018	31.08.2020
20.	Dr. Mukesh Gupta, Assistant Professor-FET	01.09.2018	31.08.2020
21.	Dr. Harish Kumar, Assistant Professor- Informatics & Computing	01.09.2018	31.08.2020
22.	Dr. Reena Garg, Assistant Professor-HAS	01.09.2018	31.08.2020
23.	Sh. Rajiv Sindhvani, Assistant Professor-MBA	01.09.2018	31.08.2020
24.	Dr. Renuka Gupta, Assistant Professor- HAS	01.09.2018	31.08.2020
25.	Prof. S.C.Goyal, Professor (Retd)-CCS AU, Hisar	01.09.2018	31.08.2020
26.	Dr. Indu Shekhar Shastri, GM-Indian Oil Corporation	01.09.2018	31.08.2020
27.	Dr. B. Prasad, Professor- Kurukshetra University	01.09.2018	31.08.2020
28.	Dr. P.J. George, Professor (Retd) Kurukshetra University	01.09.2018	31.08.2020
29.	Sh. Naresh Aggarwal, MD-Deep Drilling & Offshore (P) Ltd.	01.09.2018	31.08.2020
30.	Dr. S.K. Goel, MD- Star Wire, Faridabad	01.09.2018	31.08.2020
31.	Dr. Ashok Agarwal, Professor, Kurukshetra university	01.09.2018	31.08.2020
32.	Prof. Randhir Singh, Dean-Academics HVSU, Gurugram	01.09.2018	31.08.2020
33.	Registrar- Member Secretary	01.09.2018	31.08.2020



**FILLED AND UNFILLED
FACULTY & STAFF POSITIONS**



DEPARTMENT AND COURSE-WISE FACULTY POSITIONS AND STATUS

Sr. No.	Department	Course	Aided/Self-Financed	Post	Sanctioned	Filled
1.	Mechanical Engineering Department	B.Tech.	Aided course	Professor	04	04
				Associate Professor	08	07
				Assistant Professor	17	16
		M.Tech.	Self-Financed	Professor	01	00
				Associate Professor	01	00
				Assistant Professor	01	01
2.	Computer Engineering Department	B.Tech. (Computer Engineering)	Aided course	Professor	02	01
				Associate Professor	04	04
				Assistant Professor	09	09
		M.Tech.	Self-Financed	Professor	02	00
				Associate Professor	02	00
				Assistant Professor	02	02
		B.Tech. (Information Technology)	Self-Financed	Professor	02	00
				Associate Professor	04	00
				Assistant Professor	09	09
		M.Tech (Information Technology)	Self-Financed	Professor	01	00
				Associate Professor	01	00
				Assistant Professor	01	01
		Master of Computer Applications	Self-Financed	Professor	01	00
				Associate Professor	02	01
				Assistant Professor	04	04
3.	Electrical Engineering Department	B.Tech.	Aided course	Professor	02	01
				Associate Professor	04	03
				Assistant Professor	09	09
		M. Tech.	Self-Financed	Professor	01	00
				Associate Professor	01	00
				Assistant Professor	01	01



Sr. No.	Department	Course	Aided/Self-Financed	Post	Sanctioned	Filled
4.	Electronics & Instrumentation Control Department	B.Tech.	Aided course	Professor	02	01
				Associate Professor	04	02
				Assistant Professor	10	10
5.	Electronics & Communication Engineering Department		Self-Financed	Professor	03	00
				Associate Professor	05	01
				Assistant Professor	10	09
		M.Tech.	Self-Financed	Professor	02	00
				Associate Professor	02	01
				Assistant Professor	02	01
6.	Humanities & Sciences Department		Aided Course	Assistant Professor	10	10
				Professor	05	00
			Self-Financed	Associate Professor	05	00
				Assistant Professor	14	05
7.	MBA Department	MBA	Self-Financed	Professor	01	01
				Associate Professor	02	02
				Assistant Professor	05	05
8.	Chemistry Department	B.Sc.	Aided Course	Professor	00	00
				Associate Professor	01	00
				Assistant Professor	06	03
		M.Sc.	Aided Course	Professor	01	00
				Associate Professor	01	01
				Assistant Professor	06	00
10.	Environmental Science Department	M.Sc.	Aided Course	Professor	01	00
				Associate Professor	01	01
				Assistant Professor	04	03
11.	Physics Department	B.Sc.	Aided Course	Professor	00	00
				Associate Professor	01	00
				Assistant Professor	06	03

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Sr. No.	Department	Course	Aided/Self-Financed	Post	Sanctioned	Filled
12.	Mathematics Department	B.Sc.	Aided Course	Professor	00	00
				Associate Professor	01	00
				Assistant Professor	06	03
13.	Civil Department	B.Tech	Aided Course	Professor	01	00
				Associate Professor	02	00
				Assistant Professor	04	02
14.	Bio Tech	M.Sc.	Aided Course	Professor	01	00
				Associate Professor	02	00
				Assistant Professor	04	00
15.	Micro Biology	M.Sc.	Aided Course	Professor	01	00
				Associate Professor	02	00
				Assistant Professor	04	00



**NON- TEACHING/ ADMINISTRATIVE/ TECHNICAL STAFF
(NON-PLANNED) POSTS**

S.No.	Name of Post	Pay Band + Grade Pay (Rs.)	No. of Post sanctioned by FD	No. of post filled in	No. of Post lying vacant
1.	TPO	37400-67000 + 10000	01	00	01
2.	Workshop Supdt.	15600-39100+8000	01	01	00
3.	System Manager	15600-39100+7600	01	01	00
4.	Dy. Registrar(To be designated as AR)	15600-39100+ 5400	02	02	00
5.	Assistant Registrar	15600-39100+ 5400	04	03	01
6.	Dy. Supdt	9300-34800+ 4000	10	04	06
7.	PA	9300-34800+ 4000	01	01	00
8.	Accountant	9300-34800+ 3600	01	00	01
9.	J.E (Civil)	9300-34800+ 4000	01	01	00
10.	Librarian (to be designated as Asstt. Librarian)	15600-39100+6000	01	01	00
11.	Library Counter Clerk	5200-20200+ 1900	03	02	01
12.	HOS	9300-34800+5400	07	07	00
13.	System Analyst cum Programmer	9300-34800+5400	01	01	00
14.	Sr. Instructor	9300-34800+4200	08	08	00
15.	Instructors	9300-34800+3600	16	14	02
16.	Technician	9300-34800+ 3600	08	03	05
17.	Lab Technician	9300-34800+3600	03	01	02
18.	Assistant cum DEO	9300-34800+ 3600	19	16	03
19.	Sr. Stenographer	9300-34800+ 3600	05	05	00
20.	Dispenser	9300-34800+ 3600	01	01	00
21.	Sr. Storekeeper	9300-34800+ 3600	01	00	01
22.	Jr. Stenographer	5200-20200+ 2400	07	02	05
23.	Clerk-cum-JDEO	5200-20200+ 1900	32	23	09
24.	Electrician- Gr-II	5200-20200+ 2400	01	01	00
25.	Electrician- Gr-I	9300-34800+3200	02	02	00
26.	Driver	5200-20200+ 2400	02	02	00
27.	Carpenter	5200-20200+ 1900	01	01	00
28.	Lab Assistant	5200-20200+1900	12	10	02
29.	Male Dispensary Attendant	4440-7440+ 1400	01	00	01

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S.No.	Name of Post	Pay Band + Grade Pay (Rs.)	No. of Post sanctioned by FD	No. of post filled in	No. of Post lying vacant
30.	Peon	4440-7440+ 1300	14	10	04
31.	Helper/ Attendant	4440-7440+ 1300	14	10	04
32.	Lab Attendant	4440-7440+ 1300	09	00	09
33.	Medical Officer (Part Time) Male	20,000/- pm consolidated	01	01	00
34.	Medical Officer (Part Time) Female	20,000/- pm consolidated	01	00	01
	TOTAL (AIDED)		192	134	58

NON- TEACHING/ ADMINISTRATIVE/ TECHNICAL STAFF (PLANNED) POSTS

S. No	Name of Post	Pay Band + Grade Pay (Rs.)	No. of Post sanctioned by FD	No. of post filled in	No. of Post lying vacant
1.	Registrar	37400-67000+ 10000	01	01	00
2.	Controller of Finance	37400-67000+10000	01	00	01
3.	Controller of Exam	37400-67000+10000	01	01	00
4.	Dy. Registrar	15600-39100+7600	06	03	03
5.	Assistant Law Officer	9300-34800+4600	01	01	00
6.	Executive Engineer (Civil)	15600-39100+6000	01	00	01
7.	SDE (Civil)	9300-34800+5400	01	01	00
8.	Director Physical Education	15600-39100+6000	01	00	01
9.	Public Relation Officer	9300-34800+5400	01	01	00
10.	Superintendant	9300-34800+4200	08	01	07
11.	Dy. Supdt	9300-34800+ 4000	02	00	02
12.	Private Secretary to VC	9300-34800+4200	01	00	01
13.	PA	9300-34800+ 4000	02	02	00
14.	J.E (Electrical)	9300-34800+4000	01	01	00
15.	Librarian (University)	37400-67000+10000	01	00	01
16.	Library Attendant cum Restorer	5200-20200+1900	01	00	01
17.	Lab Assistant	5200-20200+1900	02	02	00

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18.	Assistant cum DEO	9300-34800+ 3600	02	00	02
19.	Cashier	9300-34800+3600	01	01	00
20.	Storekeeper	5200-20200+1900	01	00	01
21.	Clerk-cum-JDEO	5200-20200+ 1900	06	03	03
22.	Electrician- Gr-I	9300-34800+3200	01	01	00
23.	Generator Operator	5200-20200+1900	01	01	00
24.	Lineman	5200-20200+2400	01	00	01
25.	Plumber Gr.II	5200-20200+2400	01	01	00
26.	Matron	5200-20200+1900	01	00	01
27.	Nurse	9300-34800+4200	01	01	00
28.	Medical Officer	9300-34800+5400	01	01	00
	TOTAL (AIDED)		49	23	26

**NON-TEACHING/ ADMINISTRATIVE/ TECHNICAL STAFF
(UNDER SFS) POSTS**

S. No	Name of Post	Pay Band + Grade Pay (Rs.)	No. of Post sanctioned by FD	No. of post filled in	No. of Post lying vacant
1.	Assistant Library Professional	9300-34800+3600	01 (SFS)	01	00
2.	Library Counter Clerk	5200-20200+ 1900	03 (SFS)	00	03
3.	HOS (SFS)	9300-34800+5400	02 (SFS)	00	02
4.	Sr. Instructor (SFS)	9300-34800+4200	02 (SFS)	01	01
5.	Instructor (SFS)	9300-34800+3600	02 (SFS)	01	01
6.	Technician (SFS)	9300-34800+3600	02 (SFS)	00	02
7.	Data Entry Operator	5200-20200+ 1900	04 (SFS)	02	02
		Total	16	05	11

NON-TEACHING STAFF (REGULAR)

S.No	Name	Designation	Date of Joining
1.	Prof. Dinesh Kumar	Vice Chancellor	04.11.2015
2.	Dr. Sunil Kumar Garg	Registrar	06.02.2019

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S.No	Name	Designation	Date of Joining
3.	Dr. Rajiv Kumar Singh	Controller of Examinations	01.03.2014
4.	Dr. Munish Vashistha	Controller of Finance	Additional Charge
5.	Sh. Vivek Sharma	Workshop Superintendent	06.02.2017
6.	Dr. Meha Sharma	Dy. Registrar	09.09.2019
7.	Sh. Manish Gupta	Dy. Registrar	11.09.2019
8.	Sh. Himanshu Gandhi	System Manager	12.08.2009
9.	Dr. Ankur Sharma	Medical Officer	08.02.2017
10.	Sh. Vikash Sharma	Asstt. Registrar	23.11.2016
11.	Sh. Sachin Gupta	Asstt. Registrar	24.11.2016
12.	Ms. Jyoti Mor	Asstt. Registrar	30.10.2019
13.	Vishal Kumar	Asstt. Registrar	30.10.2019
14.	Sh. Gaurav Garg	Asstt. Registrar	30.10.2019
15.	Sh. Ajay Taneja	Executive Engineer	03.11.2016
16.	Sh. P. N. Bajpai	Assistant Librarian	28.03.2006
17.	Sh. Ankit Pannu	System Analyst Cum Programmer	27.11.2018
18.	Sh. Rajpal	Superintendent.	01.12.1983
19.	Smt. Renu Chawla	Personal Assistant	20.03.1986
20.	Sh. Dinesh Arora	Personal Assistant	17.11.1989
21.	Sh. Satya Pal Kalyan	Personal Assistant	30.04.1993
22.	Sh. A. K. Sharma	SDE (Civil)	23.12.1994
23.	Sh. Om Prakash	JE (Electrical)	07.03.2008
24.	Sh. Tulsi Ram Chauhan	JE (Civil)	16.07.2014
25.	Smt. Renu Dagar	Asstt. Law Officer	11.07.2014
26.	Sh. Jitender Singh Yadav	Public Relation Officer	31.07.2014
27.	Ms. Sarita Jain	Nurse	05.08.2014
28.	Sh. Sanjay Singh	Dy. Supdt.	14.01.2013
29.	Sh. Sharad Fuloria	Dy. Supdt.	28.11.2013
30.	Ms. Arti Singh	Dy. Supdt.	26.11.2013
31.	Sh. Jogender Singh Gaud	Dy. Supdt.	05.12.2012
32.	Sh. Saurabh Chaudhary	Assistant	17.01.2013

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S.No	Name	Designation	Date of Joining
33.	Sh. Abhinav	Assistant	19.12.2016
34.	Ms. Anuradha	Assistant	09.11.2012
35.	Mr. Naresh Kumar	Assistant	09.11.2012
36.	Ms. Lalita Kumari	Assistant	08.11.2012
37.	Ms. Jyoti Gaur	Assistant	09.11.2012
38.	Sh. Shishupal Kesri	Assistant	09.11.2012
39.	Mr. Mahender Saini	Assistant	09.11.2012
40.	Sh. Jaswant	Assistant	25.07.2014
41.	Sh. Mohit Sharma	Assistant	25.07.2014
42.	Ms. Sandhya Jaiswar	Assistant	24.01.2013
43.	Sh. Rajdeep	Assistant	01.08.2014
44.	Sh. Parvinder Kumar Ranga	Assistant	09.08.2019
45.	Sh. Yash Chauhan	Assistant	09.08.2019
46.	Sh. Sushil Kumar	Assistant	20.08.2019
47.	Sh. Sunil Dutt	Assistant	04.09.2019
48.	Sh. Sunil Vats	Assistant	09.09.2019
49.	Sh. Raj Kumar	Assistant	29.11.2019
50.	Sh. Ankur Gupta	Cashier	28.07.2016
51.	Ms. Richa Rani	Sr. Steno	04.12.2013
52.	Ms. Seema Sharma	Sr. Steno	15.01.2013
53.	Smt. Sunita	Sr. Steno	18.07.2014
54.	Sh. Rajeev Sharma	Sr. Steno	05.02.2013
55.	Sh. Prince	Sr. Steno	02.08.2016
56.	Ms. Sakshi	Jr. Steno	07.08.2019
57.	Ms. Gita Devi	Jr. Steno	19.08.2019
58.	Sh. Ankur Bhushan Goyal	Dispenser	06.06.2012
59.	Sh. Ashish Kumar Malik	Store Keeper	14.07.2014

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S.No	Name	Designation	Date of Joining
60.	Sh. Balwan Singh	Clerk	06.11.1987
61.	Sh. Shiv Raj	Clerk	11.03.1991
62.	Mr. Hem Singh	Clerk	24.01.2013
63.	Sh. Parmod Kumar	Clerk	01.08.2014
64.	Mr. Jitender	Clerk	27.09.2002
65.	Mr. Sanjay Mishra	Clerk	07.08.2006
66.	Sh. Navdeep Singh	Clerk	07.09.2018
67.	Ms. Pargya Rashmi	Clerk	07.09.2018
68.	Sh. Kishan Singh	Clerk	06.08.2019
69.	Sh. Parveen Kumar	Clerk	07.08.2019
70.	Sh. Narottam Vats	Clerk	08.08.2019
71.	Sh. Bharat Singh	Clerk	08.08.2019
72.	Sh. Sonu Sagar	Clerk	09.08.2019
73.	Sh. Jitesh	Clerk	19.09.2019
74.	Sh. Puneet	Clerk	09.08.2019
75.	Sh. Kishan Dass	Clerk	09.08.2019
76.	Sh. Chander Shekher	Clerk	09.08.2019
77.	Sh. Amarjeet Singh	Clerk	13.08.2019
78.	Sh. Devender Kumar Sharma	Clerk	13.08.2019
79.	Sh. Mahesh Kumar	Clerk	14.08.2019
80.	Sh. Himanshu Sindhi	Clerk	19.08.2019
81.	Sh. Sawan Kumar Sah	Clerk	13.09.2019
82.	Sh. Satish Kumar	Clerk	18.09.2019
83.	Sh. Sukhvinder	Clerk	02.12.2019
84.	Sh. Parvesh Thakur	Clerk	03.12.2019

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S.No	Name	Designation	Date of Joining
85.	Sh. Devender	Clerk	02.12.2019
86.	Sh. Avnish Kumar Gaur	Lab Technician	04.08.2014
87.	Ms. Savita Devi	Lab Assistant	08.09.2014
88.	Ms. Suman Sharma	Lab Assistant	06.08.2019
89.	Ms. Ankita	Lab Assistant	07.08.2019
90.	Sh. Deepak Rawat	Lab Assistant	07.08.2019
91.	Ms. Sarita	Lab Assistant	07.08.2019
92.	Sh. Jawahar Lal	Lab Assistant	08.08.2019
93.	Sh. Sachin Sharma	Lab Assistant	08.08.2019
94.	Sh. Virender Singh	Lab Assistant	09.08.2019
95.	Sh. Vinod Kumar	Lab Assistant	09.08.2019
96.	Sh. Naveen Kumar Yadav	Lab Assistant	29.08.2019
97.	Sh. Krishan Kumar	Lab Assistant	05.12.2019
98.	Sh. Bhagwat Dayal	Electrician	14.03.2012
99.	Sh. Ashok Kumar	Electrician	14.03.2012
100.	Sh. Anil Kumar	Electrician	19.11.2012
101.	Sh. Chand Kishore	Electrician Grade-II	11.07.2014
102.	Sh. Ram Niwas	Driver	05.03.1997
103.	Sh. Jagdish Sharma	Driver	15.03.2012
104.	Sh. Tipu Singh	Plumber	11.07.2014
105.	Sh. Bijender	Carpenter	13.08.2012
106.	Ms. Sadhna Bajpai	Library Counter Clerk	21.01.2008
107.	Sh. Saurabh Dixit	Library Counter Clerk	05.09.2018
108.	Ms. Pooja	Library Attendant Cum Restorer	12.09.2018
109.	Sh. Avnish Kumar Sharma	Generator Operator	14.07.2014
110.	Mr. Naresh Pahadia	Peon	13.03.2012
111.	Mr. Heera Lal Prajapat	Peon	12.03.2012
112.	Mr. Raj Kumar	Peon	12.03.2012

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S.No	Name	Designation	Date of Joining
113.	Mohd. Sakir	Peon	22.03.2012
114.	Mr. Jagbir Singh	Peon	20.03.2012
115.	Mr. Ram Prakash	Peon	19.03.2012
116.	Mr. Satbir	Peon	20.03.2012
117.	Mr. Satish Chand Parewa	Peon	20.03.2012
118.	Sh. Mohit Kumar	Peon	25.11.2013
119.	Sh. Amit Kumar Saroha	Peon	25.11.2013
120.	Mr. Kishore Kumar	H/Attendant	03.07.1985
121.	Mr. Mahabir Singh	H/Attendant	17.11.1994
122.	Mr. Rajbir	H/Attendant	01.04.1998
123.	Mr. Jang Bahadur Singh	H/Attendant	04.06.2001
124.	Mr. Satish Kumar	H/Attendant	22.10.1996
125.	Mr. Pappi	H/Attendant	05.04.1990
126.	Mr. Varun	H/Attendant	21.03.2012
127.	Mr. Kailash	H/Attendant	25.07.2014
128.	Mr. Jai Kishan Verma	H/Attendant	25.07.2014
129.	Mr. Bishan Pal	H/Attendant	09.11.1987
130.	Dr. Amit Gupta	Medical Officer (Part Time)	

WORKSHOP STAFF (REGULAR)

S.No.	Name	Designation	Date of Joining
1.	Sh. Vivek Sharma	Workshop Superintendent	06.02.2017
2.	Sh. Manmohan Kakkar	Head of Section (RAC)	10.08.2006
3.	Sh. Lalit Mohan	Head of Section (ECE)	15.07.1994
4.	Dr. Dharam Vir	Head of Section (EIC)	13.07.1992
5.	Sh. Satpal	Head of Section (GEW)	18.08.2006
6.	Sh. Ashish Pal	Head of Section (FWSMT)	29.01.2008
7.	Sh. Mukesh Kumar Gupta	Head of Section (CE)	29.09.2006
8.	Sh. Atul Sharma	Head of Section (M/Shop)	12.04.2012
9.	Mrs. Kusum Arora	Sr. Instructor	16.10.2006

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S.No.	Name	Designation	Date of Joining
10.	Dr. Mukesh Kumar Garg	Sr. Instructor	19.10.1993
11.	Sh. Pawan Kumar	Sr. Instructor	26.03.2012
12.	Sh. Sunder Singh	Sr. Instructor	17.08.2006
13.	Sh. Rahish Kumar	Sr. Instructor	15.02.2008
14.	Sh. Sulender	Sr. Instructor	04.08.2006
15.	Sh. Mukesh Kumar	Sr. Instructor	06.10.2006
16.	Sh. Bhagat Singh	Sr. Instructor	18.09.2006
17.	Mrs. Dipika Nayak	Instructor	25.01.2008
18.	Sh. Sanjay Kumar	Instructor	23.01.2008
19.	Sh. Sanjay Upadhyay	Instructor	08.02.2008
20.	Sh. Sanjay Kumar	Instructor	29.01.2008
21.	Sh. Udai Narain Singh Kushwaha	Instructor	09.04.2012
22.	Sh. Mahinder	Instructor	03.08.2006
23.	Sh. Vijay Kumar	Instructor	02.08.2006
24.	Mrs. Poulami Jana	Instructor	01.02.2008
25.	Ms. Lavita Virmani	Instructor	11.07.2014
26.	Sh. Suresh Kumar	Instructor	01.02.2008
27.	Sh. Puran Lal	Instructor	08.07.2013
28.	Sh. Fateh Singh	Instructor	03.04.2012
29.	Sh. Krishan Kumar	Instructor	11.07.2014
30.	Sh. Krishan Bhardwaj	Instructor	08.07.2013
31.	Sh. Baij Nath	Technician	09.07.2013
32.	Sh. Varinder Singh	Technician	11.07.2014
33.	Sh. Ram Avtar	Technician	02.08.2006



NON-TEACHING & WORKSHOP STAFF (UNDER SFS) AS ON 31.03.2020

S.No.	Name	Designation	Date of Joining	Remarks
1	Sh. Jitender Kumar	Sr. Instructor (IT)	26.03.2012	Tenure
2	Sh. Mohan Singh	Instructor (IT)	26.03.2012	Tenure
3	Mr. Ashwini Manchanda	DEO	08.11.2012	Tenure
4	Mr. Jaswant Pahadia	DEO	07.10.2013	Tenure
5	Ms. Hema Singh	Asstt. Library Professional	15.10.2012	Tenure



RESEARCH ACTIVITIES



RESEARCH INITIATIVES AND COURSES

Ph.D program was started in YMCA in the year 2010. Till now, more than 179 students of 2010, 2011, 2012, 2014, 2015, 2016, 2017 and 2018 batches are enrolled for Ph.D. programmes in the discipline of Mechanical Engineering, Electrical Engineering, Electronics Engineering, Computer Engineering, Management, Physics, Environmental Sciences, Chemistry and Mathematics.

Academic session	Computer Engineering	Mechanical Engineering	Electrical Engineering	Humanities and Applied Sciences	Management Studies
2010-2011	14	15	5	-	-
2011-2012	10	13	17	11(8 Physics + 3 Maths)	8
2012-2013	13	25	7	2	4
2013-2014	-	-	-	-	-
2014-2015	-	03	01	02	-
2015-2016	04	04	02	01	-
2016-2017	04	04	02	1(Maths)	-
2017-2018	05	08	14	2(Physics) 01(English) 01 (Mathematics) 01(Chemistry)	01
2018-2019	06	01	03	4(Physics) 01(EVS) 01(English) 01(Mathematics)	02



**UNIVERSITY
HEALTH CENTRE**



HEALTH CENTRE

Medical Officer: Dr. Ankur Sharma

The University Health Centre, located within the campus, at a close distance from the academic and hostel blocks. It has been upgraded into a fully air-conditioned Health Centre having one regular and one part time doctor, one nurse, one pharmacist, one clerk/typist, one dispensary attendant and one helper attendant. The Health caters the need of all the students and staff, including regular check up and medicines for common ailments. The average of daily out-door patients are about 55 which include patients comes during odd hours.

The team of qualified doctors is always available to provide regular intensive medical care to the students. In case of emergency, the student is immediately transported to the hospital via University ambulance which is provided free of cost to the students. Computerised ECG, Laboratory investigation facilities with Haematology analyser and biochemistry analyser have also been provided.

The following facilities are available in the Health Centre:

1. First Aid Facility in case of minor injury.
2. Blood Pressure and Temperature measurement.
3. Blood Sugar by Glucometer.
4. Physicians Consultations.
5. Oxygen Concentrator.
6. Nebulizer Facility.
7. Weight and Height Measurement.
8. Wheel chair facility for Handicapped.
9. Visiting Doctor Facility.
10. Super Specialty health Camp.

The following investigations are carried out in Health Centre:-

1. CBC
2. MP by Card Method
3. Typhi Dot
4. LFT
5. KFT
6. LIPID PROFILE
7. Blood Group
8. Widal
9. ECG



UNIVERSITY HOSTEL



BOY'S HOSTEL

Chief Warden: Dr. Vikas Kumar

Additional Chief Warden: Dr. Krishan Verma

All the Boy's Hostel on the university campus are under the supervision of Chief Warden (Boy's Hostel). There are three boy's hostels on the sprawling campus of university. The Following table lists the strength of students residing in different Hostels as in December 2019 along with names of Warden.

Sr. no.	Name of Hostel	No. of Resident	Name of Wardens
1	Nehru Hall	120	Dr. O.P Mishra
2	Zakir Hall	120	Sh. Ashish Pal
3	C.V Raman Hall	98	Dr. Mahesh Chand

The university hostels provide accommodation to the students of university teaching departments. All the boys Hostels are situated in the vicinity of the Post office and Indian overseas Bank. Mess arrangement exists in all the hostels on contract basis. Some of the facilities which have been provided to the residents are: LPG system of cooking in Kitchen, big size pressure cookers, geysers for hot water in winter season, fans and power plugs in each rooms of the hostel, water cooler with water purifier etc., and facility of newspaper. Magazines of national/international importance, indoor games like carom and T.T including LED TV have been provided in common rooms. Hard bed, Racks, Table, chairs are also available to all the inmates.

In hostels, the students themselves manage their messes through their elected Mess-committees and enjoy food of their liking. To provide the hygienic food, the refined oil, milk, rice etc. of standard brands are used for cooking in all the messes after procuring from Government and non –Govt. agencies.

One ambulance remains ready round the clock for exclusive use of students residing in the hostels. The Ambulance remains parked near Dispensary and one driver is available on the Ambulance round the clock.

GIRLS HOSTEL

Chief Hostel Warden: Dr Sandhya Dixit

Additional Chief Hostel Warden: Dr Manvi

The Girls' Hostel has four wings. The table below gives details regarding the name of the wings, the strength of the students in each wing and the name of their wardens.

S.No	Name of the Hostel	No. of Students	Name of the Warden
1.	Mother Teresa Wing	88	Ms. Lavita Virmani
2.	Kalpana Chawla Wing	112	Ms. Anubha Gautam
3.	Sarojini Wing	79	Dr. Rewa Sharma
4.	Kasturba Wing	84	Ms Manju

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In addition, there is a dedicated staff of 12 members who cater to the needs of the girls 24x7. The staff includes a resident attendant, matron, lady guards, sweepers, data entry operator.

The University provides Hostel accommodation to the undergraduate, post graduate and PhD students from all the streams (Engineering, Management and Humanities). The allotment is done on first come, first serve basis with preference given to the students who come from beyond 60 kms radial distance.

The Hostel provides some of the most remarkable facilities to its students as listed below:

1. Mess Facility-The hostel mess which is run on contract basis, provides hygienic food and water with clean utensils and proper furniture for the girls to dine. Police verification and medical check-up of the mess workers is done to ensure the safety and health of the students. Periodic inspection is done by the wardens and students representatives to maintain the standards and quality of the food items. Facility of shift canteen is also provided to the girls at the time of exams.
2. Well ventilated and capacious rooms.
3. Reading room with desktops, Common room with LED TV, Gymnasium with music system and Guest room.
4. 24x7 RO water supply and water tank clean regularly.
5. First aid and 24x7 Ambulance facilities.
6. Badminton and Basketball courts.
7. Sports and Recreational Facilities
8. CCTV surveillance. More cameras are added in year 2018-19
9. Biometric Attendance System, manually attendance and daily entry record
10. Sanitary Napkin Vending Machines and Incinerators in all the wings.
11. Geysers
12. Induction Cook Tops and grilled sandwich makers.
13. Newspapers and Magazines supply
14. Wi-Fi
15. Soft water tank has been constructed in year 2018-19 to provide soft water to the girls
16. Apart from all the facilities mentioned above pest control and fumigation/spray for protection from rats and mosquitoes is done on regular basis.
17. Expert lectures are organized to create awareness amongst the girls to maintain hygiene and cleanliness.
18. Self Defense, Anti Ragging, Anti drugs, Career counseling and Yoga classes are also organized time to time.
19. The hostel administration organizes a hostel night party every year to welcome its new students which let the students mingle with each other to make the hostel atmosphere amicable and friendly.
20. Strict rules have been formulated to maintain discipline and hygiene in the hostel premises though prohibition of ragging is the major concern of the authorities. The students are expected to strictly adhere to the hostel entry and exit timings.
21. Feedback registers, Complaint registers and suggestion box are maintained to address the grievances of the students.
22. Maintain the Mess food Inspection report, Student feedback report, and cleanliness report.



PLACEMENT OF STUDENTS

**PLACEMENT OFFICE**

Training and Placement Officer: Dr. Lakhwinder Singh,
Assistant Training and Placement officer: Dr. Sapna Gambhir
Assistant Training and Placement officer: Dr. Nikhil Dev

Other Staff:

Mr. Rajiv Sharma, Sr. Steno Training and Placement office
Mr. Raj Kumar, Assistant Training and Placement office

INTRODUCTION:

Training and Placement Cell has the goal to provide employment opportunities and world class training to students in leading organizations. Since its inception in 1969, the curricula of the then institute, now University has been widely acclaimed and accepted by the industries. The students undergo one-semester training in their final year which is unique to the University and allows the students to have a firsthand experience of the corporate world. The University has an excellent placement record. Our students are getting selected for all major locations across India and overseas like China and UAE also.

LAST FIVE YEARS DATA SHEET

S.No.	Year	Total Offers	Numbe of companies	Highest package	Avarage package
1	2015-2016	421	85	20 LPA	3.76 LPA
2	2016-2017	329	73	27 LPA	4.61 LPA
3	2017-2018	322	138	27 LPA	3.73 LPA
4	2018-2019	399	188	28.75 LPA	3.82 LPA
5	2019-2020	338	139	28.75 LPA	--

PLACEMENT STATISTICS 2019 PASSED OUT BATCH

S.No.	Name of Company	No. of Offers	PKG Offered Lacs per annum	For branches visited
1	Johnshon Hitachi	14	5 LPA, 14000/-PM	B.Tech Mech.
2	Hero Moto corp	7	5000/-PM	B.Tech Mech./EL
3	Escorts	7		MBA
4	STM	10	21000/-PM	B.Tech CS/IT/ECE
5	Escorts	8		B.Tech Mech
6	Danfoss	2	10000/-PM	B.Tech Mech
7	Dabur	3	12000/-PM	B.Tech EIC,Mech.
8	Grand Slam Fitness	2		MBA
9	Suvidha	4	5000/-PM	B.Tech Mech.

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S.No.	Name of Company	No. of Offers	PKG Offered Lacs per annum	For branches visited
10	IOCL	1	5000/-PM	B.Tech Mech
11	LG	12		B.Tech ECE,EIC,EL,Mech
12	Sketch Design	3	2500/-PM	B.Tech ECE,EIC
13	Cadence	1		B.Tech ECE,EIC
14	Emtech	8		B.Tech ECE,EIC
15	Eicher	10	8000/-PM	B.Tech Mech.
16	KPMG	5	4.72 to 5.1LPA	B.Tech CS/IT
17	Posist	1	8.5 LPA	B.Tech CS/IT
18	TCS	52	3.5 LPA	B.Tech B.Tech, M.Tech /MCA/
19	Gemini Solutions	4	4.8 to 5.4 LPA	B.Tech CS/IT
20	HCL	11	3.5 UG, 4.75 PG LPA	B.Tech CS,IT, M.Tech CS,IT,MN
21	Amazon	8	40000/-PM, 28.75 LPA	B.Tech CS,IT, M.Tech CS,IT,MN
22	Samsung	26	10.5 LPA	B.Tech CS,IT,ECE,EIC
23	Josh Technology	4	7.5 LPA	B.Tech CE,IT, ECE, M.Tech, MCA
24	Thought2Binary	1	3-4 LPA	B.Tech CE,IT
25	Libsys	3	5 LPA	B.Tech CE,IT, MCA
26	Yamaha	4	5 LPA, 21000/-PM	B.Tech CE,IT,M.Tech, CE,IT,CN, MCA
27	Grapacity	1	3 to 4.3 LPA	B.Tech CE,IT, MCA
28	Maruti Suzuki	4	8 LPA	B.Tech CE,IT, ECE,EIC, Mech.
29	India Mart	1	2.5 LPA	MBA
30	STM	12	21000/-PM	M.Tech, B.Tech
31	Hughes	3	5 LPA	B.Tech CE,IT
32	Polestar	1	3.47 LPA 12000/-PM	B.Tech CE
33	Grappus	1	4.5 LPA	B.Tech CE,IT
34	OYO	4	4 LPA	B.Tech CE,IT,ECE, MCA
35	Omax	2	5.5 LPA	B.Tech Mech. /EL
36	Acezd	1	3 LPA/ 10000/-PM	B.Tech IT
37	Webkul	2	3.2 LPA	B.Tech IT
38	Emtech Foundation	8		B.Tech CE,IT,MCA
39	Traveloka	1	10 LPA, 35000/-PM	B.Tech IT,CE
40	Infoedge	1	6.5 LPA	B.Tech CE,IT,MCA
41	Just Dial	3	2.88 LPA, 20000/-PM	B.Tech CE,IT,ECE
42	Cogneau	1	10000/-PM	B.Tech CE,IT,MCA
43	Sapient	1	21000/-PM	B.Tech CE,IT,MCA

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S.No.	Name of Company	No. of Offers	PKG Offered Lacs per annum	For branches visited
44	New Holland	6	2.4 LPA	M.Tech Mech
45	Daffodils	1	3.5 LPA	B.Tech CE,IT,MCA
46	IFB	3	3.2 LPA	B.Tech CE,IT,MCA
47	VG & Associates	1	7000/-PM	B.Tech CE,IT,MCA
48	Mphasis	1	2.5 LPA	B.Tech CE,IT,EIC
49	SMS Group	7	4 LPA	B.Tech ECE,EIC,EL,Mech
50	ISGEC	8	4.47 LPA	B.Tech ECE,EIC,EL,Mech
51	Federal Bank	3	6.9 LPA	MBA, B.Tech ECE
52	Sanden Vikas	1	3 LPA	M.Tech
53	Infosys	8	3.4 LPA	M.Tech, B.Tech
54	Sirion Labs	3	11 LPA	B.Tech CE,IT,ECE,EIC
55	IFB	5	4.5 LPA	B.Tech ECE,EIC,EL,Mech
56	BCH	1	4.5 LPA	B.Tech ECE,EIC,EL,Mech
57	Reliance Jio	7	2.53 LPA	B.Tech ECE,EIC,IT
58	Zia Semi Conductor	1	2.7 LPA	B.Tech EIC
59	Havells	13	3.6 LPA	B.Tech ECE,EIC,EL,Mech
60	Mediatek	1	6.9 LPA	B.Tech ECE,EIC,EL,Mech
61	Panasonic	3	5 LPA	B.Tech ECE,EIC,Mech.
62	JTEKT	6	4 to 5.5 LPA	B.Tech Mech, MBA
63	Eckovation	1	3 LPA	B.Tech CE,IT,ECE
64	Johnson Control	18	4 LPA	B.Tech ECE,EIC,EL,Mech
65	VIVO	5	2.16 to 3.36 LPA	MBA, B.Tech, MCA
66	Dabur	1	7.25 LPA	B.Tech Mech.
67	Infosys	1	3.5 LPA	B.Tech ECE
68	ICAT	4	2.4 LPA	B.Tech ECE
69	Denso	1	4.2 LPA	B.Tech EIC
70	Pinclick	7	4.8 LPA	B.Tech EIC, MBA
71	United Petrochem Pvt. Ltd.	2		MBA
72	Micro Precision Products	2	1.8 LPA	Mech.
73	Artic Refrigeration	7	2.5 to 3 LPA	Mech.
74	Raptor Supplies	2	2.8 LPA	B.Tech EL, MBA
75	NCCBM	2	3.6 LPA	B.Tech EL
76	MV Electrosystem Pvt. Ltd.	9	4-10 LPA	B.Tech, M.Tech

**EVENTS/ACTIVITIES/ACHIEVEMENTS DURING THE YEAR**

Sr. No	Date	Name of Activity	Number of Participants
01.	01.08.2019	Personality Development Class (150 Hours)	258
02.	05.08.2019- 07.08.2019	Employability skill test	1000
02.	08.04.2019	Challenges in Corporate world (New Holland)	93
03.	10.10.2019	“Insight of Behavioural Science in today’s Dynamic Environment” Guest Lecture, Sh. Abhishek Sharma, Manager-Human Resources, JK Lakshmi Cement Ltd. New Delhi	175
04.	10.10.20219	“Entrepreneurship” Guest Lecture, Sh. Preet Kamal Singh, Vice-President ICICI, Securities Ltd.	175
05.	14.12.2019	Job Fair	175



UNIVERSITY CELLS



UNIVERSITY CELL

The University carry out various activities under the different cells. The details of different Cell functional in the University are as under:

INTERNAL QUALITY ASSURANCE CELL (IQAC)

INTRODUCTION

J. C. Bose University of Science and Technology, YMCA Faridabad, is poised to grow with built-in quality systems in all processes of the University. Maintaining the momentum of quality consciousness is crucial in Universities. Internal Quality Assurance Cell, in fact, was established on 22.09.2015 as per 12th Plan Guidelines of UGC with a grant of Rs. 4,50,000/-as a mechanism to build and ensure a quality culture at the institutional level.

The internal quality assurance mechanism of any institution/university called as “**Internal Quality Assurance Cell (IQAC)**” is meant for planning, guiding and monitoring Quality Assurance (QA) and Quality Enhancement (QE) activities of the same. National Assessment and Accreditation Council (NAAC) – an autonomous body established by the University Grants Commission (UGC) of India advocates that the IQAC has the potential to become a vehicle for ushering in quality by working out intervention strategies to remove deficiencies and enhance quality.

“Its success depends upon the sense of belongingness and participation it can inculcate in all the constituents of the institution. It will not be yet another hierarchical structure or recordkeeping exercise in the University. It will be a facilitative and participative voluntary system/unit/organ of the University”.

The IQAC has the potential to become a vehicle for ushering in quality by working out intervention strategies to remove deficiencies and enhance quality. Quality circles in industries operate on similar lines.

OBJECTIVES

1. To develop a quality system for conscious, consistent and catalytic programmed action to improve the academic and administrative performance of the University.
2. To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

FUNCTIONS

The prime aim of the University is to see that every student has equal access to competent and qualitative teaching which leads to vibrant academic, social and personal growth on the campus and off the campus.

The functions of the IQAC at the University would include:

- a) Development and application of quality benchmarks/parameters for the various academic and administrative activities of the University.
- b) Facilitating the creation of a learner-centric environment conducive for quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process;
- c) Initiate documentation of the various programmes/activities of the University, leading to quality improvement.
- d) Inculcate a system of transparency and mutual trust among stakeholders.



- e) Sensitization and dissemination of information on the various quality parameters of higher education.
- f) Preparation of the Annual Quality Assurance Reports (AQAR)

CONSTITUTION OF IQAC

S. NO.	NAME	DESIGNATION
1.	Vice Chancellor, YMCAUST, Faridabad	Chairman
2.	Registrar, YMCAUST, Faridabad	Member
3.	Prof. Sandeep Grover, YMCAUST Faridabad	Member
4.	Prof. Tilak Raj, YMCAUST Faridabad	Member
5.	Prof. Komal Bhatia, YMCAUST, Faridabad	Member
6.	Dr. Manisha Goel, YMCAUST, Faridabad	Member
7.	Dr. Anuradha Sharma, YMCAUST, Faridabad	Member
8.	Dr. Neetu Gupta, YMCAUST, Faridabad	Member
9.	Dr. Shailender Gupta, YMCAUST, Faridabad	Member
10.	Dr. Sakshi Kalra, YMCAUST, Faridabad	Member
11.	Controller of Finance, YMCAUST, Faridabad	Member
12.	Dr. Rajiv Singh, Controller of Examinations, JCBUST, YMCA, Faridabad	Member
13.	Prof. Dinesh Kumar, Deptt. of Geophysics, Kurukshetra University, Kurukshetra	Member (Outside Expert)
14.	Prof. Z. A. Khan, Deptt. of Mech. Engg., Jamia Millia Islamia, N Delhi	Member (Outside Expert)
15.	Prof. Naresh Grover, Deptt. of Electronics Manav Rachna Int. Institute of Research and Studies, Faridabad	Member (Outside Expert)
16.	Mr. Sukhdev Singh- Managing Director & Chief Executive Officer Hind Hydraulics Pvt. Ltd., Faridabad	Member (Outside Expert)
17.	Prof. Hari Om, YMCAUST, Faridabad	Director -IQAC (Member Secretary)

MEETINGS/ACTIVITIES OF IQAC DURING YEAR 2018-19

DATE	MEETINGS/ACTIVITIES
24.04.2018	Expert talk on 'NBA accreditation for PG engineering programme : An Overview'
02.05.2018 - 03.05.2018	Two days' Workshop on 'Outcome based Accreditation for Under Graduate Engineering Program'
01.08.2018	Orientation Programme for newly recruited teachers

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14.08.2018	Seminar on Higher Education in Haryana: A Perspective on Quality
05.10.2018	IQAC meeting
12.01.2019 - 30.01.2019	External Academic Audit
15.03.2019 - 03.04.2019	External Administrative Audit
26.03.2019	IQAC meeting
12.04.2019	Research award day
23.04.2019	Expert lecture on Introduction of COs and POs for first year teachers

DIGITAL INDIA CELL

Digital India is a campaign launched by the Government of India to ensure that Government services are made available to citizens electronically by improving online infrastructure, by increasing Internet connectivity and by making the country digitally empowered in the field of technology.

Digital India Cell was incepted in July 2015 which aims to conduct Digital India Events at the University level and works as a link between Govt. initiatives and the University. The cell also works to aware students and staff about the Digital Pedagogical strategies, Govt. Digital Payment systems, Apps and other Digital Initiatives.

MEMBERS

1. Dr. Neelam Duhan (Asstt. Prof, CE)	Nodal Officer
2. Dr. Anuradha (Asstt. Prof, CE)	Coordinator
3. Sh. Umesh (Asstt. Prof, CE)	Member
4. Ms. Manju (Asstt. Prof, Electronics)	Member
5. Dr. Rashmi Popli (Asstt. Prof, CE)	Departmental Coordinator
6. Dr. Preeti Sethi (Asstt. Prof, CE)	Departmental Coordinator
7. Sh. Bal Krishan (Asstt. Prof, Electronics)	Departmental Coordinator
8. Dr. Nikhil Dev (Asstt. Prof, ME)	Departmental Coordinator
9. Sh. Mukesh Gupta (Asstt. Prof, ME)	Departmental Coordinator
10. Sh. Atma Ram (Asstt. Prof, Elect.)	Departmental Coordinator
11. Sh. Satwinder Singh (Asstt. Prof, Elect.)	Departmental Coordinator
12. Dr. Renu Aggarwal (Asstt. Prof, MBA)	Departmental Coordinator
13. Ms. Jyotsna Chawla (Asstt. Prof, MBA)	Departmental Coordinator
14. Dr. Nisha Singh (Asstt. Prof, Maths)	Departmental Coordinator
15. Ms. Bindu Mangla (Asstt. Prof, HAS)	Departmental Coordinator
16. Mr. Ompal Singh (Asstt. Prof, Physics)	Departmental Coordinator
17. Dr. taruna Narula (Asstt. Prof, HAS)	Departmental Coordinator
18. Sh. Ankit Pannu (System Analyst)	Member
19. Sh. Jitender Singh Yadav (PRO)	Member

BROAD OBJECTIVES

- ▶ To implement Nine Pillars of Digital India
- ▶ To enhance Digital Learning by Govt. Platforms.

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- ▶ To implement Digital lockers for students/staff and facilities provided
- ▶ To familiarize students/staff about Digital Payment systems and Tele Medicine Consulting services
- ▶ To conduct Digital Literacy Programs
- ▶ To get acquaint our staff Programs under ministry of Social & Justice
- ▶ To consult services provided by Common service centre- delivery arm
- ▶ Skills initiatives and employment opportunities
- ▶ To get implement various schemes/facilities provided by UGC/AICTE/other Govt. bodies in the University.



ACTIVITIES & ACHIEVEMENTS

1. Our University has established a National Local Chapter on SWAYAM/NPTEL platform in Jan 2018 though which monitoring of MOOC enrolment/registration in the university can be analysed.
2. Our University bagged top 10 rank amongst 3000 local chapters on NPTEL in 2018 & 2019.
3. University is also doing bulk payment of registration fee to the enrolled UG/PG students (B.Tech/M.Tech) through this Local chapter via TEQIP-III funds.
4. As per AICTE mandate, many faculty members of the University enrol on NPTEL/SWAYAM for enhanced learning/ certification.

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5. Our University has signed MoU with CDSL Venture Ltd to join the National Academic Depository (NAD) to store all the academic awards/certificates digitally. Academic awards of 2016, 2017 and 2018 passed out students have been uploaded on NAD.
6. Workshops & Programmes on Digital Awareness, Digital Lockers, Digital Payments, Telemedicine services, Women Digital literacy and TRAI initiatives have been organized for students/staff.

Date	Name of Activity	Number of Participants
09.10.2018	Workshop on Online Safety & Digital Literacy sponsored by NCW	250 Girl Students
11.01.2019	Telecom Consumer Outreach Programme sponsored & conducted by TRAI (Telecom regulatory authority of India)	300 students/staff
29.07.2019	Workshop on "MOOCs & Digital Learning" for UTDs & Affiliated Colleges	50
22.07.2019	Awareness of MOOCs & Credit Transfer Policy to Newly admitted BBA/BSc/BCA/MSc students in Induction Program	200

WOMEN WELFARE CELL

This cell functions for the effective enforcement of the basic human rights of gender equality & guarantee against sexual harassment & abuse.

CONSTITUTION

- Dr. Anju Gupta, Associate Professor – Chairperson
- Dr. Rashmi Aggarwal, Assistant Professor – Member
- Mr. Bharat Bhushan, Assistant Professor – Member
- Mr. Mukesh Garg, Senior Instructor – Member
- Ms. Renu Dagar, Assistant Law Officer – Member
- Mr. Rajiv Sharma, Junior Steno – Member
- Mr. Manmohan Kakker, HOS – Member
- Dr. Rajeev Kr. Singh, Deputy Registrar (Estb) – Member
- Ms. Poulami Jana, Instructor – Member
- Prof. Richa Tanwar, Professor, Kurukshetra University, Kurukshetra – Outside Member
- Prof. Bulbul Dher, Associate Professor, Jamia Milia Islamia – Outside Member
- Ms. Preeti Mishra, Student Member
- Mr. Keshav aggarwal – Student Member
- Dr. Vijaywanti – Outside Member

The broad objectives of the cell are as follows:

- This cell functions for the effective enforcement of the basic human rights of gender equality & guarantee against sexual harassment & abuse, more particularly against sexual harassment at work place.
- A committee named ICC (Internal Complaint Committee) has been constituted for the above said purpose.



MEETINGS HELD DURING THE YEAR

S. No.	Date of Meeting	Agenda of Meeting
01	16.03.2018	Cultural Program on Women Empowerment
02	16.07.2018	Discussion about yearly activities
03	03.10.2018	Regarding program on Online safety and digital literacy
04	05.10.2018	Discussion about the program on Online safety and digital literacy
05	12.10.2018	Discussion about program on Gender equality
06	18.10.2018	Program on Gender equality and diversity
07	21.08.2018	Change of student members of ICC
08	10.01.2019	Workshop on Disha cancer workshop
09	18.01.2019	Project disha
10	22.02.2019	Discuss about the case of Mr.V.K.Sharma
11	25.03.2019	Regarding seminar on Cervical Cancer
11	15.04.2019	Discussion about the annual budget

EVENTS/ACTIVITIES/ACHIEVEMENTS DURING THE YEAR

S. No.	Date	Name of Activity	Number of Participants
01.	20/09/2018	Awareness and installation of Durga Shakti Program/App In collaboration with DSW	250 girls students
02	10/9/2018	Expert lecture on “Online Safety and Digital Literacy in collaboration with NCW”	200 girls student
03	25/10/2018	Workshop on “Gender Equality and Diversity”	250
04	24/01/2019 25/01/2019	-Workshop on “Disha-Career Guidance and Placement/Self Employment”	150
05	14/03/2019	Women day celebration in collaboration with department of management studies	200
06	29/03/2019	Workshop on Cervical Cancer Awareness	200



DETAILS OF COMPLAINT ABOUT WOMEN HARASSMENT

Number of Complaints of Sexual Harassment received in the year	NIL
Number of Complaints disposed off during the year	NIL
Number of pending cases	NIL

GRIEVANCE REDRESSAL CELL

The Cell considers all kinds of grievances of the staff members and works out a solution for those.

CONSTITUTION

Prof. Raj Kumar, Dean & Chairman (HAS) – Chairman
Dr. Ashutosh Dixit, Associate Professor (CE) – Member
Dr. Sonia, Assistant Professor (HAS) – Member

The Grievance Redressal Cell (GRC) has been constituted in the University for considering grievances of staff members and working out the solutions accordingly. The complaint received by GRC is processed within 15 days.

LEGAL CELL

The legal cell in the University was established to centralize all the disputes related to the University and ensure timely action

CONSTITUTION

- Mrs. Renu Dagar, Assistant Law Officer

The broad objectives of the cell are as follows:

- To act upon the notices received from various courts.
- To collect the copies of complaints, petitions, from concerned courts.
- To obtain necessary details in the form of parawise comments with relevant documents from the concerned department of the University.
- To obtain the approval of Vice-Chancellor for engagement of Advocate from University Panel for pleading the case before concerned courts.
- To prepare written statements, counter affidavits on the complaints and petitioners with the help of University Advocate and ensure its timely submission; before the courts.
- To prepare and file the petitions, Appeal before Appellate Courts on behalf of the University with the help of Advocate against of orders of the lower court.
- To ensure proper and effective plea of all the case pending before various courts viz. District Courts, Labour courts, Consumer Courts, Public Service Tribunals, High Courts and Supreme Court, etc.
- To help in preparation of replies of Legal Notices received by the University.

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- To examine and vet the administrative orders, drafts of contracts, Memorandum of Understanding, Agreements for execution.
- To provide legal assistance to the Competent Authority as and when required and to assist University administration for maintaining discipline, law and order.

STATUS OF CASES RELATED TO UNIVERSITY IN VARIOUS COURTS

Number of cases filed in the year 2018-19:	07
Number of cases decided during the year 2018-19:	02

RTI CELL

The Cell act as a nodal point to supply information on the request of applicants received under RTI Act, 2005 and to make coordination amongst other Public Information Officers and supply information to State Information Commission, Haryana, Chandigarh.

First appellate authority: Dr. C. K. Nagpal, Professor, Computer Engineering Department.

Assistant Public Information Officer: Mrs. Renu Dagar, Assistant Law Officer

Nodal Officer: Mr. Jitender Singh Yadav

List of Public Information Officers:

S. No.	Subject Matter	Department/ Section	Public Information Officer	Name of the Public Information Officer
1.	Information relating to University Teaching Departments	University Teaching Departments: Computer Engineering (CE)/ Computer Application (CA)/Electrical Engineering (EE)/ Electronics Engineering (EL)/Mechanical Engineering (ME)/ Civil Engineering (Civil)/ Humanities (Hum)/Management Studies (MBA)/Physics (PHY)/Chemistry (CH)/ Environmental Sciences (EVS)/ Mathematics (Math)	PIO-cum-Chairperson of the concerned department	CE: Dr. Komal Kumar Bhatia (Chairperson) Ph: 129-2310178 CA & Hum: Dr. Atul Mishra (Chairperson) Ph: 129-2310179 EL: Dr. Poonam Singhal (Chairperson) Ph: 129-2310129 EE: Dr. Neelam Turk (Chairperson) Ph: 129-2310179 ME: Dr. Tilak Raj (Chairperson) Ph: 129-2310155 MBA: Dr. Ashutosh Nigam (Chairperson) Ph: 129-2310129 Civil: Dr. M.L. Aggarwal (Chairperson) Ph: 129-2310113 PHY: Dr. Anuradha Sharma (Chairperson) Ph: 129-2310115

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				CH/EVS: Dr. Ashutosh Dixit (Chairperson) Ph: 129-2310130 Math: Dr. Neetu Gupta (Chairperson) Ph: 129-2310117
2.	Information relating to Examination branches	Examination Section	PIO-cum-Controller of Examination/ Assistant Registrar Examination branch	Dr. Rajeev Kumar Singh (COE)/ Sh. Sachin Gupta (AR) Ph: 129-2310112
3.	Information relating to Establishment matters (Teaching and Non-Teaching)	Establishment Section	PIO-cum-Deputy Registrar/Assistant Registrar (Establishment)	Dr. Meha Sharma (DR-E) Ph: 129-2310158
4.	Information relating to Accounts matters	Accounts Section	PIO-cum-Controller of Finance/Chief Account Officer	Dr. Munish Vashishth (COF)/Sh. S.C. Kaushik (CAO) Ph: 129-23101176
5.	Information relating to Construction/ Maintenance matters	Maintenance/ Construction Section	PIO-cum-XEN/SDE	Sh. Ajay Taneja (XEN)/Sh. A. K. Sharma (SDE) Ph: 129-2310183-85
6.	Information relating to Registration/ general Academic matters	Academic Section	PIO-cum- Deputy Registrar/ Assistant Registrar Academic section	Sh. Harish Kumar (DR-A) / Ms. Jyoti Mor (AR) Ph: 129-2310160
7.	Information relating to Student Welfare Activities	Office of Dean Student Welfare (Sports/Cultural/Technical/NSS)	PIO-cum-DSW/DYW	Dr. Naresh Chauhan (DSW)/ Dr. Pradeep Dimri (DYW) Ph: 129-2310105
8.	Information relating to all hostel matters	Office of Chief Hostel Warden (Boys)	PIO-cum- Chief Hostel Warden (Boys)	Dr. Vikas Turk (CHW -Boys) Ph: 129-2310174
9.	Information relating to all hostel matters	Office of Chief Hostel Warden (Girls)	PIO-cum- Chief Hostel Warden (Girls)	Dr. Sandhya Dixit (CHW - Girls) Ph: 129-2310192
10.	Information relating to general discipline	Office of proctor	PIO-cum-Proctor	Dr. Munish Vashishtha (Proctor) Ph: 129-2310176

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	related matters			
11.	Information relating to Store and Purchase related matters	Office of Head S&P	PIO-cum- Deputy Registrar/ Assistant registrar (S&P)	Sh. Munish Gupta (DR-P)/ Sh. Vishal Kumar (AR) Ph: 129-2310164
12	Information relating to Workshop	Office of Workshop Superintendent	PIO-cum- Workshop Superintendent	Sh. Vivek Sharma (WS) Ph: 129-2310121
13.	Information relating to Affiliation Branch	Affiliation Branch	PIO-cum-Dy. Dean/Coordinator	Dr. Ashutosh Dixit (Dy. Dean)/Dr. Preeti Sethi (Coordinator) Ph: 129-2310181
14.	Information relating to Training and Placement office	Training and Placement Office	PIO-cum-TPO	Dr. Lakhwinder Singh (TPO) Ph: 129-2310119
15.	Information relating to Community College	Principal, Community College	PIO-cum-Principal, Community College	Dr. Sanjeev Goyal (Principal, CC) Ph: 129-2310175
16.	All other Offices/Sections/Cells/New Departments, if any	Concerned Head of Office /Section/ Cell/ Department	PIO-cum-Concerned Office Head	Concerned Office /Section/ Cell/ Department Ph: 0129-2310125

DETAILS OF RTIs / FIRST APPELLATE / SECOND APPELLATE AS ON 30-06-2019

- RTI applications received during June 2018 to July 2019 and disposed off: 105
- RTI application received by First Appellate Authority and disposed off: 13
- RTI applications received by Second Appellate Authority and disposed off: 01

SC/ST WELFARE CELL

To improve the academic skills & linguistic proficiency of students belonging to SC/ST Category in various courses.

CONSTITUTION

- Dr. Raj Kumar, Dean & Chairperson (HAS) – Chairman
- Dr. Vasdev Malhotra, Associate Professor – Incharge
- Dr. Renuka, Assistant Professor – Member
- Mr. Bal Krishan Assistant Professor – Member
- Mr. Harish Kumar, Assistant Professor – Member
- Mrs. Anushree Chauhan, Assistant Professor – Member



The broad objectives of the cell are as follows:

- To improve the academic skills & linguistic proficiency of students in various subjects.
- To raise their level of Comprehension of basic subjects to provide a stronger foundation for further academic work.
- To strengthen their knowledge, skills & attitudes in such subjects where quantitative & qualitative techniques and laboratory activities are involve, so that the necessary guidance and training provided under the programme may enable the students to come p to the level necessary for pursuing higher studies efficiently to reduce their failure and dropout rate.
- To provide career guidance and psychological counselling for capacity building to those who are in need of such counselling

EQUAL OPPORTUNITY CELL

The purpose of cell is to take measure against the discrimination

CONSTITUTION

- Dr. Rajkumar, Professor – Anti-Discrimination Officer
- Dr. Parul Tomar, Assistant Professor – Member
- Sh. Sunil Jadav, Assistant Professor – Member
- Sh. Bhupender Singh, Assistant Professor – Member
- Sh. Ashish Pal, HOS – Member

The broad objectives of the cell are as follows:

- To take measure against the discrimination.
- To take appropriate measure to safeguard the interest of students without any prejudice to their caste, creed, religion, language, ethnicity, gender and disability.
- Eliminate the discrimination or harassment
- Promote the equality among the students
- To ensure no discrimination against the students of scheduled caste and scheduled tribes

ALUMINI AND CORPORATE AFFAIR CELL

INTRODUCTION

The university has a unique feature of having served the society for the past more than 48 years and passouts of the university are spread out throughout the globe. The university is proud of its alumni who have excelled in every walk of life, be it public life, civil services, armed forces, judiciary, private and public sectors. There are countless success stories of our University Alumni. Every year, a number of alumni help students with their careers and are still partners of the University in Education and Research. The University is grateful towards them.

With the vision of Hon'ble Vice Chancellor, new cell as "Alumni & Corporate Affairs Cell" has been formed to better manage the vast alumni base since 1969. To make it more effective an online Alumni Portalis on the anvil with a total expenditure of around Rs. 3 lacs. With this Alumni Portal, University will be benefitted with association of more than 15K Alumni settled in national and international

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locations. Through this portal Alumni can give webinars, post their jobs, interact with current students and fund students project.

CONSTITUTION

- Dr. Sanjeev Goyal , Director
- Dr. Anuradha
- Dr. Vasdev Malhotra
- Mrs. Anubha Gautam
- Mrs. Gunjan Sardana
- Mrs. Jyotsna
- Dr. Maneesha Garg
- Dr. Taruna Narula
- Mrs. Nisha
-

The broad objectives of the cell are as follows:

- 1) To manage the vast Alumni database since 1969
- 2) To facilitate Guest Lectures/Webinars/Seminars of Alumni
- 3) To help with funding requirements for students projects through Alumni
- 4) To hold Alumni meet from time to time for better coordination
- 5) SPOC for Alumni to University
- 6) To help with financial requirements for needy students from Alumni

EVENTS/ACTIVITIES/ACHIEVEMENTS DURING THE YEAR

Sr. No	Dates	Details
1	July 2018	Purchased alumni portal to connect alumni of University
2	23.10.2018	Cloud literacy day
3	12.10.2018	Expert lecture on Metro as Sustainable Urban Transport
4	22.10.2018	Expert Lecture on Success Mantra
5	26.10.2018	Seminar on the topic “AwakInn – The future starts today”
6	12.11.2018	Silver Jubilee reunion for 1993 batch
7	26.01.2019	Alumni Meet for post graduate students
8	12.04.2019	Ideathon
9	19.04.2019	MOB – YMCA Alumni Association : “An interaction with the final year students”
10	21.06.2019	Celebration of 5th International Day of Yoga



EXPENDITURE BY MOB

S.NO	ITEM	AMOUNT
1	YMCA MOB Golden Jubilee Gate	Rs. 76 Lakhs
2	General Body Meeting & MOB Business Summit	Rs. 38 Lakhs
3	YMCA Merit Cum-Means Scholarships	Rs. 3.5 Lakhs
4	Sponsorship for BAJA SAE Vehicle	Rs 1.30 lakh
5	Sponsorship Support For CULMYCA	Rs. 2 Lakhs
6	Chapter Meetings	Rs. 6 Lakhs
7	Technical Conference/ Support	Rs. 1.5 Lakhs
8	Medical Aid/ Support for family of Cancer Patient/ student	Rs. 8.5 Lakhs
9	YMCA MOB Almashine APP	Rs. 1.6 Lakh

INDUSTRIAL RELATIONS CELL

A strong Academia-Industry Interaction is the major focus of the department as well as the University. We believe that higher education is not only synonym with the world class facility, faculty and students but also with the involvement of industry in academia. Whatever we do and facilitate our students with, it remains incomplete without the involvement of the industry where this knowledge is actually gets implemented.

Since, the University aspires to be a nationally and internationally acclaimed leader in technical and higher education in all spheres which transforms the life of students through integration of teaching, research and character building. Seeking the support of industry in doing so, the University has created an Industrial Relations cell which work towards opening the various avenues where we can collaborate with the industry.

CONSTITUTION

- Dr.RashmiPopli, Director
- Dr. SanjeevGoyal, Coordinator
- Dr. Rashmi Aggarwal, Coordinator
- Dr. Jyotsna, Coordinator

The broad objectives of the cell are as follows:

- To create an 'Industry Lecture Series' by setting up a pool of distinguished guest lectures from industry experts.
- To set up relevant Centers of Excellence (CoE) in University with industry players/corporate.
- Organize 'Short-term Training' opportunities (4-8 weeks) for students.
- Attract 'Industry Projects' to the university for execution by students/departments
- To arrange for Industry sponsored conferences.
- The University also believes that the development of teachers has a direct impact on the development of the students. In order to keep them updated with the latest tools/techniques in the industry, the University is also looking forward to the collaboration with the industry in the following areas:

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- Make latest tools/technologies available from leading companies to provide practical exposure for faculty.
- Help setup Faculty Development Programs, Workshop & Seminar delivered by Industry Personnel. They could range from one day to 15 days.
- Enable faculty to modify the curriculum that suits evolving industry needs and promote industry participation in curriculum planning & development.
- Facilitate research and development projects.

As a University, we continually thrive for knowledge and seek a close partnership with the industry to create a better society that is both ethically as well as technically strong.

EVENTS/ACTIVITIES/ACHIEVEMENTS DURING THE YEAR

Sr. No	Dates	Details
1	29 th August 2018	Faculty Development Program (FDP) on 'Data Science and Big Data Analytics'
2	12 th October 2018	Expert lecture by Mr. Mangu Singh, MD, Delhi Metro Rail Corporation (DMRC),
3	22 nd October 2018	Inspirational lecture by Lieutenant General (Retd.) Vishwambhar Singh
4	23 rd October 2018	Cloud Literacy Programme
5	15 th November 2018	Expert lecture by Mr. Rajeev Kumar Chauhan, Director (Projects), Power Grid Corporation of India
6	26 th January 2019	PG Alumni meet
7	30 th January 2019	Expert lecture by Mr. Anil Kumar Sravat, CEO, WABAG Ltd., Bangkok, Thailand
8	7 th February 2019	Expert lecture by Mr. ParamjeetKhoral, Senior Plant Engineer at Ontario Power Generation on 'Turbine Runner Upgrade Program Ontario Experience
9	28 th February 2019	Expert lecture on Industrial Automation
10	23 rd March 2019	Expert lecture by Mr. Sanjay Kumar, Director General of Police, Chandigarh
11	23 rd April 2019	Ideathon
12	19 th April 2019	Alumni-students Interaction

**MOU SIGNED DURING THE YEAR**

Sr. No	Dates	Details
1	21 st September 2018	Memorandum of Understanding (MoU) with the Information and Communication Technology Academy of Tamil Nadu (ICTACT)
2	18 th October 2018	Academic Alliance with Acezd Consultancy Services Pvt. Ltd.
3	4 th December 2018	Memorandum of Understanding (MoU) with the Amber Enterprises India Ltd
4	13 th March 2019	Memorandum of Understanding (MoU) with the NASSCOM for assessment of vocational courses.

CAREER AND COUNSELING CELL

The Counselling and Counselling Cell was established in the University on 5th May 2015. The aim of the cell is to provide comprehensive guidance programs and services that will equip students with necessary knowledge, attitude and skills to become mature and socially responsible individuals.

CONSTITUTION

- Dr. Arvind Kumar, Professor – Chairperson
- Mr. Bharat Bhushan, Assistant Professor – Member
- Ms. Ashlesha Gupta, Assistant Professor – Member
- Dr. Manvi Siwach, Assistant Professor – Member
- Ms. Neha Goel, Assistant Professor – Member
- Mr. Atma Ram, Assistant Professor – Member

Broad objective of the cell are as follows:

- To help students to chalk out academic and career roadmaps for themselves.
- To create awareness among the students about emerging professional trends and entrepreneurship and market needs etc.
- To provide guidance to the students on various options available for higher studies available in India and abroad.
- To help the students in the development of their strengths, sharpening their interests and planning for a satisfying future.
- To provide guidance for personality development, positive attitude and inter-personal skills.
- To promote Value System and National Integration among students.

The cell would facilitate following activities in broad ways:

- Organising expert lectures in different subjects for the students.
- Organise seminars for career building of the students in different areas.
- Organize counselling sessions for students.
- Organise career fair for the students.
-



EVENTS/ACTIVITIES/ACHIEVEMENTS DURING THE YEAR

Sr. No.	Date	Name of Activity
01.	02-08-2018	Lecture on Personality Development and Decision Making by Dr. Reena Jain Clinical Psychologist from Shingai Mental Health Association
02.	11-09-2018	Seminar on Career Option and Abroad by TIMES Education Group
03.	27-09-2018	Workshop on Entrepreneurship by Mr. Beni Kinha of NECTOR FACTOR
04.	08-10-2018	Workshop on Water Conservation by Sundar Gopal Das Prabhu
05.	09-02-2019	Workshop on Preparation for IAS by Amol Srivastav.
06.	18-02-2019	Sci-Ved Workshop by Pr. Huber Robinson
07.	22-02-2019	Career planning and approach towards success by IAS Vinay Kumar
08.	26-02-2019	Career fair
09.	28-03-2019	Campus Recruitment Training by IMS
10.	04-03-2019	Workshop on Data Structures and Algorithms by Manisha Khattar of Coding Ninjas

INNOVATION COUNCIL (IIC)

As Approved by the Competent authority and as per the norms and directions received from Innovation Cell, Ministry of HRD, Govt. of India, regarding reconstitution of new version Institutions Innovation Council (IIC) i.e IIC 2.0 Institutions Innovation Council in Constituted as Follows:

President	Prof. Lakhwinder Singh		
Vice-President	Dr. Sanjeev Goel		
Convener	Dr. Sapna Gambhir		
EXTERNAL MEMBERS			
Name	Designation	Role / Responsibility	
Mr. Sumit Jain	Phocket Infotech Pvt. Ltd., New Delhi	Expert from nearby Industry/ Industry association/ Ecosystem Enablers	
Mr. Naveen Sood	Director, Vegee Industrial Enterprises Pvt. Ltd.	Start-up / Alumni entrepreneur	
Mr. Anil Bareja	Managing Director, Bareja Solar & Projects Pvt. Ltd., New Delhi	Start-up / Alumni entrepreneur	
Mr. Manish Pradhan	Swichan Trademart Pvt. Ltd.	Start-up / Alumni entrepreneur	
Dr. Keerti Gupta	Patent Agent, Lakshay Groups, Noida	I P Expert	
Mr. Vivek Mahajan	Executive Director, New product development	Expert from nearby Industry/ Industry association/ Ecosystem Enablers	
Suneel wattal	Department of IT, Electronics and Communication, Govt. Of Haryana		
INTERNAL MEMBERS			
	Faculty Coordinator	Team Member	Responsibility
(a) IOT incubation Activity	Dr. Parul Tomar	Dr. Shailender Gupta	<ul style="list-style-type: none"> All team members are responsible for all activities related to point 4. To plan and
(b) Innovation/incubation Activity Coordinator-General	Dr. Rashmi Popli	Dr. Sakshi Bangia	
(c) IIC Activity Coordinator	Ms. Rashmi Chawla	Dr. Sheilza Jain Ms. Rashmi Chawla	

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			conduct related activity (at least one in one quarter)
Start-up Activity Coordinator	Dr. Rashmi Popli	Dr. Deepika Ms. Jyotsana Chawla	<ul style="list-style-type: none"> All team members are responsible for all activities related to point 5. To plan and conduct related activity (at least one in one quarter)
Internship Coordinator	Dr. Nikhil Dev	Dr. Parveen	<ul style="list-style-type: none"> All team members are responsible for all activities related to point 6. To plan and conduct related activity (at least one in one quarter)
IPR Activity Coordinator	Dr. Ashlesha Gupta	Dr. Manvi	<ul style="list-style-type: none"> All team members are responsible for all activities related to point 7. To plan and conduct related activity (at least one in one quarter)
Social Media Coordinator	Mr. Jitender Singh Yadav (PRO)	-	To upload information on University Facebook page and IIC Facebook Page given by faculty coordinators.
ARIIA Coordinator	Dr. Krishan Verma (ME)	Dr. Sonali	Coordinate at the time of apply for ARIIA
NIRF Coordinator	Dr. rachnana Aggarwal (MBA)	Dr. Shailender Gupta	Coordinate at the time of apply for NIRF

EVENTS/ACTIVITIES/ACHIEVEMENTS DURING THE YEAR

S.No	Event detail	Date of conduct	No. of student participated	No. faculty participated	Outside Guest Speaker Details	Description
1.	Leadership talk Series 1	8.1.2019	139	10	Sh. Anand Mahindra Chairman, Mahindra Group Webinar(Facebook Session)	The talk series is Live-telecasted on Facebook and through this telecast, it is shared among the students of Y.M.C.A University. Students are willing to attend the webinar and most of the students successfully grabbed the opportunity to



						learn a next step towards innovation. The webinar is attended by students of all the trades of B.Tech. Through this session, the students learned the leadership qualities and develop some motivating skills. Moreover, they can learn to proceed in the further development of innovative ideas.
2.	IPR workshop for students and Faculty	10.1.2019	97	7	Ms. Swetasree Majumder Principal Fidus Law Chamber Webinar(Facebook Session)	Most part of this talk series is made to focus on the practical life examples of innovation, globalisation and development of a country. With these points in mind, most of the students are willing to attend this as they wanted to know more about the growth of Technology these days. Moreover, to aware more and more people about the IPR such that the chances of obtaining well-protected innovation (Patents) for the organizations are increased.
3	IPR workshop for students and Faculty	20.1.2019	172	9	Dr. Irfana Begum Project Manager Vigyan Prasar Department of Science & Technology.	A Workshop on Intellectual Property Rights (IPR) and Intellectual Property Litigation for M.Sc. and M.Tech. students and faculty members of J.C. Bose University of Science and Technology YMCA Faridabad on 21st January, 2019. She introduces what is the meaning of intellectual property, its types and a brief on each of them



4	Leadership talk Series 2	24.1.2019	75	7	Dr. Anand Despande Founder, chaitman & Managing Director, Webinar(Facebook Session)	The students learned the role of planning in life and which career to opt for according to their interests. Moreover, they can learn to proceed in the further development of innovative ideas.
5	Leadership talk Series 3	26/03/2019	85	6	Webinar (Facebook Session)	<p>The Art of Decision Making talk event was very helpful and thoughtful. The words of Mr. Ajit Doval were very informative and beneficial for everyone at least once in his life.</p> <p>The session was conducted live by MHRD Department at YMCA University. It gave me a lot of information and inspiration to think for a strategy in life and making the best decisions and implementing them too in a correct way. Now, I can give my imaginative ideas, a real path.</p> <p>It also gives the clarity of thinking about the correct way to implement an idea. Planning for any solution must involve every possible positive and negative situation. Overall, this session was very motivating.</p>



BEST PRACTICES



ACADEMIC AUDIT

To pursue the goals set by the quality policy and to keep its academic system up to date in order to meet the emerging market demands, all the departments of the University have been directed to conduct academic audit on the date mentioned in the academic calendar at the end of each semester. The aim of academic audit is to facilitate the process of implementation & compliance to broad parameters and maintenance of certain minimum standards. The academic audit deals with the academic work performance of a faculty with reference to teaching learning process, assessment methodology and conformance to evaluation procedure for a course. A standard Performa for academic audit has been developed that covers a number of queries related to teaching learning issues and is required to be filled up by individual faculty members. Departments, on the basis of information gathered, then send a Consolidated Report of the same to Internal Quality Assurance Cell, for further review. Every faculty member maintains course files for the theory as well as laboratory subjects. Faculty are required to present themselves before Audit Team along with Teacher's diary including following for audit:

1. Attendance record
2. Internal marks statement
3. Copies of test question papers
4. Samples of answer sheets
5. Class assignments/test/quiz
6. Samples of PPT slides and other teaching materials
7. List of experiments conducted in laboratories

SCOPE OF ACADEMIC AUDIT

- Curriculum and scheme of evaluation adopted for each course
- Course delivering planning
- How is continuous evaluation followed?
- Pace of course coverage
- Pedagogy followed and innovation brought
- Regularity of students in attending classes
- Regularity of faculty in delivering classes

ACADEMIC AUDIT

The report of academic audit by the concerned chairpersons is submitted to Director, IQAC in the prescribed format in First week of November and May.

360° FEEDBACK PORTAL

360° feedback is being initiated in the University to make it more effective, productive and satisfied in terms of its objectives. Classroom feedback is taken from the students for all the subjects during each semester. Provision of online feedback from all the stake-holders like students, parents, Alumni and Industry/Employers helps us to understand the range of perceptions they have of the University and how the activities being carried out here affect them. This feedback gives a set of rich information wherein the University feels proud of its strengths, plans further development and achieves higher performance more easily.

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Following activities are carried out to achieve 360 degree feedback through IQAC.

STUDENT DRIVEN FACULTY FEEDBACK

In order to instil transparency, integrate positive approach and incorporating scope of continuous improvement, the University induced a well-conceived methodology to get students' feedback on the performance of the faculty.

EXIT SURVEY FROM STUDENTS

Conducted annually for the final semester Students by all the Departments of the University

ALUMNI FEEDBACK

Conducted annually by all the Departments of the University to connect with the alumni of University.

PARENTS' FEEDBACK

Conducted annually by all departments of the University to approach the parents of the students of YMCA University.

INDUSTRY EXPERTS' FEEDBACK

Conducted annually by all the Departments of the University to interact with the Campus Recruiter

PEER GROUP FEEDBACK

Conducted annually by all the Departments of the University to be in touch with the other peer groups

INDUSTRIAL TRAINING

The University has unique curriculum and have 6 month industrial training in final semester of respective programmes and students are sent to the industries for 6 month to have on job training in some companies. This also helps in the placement of students in the same company after completion of degree. Most of them undertake one or more industrial projects during training. The Training & Placement Cell provides employment opportunities and world class training to the students in the leading organizations. The purpose of this practice is to foster a close rapport between the students and the industries/corporate world.

To cater to the needs of students for enhancing their career options, comprehensive training programmes are arranged by the University. It has contributed immensely in the field of technical education and plays an important role in creating highly skilled technical manpower which is employable in an equally competitive market.

- Six months industrial training of the students accustom the students to industrial working conditions thereby making them preferential candidates for recruitment. Since its inception as an institute, in the year 1969, the University has been known for its excellent placement record.
- Continuous assessment of the students is done by the teachers by visiting the industry twice during the training period.
- A number of students get stipend from the industries during their training period.



STUDENT GRIEVANCE PORTAL

The University has robust mechanism in place to address the grievances of the students at department level as well as University level. The University has started grievance portal on the University website for the students/alumni for their grievances/feedbacks regarding any issue related to the University. The portal is being used by students, guardians and staff members to bring or resolve their grievances before University authorities. The URL of the Grievance Portal is:

<https://jcboseust.ac.in/content/grievance-form-submission>.

INDUSTRY LINKED LABS

- Edubotix Innovations Pvt. Ltd. has signed an MoU with the University to set up a Robotics Laboratory in Department of Computer Engineering. This lab started its operations from March 2014 onwards and is still under operation. It is equipped with educational robots and kits which are provided to the students for hands on experience. The major areas of studies are Mechatronics, Communication Engineering, Embedded System Design, Robotic Vision, Control Systems, Digital Electronics and PCB Designing & Automation System etc. 50% fee waiver is provided to students for pursuing any course under robotics lab. Edubotix Innovations Pvt. Ltd pays Rs. 1,80,000 per annum to the University for running its courses in the Department.
- Venture 7 Technology Pvt. Ltd. has signed an MoU with the University to provide a Continuous learning internship Programme to students. The officials of Venture7 conduct various activities in the department at no cost for students and staff for no-profit-no-loss basis. Activities include Seminars, Practical trainings, competitions and Technical courses
- Danfoss Industries Pvt. Ltd, an MNC working in RAC research field has established a centre of excellence for research on “Climate and Energy” on 02.11.2015 with an investment of Rs.10.0 Lacs.
- The University has signed an Memorandum of Understanding (MoU) with Daikin Air-conditioning India Pvt. Ltd (DAIPL) and set up Centre for Excellence on HVAC.



TEACHING DEPARTMENTS OF THE UNIVERSITY

- **Department of Mechanical Engineering**
- **Department of Electronics Engineering**
- **Department of Electrical Engineering**
- **Department of Computer Engineering**
- **Department of Computer Applications**
- **Department of Civil Engineering**
- **Department of Chemistry**
- **Department of Physics**
- **Department of Mathematics**
- **Department of Environmental Sciences**
- **Department of Humanities: JMC**
- **Department of Management Studies**



**DEPARTMENT OF
MECHANICAL ENGINEERING**



DEPARTMENT OF MECHANICAL ENGINEERING

The department of Mechanical Engineering has a distinguished record in both teaching and research. It has modern facilities and a dedicated technical and office staff to support the academic programs and research.

DEPARTMENT PROFILE

UG Course:	B. Tech. (Mechanical Engineering)
PG Course:	M. Tech. (Manufacturing & Automation Technology)
Ph.D. :	Mechanical Engineering
Target Students:	Intermediate for B.Tech& Engineering Graduates for M.Tech/PhD
Total Number of Faculty:	29 (09 Professor + 04 Associate Prof. +15 Assistant Prof.)
Number of Ph.D.'s:	24
Average Experience of faculty:	20 Years
Chairperson:	Dr.Tilak raj

DEPARTMENTAL FACILITIES

The department is well equipped with the following facilities:

Sr. No.	Facility	Count/Details
1	Labs	14
2	Workshops	03
3	Lecture Halls	08
4	Conference Room	01
5	Seminar Halls/Projector Rooms/Research Lab	01 Each
6	Internet Connection	Wi-Fi Network
7	Any Other Facility	02 (Centre of Excellence)

The Department also sponsors its faculty for Short Term Courses and Conferences on regular basis. Dr Mukesh Gupta, faculty in the department has successfully completed his Ph.D. degree during this academic year.



FACULTY PROFILE

Sr. No.	Name	Designation	Highest Qualification with year	Area of Specialization	Total Experience (years)
1	Dr. Sandeep Grover	Professor	Ph.D, 2005	TQM, Quality Mgmt	29
2	Dr. M. L. Aggarwal	Professor	Ph. D, 2007	Design, Materials and Manufacturing	30
3	Dr. Tilak Raj	Professor	Ph.D, 2009	FMS, Manufacturing, Cutting Tool Design	28
4	Dr. Raj Kumar	Professor	Ph.D,2010	Energy, Thermal, Ref. & A/c	24
5	Dr. Vikram Singh	Professor	Ph.D, 2010	Service Quality Management, Design	16
6	Dr. Arvind Gupta	Professor	Ph.D,2012	Energy Management, CFD Modelling	26
7	Dr. Hari Om	Professor	Ph.D, 2014	Welding Technology	18
8	Dr.Vikas Turk	Professor	Ph.D, 2007	JIT, TQM	18
9	Dr. Lakhwinder Singh	Professor	Ph.D, 2012	Material Technology, Fluid Mechanics	18
10	Dr.N.L.Mangla	Associate Prof.	Ph.D	Thermal, Fluid Mechanics, Aerodynamics	24
11	Dr.Sanjeev Kumar	Associate Prof.	Ph.D, 2011	Industrial Engineering	19
12	Dr.Vasdev Malhotra	Associate Prof.	Ph.D, 2012	Manufacturing, Advanced Manufacturing Systems, HRM, Quality	18
13	Sh. Naresh Yadav	Asstt. Prof.	M.E., 1998	CAD/CAM, FEA, Gas Turbine Systems	18
14	Dr. Mukesh Gupta	Asst. Prof.	Ph.D, 2017	CAD/CAM, Nano Materials, Power plant design	13
15	Ms.Sandhya Dixit	Asst. Prof.	M.Tech,2008	FMS, Manufacturing Technology	17



S. No.	Name	Designation	Highest Qualification with year	Area of Specialization	Total Experience (years)
16	Dr.Sanjeev Goyal	Asst. Prof.	Post Doc, 2017 Ph.D,2012	Data Science, Unconventional Manufacturing Processes, Robotics, Reliability Analysis	12
17	Dr. Rajeev Kumar Saha	Asst. Prof.	Ph.D, 2012	Operations Management, Quality Management, Web Design and Development	21
18	Dr.Bhaskar Nagar	Asst. Prof.	Ph.D, 2013	CAD/CAM	11
19	Dr.Nikhil Dev	Asst. Prof.	Ph.D,2015	Thermal	13
20	Dr.Rajesh Kumar Attri	Asst. Prof.	Ph D, 2016	Operations Management, Quality Management, Manufacturing	9
21	Dr. Krishan Verma	Asst. Prof.	Ph. D, 2016	CAD/CAM, Design of Mechanical Systems, Finite Element Analysis	13
22	Dr. Mahesh Chand	Asst. Prof.	Ph D,2016	Supply Chain Mgmt., Operations Mgmt., Manufacturing Tech.	8
23	Dr. Om Prakash Mishra	Asst. Prof.	Ph D, 2016	JIT Supply chain and Material Handling	30
24	Sh. Surender Singh	Asst. Prof.	M.Tech,2008	SOM, CAD, Production	16
25	Dr. Bhupender Singh	Asst. Prof.	Ph D, 2017	TQM, Automobile, Manufacturing	9
26	Dr. Shefali Trivedi	Asst. Prof.	Ph D, 2017	Metal Forming, Mechanical Metallurgy, Powder Metallurgy	7
27	Sh. Sanjay Kumar	Asst. Prof.	M.Tech, 2008	Production, Industrial Engg., CIM	15
28	Sh. Nitin Panwar	Asst. Prof.	M.Tech.,2012	Thermal	4



DEPARTMENTAL PUBLICATIONS & FDP/STC

Sr. No.	Particulars	Count (2018-19)
1.	Publications in International Journals	
2.	Publications in National Journals	
3.	Publications in International Conference	
4.	Publications in National conferences	
5.	STC/FDP	

PAPER PUBLISHED IN NATIONAL/ INTERNATIONAL JOURNALS

S. No.	Name of Faculty	Title, Journal, Volume, Issue, Pages, Year
1.	Dr. Sandeep Grover	<p>1. Process capability analysis for frictionally welded dissimilar polymeric materials, Materials Today – Proceedings, October 2018</p> <p>2. Analysis of drivers for Green Manufacturing using ISM, Industrial Engineering Journal, June 2019</p> <p>3. Evaluation of critical success factors for green manufacturing using fuzzy TOPSIS, Industrial Engineering Journal, September 2019</p> <p>4. MICRO MOULD FABRICATION FOR PLASTIC COMPONENTS WITH FDM A REVIEW, International Journal of Engineering Sciences Paradigms and Researches, April 2019</p> <p>5. EFFECT OF MOULDING SAND LAYERS ON STATISTICALLY CONTROLLED INVESTMENT CASTING SOLUTION FOR PLAIN CARBON STEEL, International Journal of Engineering Sciences Paradigms and Researches, April 2019</p> <p>6. MULTI PERFORMANCE CHARACTERISTICS OPTIMIZATION FOR HYBRID-WEDM UTILIZING TAGUCHI AND UTILITY FUNCTION, International Journal of Engineering Sciences Paradigms and Researches, April 2019</p>
2.	Dr. Tilak Raj	<p>1. Neeraj,Kamal,Tilak Raj, Fabrication of NiTi Alloy: A Review, Proceedings of the Institution of Mechanical Engineers Part L: J Materials: Design and Applications, Volume 232, Issue 3, ISSN: 1464-4207 ,Online ISSN: 2041-3076, pp 250-269, March 2018.</p> <p>2. S. Dixit and Tilak Raj, Feasibility analysis of FMS in small and medium scale Indian industries with a hybrid approach using ISM and</p>



		<p>TOPSIS, International Journal of Advanced Operations Management, Volume 10, Issue 3, pp 252-280, 2018</p> <p>3. Suman Gothwal and Tilak Raj, Prioritising the performance measures of FMS using multi-criteria decision making approaches, International Journal of Process Management and Benchmarking, Volume 8, Issue 1, pp 59-78,2018</p> <p>4. Suman Gothwal and Tilak Raj, Conceptual design and development of pneumatically controlled flexible fixture and pallets, International Journal of Services and Operations Management, Volume 29, Issue 2, Print ISSN: 1744-2370 Online ISSN: 1744-2389, pp 147-162, 2018</p> <p>5. Vinit Jain and Tilak Raj, An adaptive neuro-fuzzy inference system for make span estimation of flexible manufacturing system assembly shop: a case study, International Journal of System Assurance Engineering and Management, Volume 9, Issue 6, Print ISSN 0975-6809 Online ISSN 0976-4348, pp 1302-1314, 2018.</p>
3.	Dr. M.L Aggarwal	<p>1. Comparative Analysis of Magneto Rheological Fluid Assisted Electrical Discharge Machining at Stationary and Rotating Conditions of Tool, Journal of Advanced Manufacturing Systems, September 2018</p> <p>2. Performance analysis of magnetorheological fluid-assisted electrical discharge machining, Materials and Manufacturing Processes, September 2018</p> <p>3. Computer aided FEA simulation of EN45A parabolic leaf springs, Int. J. of Industrial Engg. Computations, January 2019</p> <p>4. Experimental Investigations into Rotary Magnetic Field and Tool assisted Electric Discharge Machining using Magneto Rheological Fluid as Dielectric, Mechatronics and manufacturing system, Feb 2019</p>
4.	Dr. Lakhwinder Singh	<p>1. “Optimization of EDM Process parameters of stainless steel 430 using grey relational analysis with Taguchi method”, International Journal of Management, Technology and Engineering, Volume 8, Issue V, pp 422-437, 2018.</p>
5.	Dr. Sandhya Dixit	<p>1. Sandhya Dixit, Vimlesh Ojha, Review of different planning, design and operational issues of flexible manufacturing system, International Journal of Management, Technology And Engineering, Volume 8, Issue XI, pp. 359-368, ISSN 2249-7455, 2018</p> <p>2. Umesh Deswal, Sandhya Dixit, Sanjeev Goyal, “Identification of barriers to the successful implementation of VMI”, International Journal of Management, Technology And Engineering, Volume 8, Issue XI, pp. 359-368, ISSN 2249-7455, 2018</p>
6.	Dr. Sanjeev Kumar	<p>Ruchika Singh, Munish Vashishath, Sanjeev Kumar, Ant colony optimization technique for edge detection using fuzzy triangular membership function, International Journal of System Assurance</p>



		Engineering and Management, Vol. 10(1), , 2019, ISSN: 0976-4348, DOI 10.1007/s13198-019-00768-y pp 91-96, Feb 2019
7.	Dr. Rajeev Kumar Saha	<p>1. Ruchika Singh, Munish Vashishath, Sanjeev Kumar, Ant colony optimization technique for edge detection using fuzzy triangular membership function, International Journal of System Assurance Engineering and Management, Vol. 10(1), , 2019, ISSN: 0976-4348, DOI 10.1007/s13198-019-00768-y pp 91-96, Feb 2019</p> <p>2. Naveen Virmani, Rajeev Saha, Rajeshwar Sahai, Leagile manufacturing: a review paper, International Journal of Productivity and Quality Management, Vol.23, No.3, 1746-6482, 385-421, 2018</p> <p>3. Naveen Virmani, Rajeev Saha, Rajeshwar Sahai, Social Implications of Leagile Manufacturing system: TISM approach , International Journal of Productivity and Quality Management, Vol.23, No.3, 1746-6482, 423-445, , 2018</p> <p>4. Naveen Virmani, Rajeev Saha, Rajeshwar Sahai, Empirical assessment of critical success factors of leagile manufacturing using fuzzy DEMATEL approach, International Journal of Agile Systems and Management, Vol.11, No.4, 1741-9182, 293-314, 2018</p> <p>5. Kailash, Rajeev Kumar Saha, Sanjeev Goyal, Benchmarking framework for internal supply chain management: a case study for comparative analysis, International Journal of Manufacturing Technology and Management, Vol.32 No.4/5, 1741-5195, 412-429, 2018</p> <p>6. Kailash, Rajeev Kumar Saha, Sanjeev Goyal, Factors Analysis of ISCM Benchmarking Using DEMATEL Technique, Journal of Supply Chain Management Systems, Vol.8, No.1, 2277-1387, 1-14, 2019</p> <p>7. RITESH SHARMA, SANJEEV KUMAR and RAJEEV SAHA, A comprehensive survey on selective laser sintering: An additive manufacturing technique, Journal of Metallurgy and Materials Science, Vol. 61, No. 1, 0974-1267, 51-60, 2019</p>
8.	Dr. Sanjeev Goyal	<p>1, Kailash, Rajeev Kumar Saha, Sanjeev Goyal, Benchmarking framework for internal supply chain management: a case study for comparative analysis, International Journal of Manufacturing Technology and Management, Vol.32 No.4/5, 1741-5195, 412-429, 2018</p> <p>2. Kailash, Rajeev Kumar Saha, Sanjeev Goyal, Factors Analysis of ISCM Benchmarking Using DEMATEL Technique, Journal of Supply Chain Management Systems, Vol.8, No.1, 2277-1387, 1-14, 2019</p>
9.	Dr. Mahesh Chand	<p>1. Sandeepa, C Mahesh, Analysis of flexibility factors in Sustainable Supply Chain using Total Interpretive Structural Modeling (T-ISM) Technique, Uncertain Supply Chain Management , 6 (1), DOI: 10.5267/j.uscm.2017.6.006, PP 1-12, 2018</p> <p>2. P Kumar, D Kumar, M Chand, Evaluation of supply chain coordination index in context to Industry 4.0 environment, International</p>



		Journal of Services and Operations Management , 32 (4), Print ISSN: 1744-2370 Online ISSN: 1744-2389, 507-521, 2019
		3. M Chand, Suraj, OP Mishra, Analysis of lean practices in manufacturing industries: an ISM approach, International Journal of Six Sigma and Competitive Advantage, 11 (1), Print ISSN: 1479-2494 Online ISSN: 1479-2753, 73-94, 2019
10.	Dr. Vasdev Malhotra	1. A comprehensive Review on Natural Fiber Reinforced polymer composites , International journal of Engineering Research in Mechanical and Civil Engineering, Vol. 3, issue 4, 2018 , impact factor -3.8 , UGC Approved
		2. Technological Modularity in Manufacturing Industries : A review , Published in International journal of Engineering Research in Mechanical and Civil Engineering, Vol. 3, issue 4, 2018 , impact factor - 3.8 , UGC Approved
		3. A frame work to enhance cellular manufacturing system : A total interpretive structural modeling approach , International journal of process management and benchmarking, vol. no 8 , no. 4 , 2018
11	Dr. Rajesh Kumar Attri	1. Rajesh Attri and Sandeep Grover, (2018), “Analysis of quality enabled factors of product design stage of production system life cycle: A relationship modelling approach”, International Journal of Management Science and Engineering Management, 13(1), 65-73
		2. Rahul, Sanjeev Kumar and Rajesh Attri, (2018), “Flexible Manufacturing System: A Review”, International Journal of Engineering Technology Science and Research, 5(4), 752-757.
		3. Reshu Sharma and Rajesh Attri, (2018), “A literature review on ISO 14001 in manufacturing organizations”, International Journal of Management, Technology and Engineering, 8(5), 297-301
12.	Dr. O.P. Mishra,	1. Manoj Kumar, Krishan Kumar & O P Mishra, “CAE Analysis of Solar Vehicle Structure”, International Journal of Management, Technology and Engineering, Volume 8, Issue V, pp 325-345, 2018, ISSN NO : 2249-7455.
		2. M Chand, Suraj, OP Mishra, Analysis of lean practices in manufacturing industries: an ISM approach, International Journal of Six Sigma and Competitive Advantage, 11 (1), Print ISSN: 1479-2494 Online ISSN: 1479-2753, 73-94, 2019

PAPER PUBLISHED IN NATIONAL/ INTERNATIONAL CONFERENCES

Sr. No.	Name of Faculty	Authors, Title, Conference, Dates, year, Pages
1.	Dr. Arvind Gupta	Sachin Gupta and Arvind Gupta, Digitalization: Modern tools for organization conference on Emerging Paradigms of Digitization : A management Perspective, Maharaja Agrasen Institute of Technology, New Delhi. 12 February 2018.
2.	Dr. Nikhil Dev	“Analysis of challenges of entrepreneurship- A GTA approach” at

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		national conference on intellectual property and entrepreneurship (NCIPE-2018) at IIT Roorkee 19 March,2018
3.	Dr. Hari Om	Ajay Sharma, Dr Hari Om, Integration of Manufacturing System With Internet of Things: A Review, TAME-2019
4.	Dr. Sandhya Dixit	Devesh Kumar, Sandhya Dixit, Hierarchy Model To Measure Performance Of Routing In FMS, TAME-2019
5.	Dr. Bhupender Singh	1. On Extensions of the CAYLEY –HAMILTON Theorem at International Conference on Recent Advances in Mathematics (ICRAM-2018) at Aggarwal College Ballabgarh, Haryana, 17-18 February-2018.
6.	Dr Sanjeev Kumar	1. Sanjeev Kumar, A Mathematical Model for the Performance Evaluation of a Fertilizer Plant, The IUP Journal of Mechanical Engineering, Vol. 12(2), 2019

WORKSHOP/STC/INVITED TALKS/OTHER ACTIVITIES CONDUCTED

S.No.	Name of Activity	Title	Dates
1	National Conference	Trends and Advances in Mechanical Engineering TAME-2019	04-05-2019

STC/FDP/WORKSHOP/ SYMPOSIA ATTENDED

S.No.	Name of Faculty	Name of STC/ FDP	Organized by	Date	
				From	To
1.	Dr. Sandhya Dixit	1. Data Science and Big Data Analytics	JCBUST, YMCA, Faridabad	28.08.2018	01.09.2018
		2. Improving Teaching, Learning and Research Competence	ESCI, Hyderabad	25.6.2019	29.06.2019
2.	Dr. Shefali Trivedi	Workshop on Structure Design and Project Management	JCBUST, YMCA, Faridabad	13.03.2019	14.03.2019
3.	Dr. Mahesh Chand	Engineering Research	NITTR, Chandigarh	24.06.2019	28.06.2019
4.	Dr. Sanjeev Kumar	NBA and NAAC Accrediation	ESCI Hyderabad	18-07-2018	22-07-2018
		Advanced Pedagogies: Active Learning and Digital	IIT, Guwahati	24-07-2019	28-07-2019

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		Tools			
5.	Dr. Rajeev Saha	NBA and NAAC Accrediation	ESCI Hyderabad	18-07-2018	22-07-2018
		Advanced Pedagogies: Active Learning and Digital Tools	IIT, Guwahati	24-07-2019	28-07-2019
6.	Dr. Sanjeev Kumar	Professional Development Training	IIM Raipur	20.05.2019	24.05.2019
7.	Dr. Naresh Yadan	Professional Development Training	IIM Raipur	20.05.2019	24.05.2019
8.	Dr. Om Prakash Mishra	Engineering Research	NITTTR,	24.06.2019	28.05.2019

INVITED TALKS/LECTURES DELIVERED

S. No.	Name of Faculty	Topic of delivery	Venue	Date
1.	Dr. M.L Aggarwal	Expert Lecture-Advances in Materials	GEC Raipur	23-05-2018
		Expert Lecture: Mechatronics with MATLAB	GPW Faridabad	29.8.2018
2.	Sandeep Grover	Outcome based Accreditation for Under-Graduate Engineering Program	YMCA UST Faridabad	3 rd May, 2018
		STTP on Quality in Technical Education with NBA (11-15 June 2018).	Ambedkar Institute of Advanced Communication Technologies & Research, Delhi	12 th June 2018
3	Dr Krishan Kumar	Scope of Mechanical Engineering in Aviation	JMIET Radaur	20 April 2018
4	Dr. Snjeev Goyal	AI, Robotics and Mechatronics	IILM Academy of Higher Learning, CET Plot No. 18, Knowledge Park-	11 th June 2018



			II, Greater Noida 201306	
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**FACULTY SERVING IN NATIONAL COMMITTEES, INTERNATIONAL COMMITTEES,
EDITORIAL BOARDS etc.**

S. No.	Name of Faculty	Details
1	Dr. Sandeep Grover	1. Member, ISTE
		2. Member, Inst of Industrial Engineers
		3. Member, Inst. of Engineers
2	Dr. M.L.Aggarwal	1. Member, ISTE
		2. Member, Institution of Engineers
3	Dr. Sanjeev Kumar	1. Senior Member, Indian Institution of Industrial Engineering
		2. Member, IAENG
		3. Member, Institution of Engineers (India)
		4. Member of organising committee of World Conference on Applied Science Engineering and Technology, 2nd to 3rd January 2018 Goa, India
		5. Member of organising committee of World Conference on Applied Science Engineering and Technology, 2nd to 3rd January 2018 Goa, India
		6. Member of organising committee of International conference on Research Advancements in Applied Engineering Sciences, Computer and Communication Technologies (ICRAAESCCT-18) held ON 12 th – 13 th July, 2018 at Narsapur (Medak), Greater Hyderabad, Telangana
		7. Chaired the technical session during the International Conference On Advances in Business and Engineering for Sustainability at ABES Engineering College, Ghaziabad, on March 27-28, 2018
		8. Chaired the technical session during International Conference on “Technology & Trust (ICTT’17)” organised by Greater Noida Institute of Technology, Greater Noida held on 28 and 29 December 2017.
	Dr. Vasdev Malhotra	1. Member, ISTE
		2. Fellow Institution of Engineers
		3. Membership of International Association of Computer Science and Information Technology, (IACSIT), 9,



4		Jurung hall Road, Singapore,		
		4. Bronze Membership of KFS International Journal of Intelligent System		
		5. Senior Membership of Institute of Research Engineers and Doctors		
		6. Membership of IAENG International Association of Engineers		
		7. Membership number 155605, 37-39 Hung to road , HONG KONG		
		8. Senior membership for Indian institute of industrial engineering		
		9. Life Membership from Indian Society of technical Education		
		10. Membership of CBEES , Asia –Pacific Chemical , Biological and Environment , Engineering society , south Kowloon , Hong Kong		
		5	Mrs.Sandhya Dixit	1. Member, IIIE
				2. Member, IEI
6	Dr. Rajeev Kumar Saha	1. Member, ISTE		
7	Dr.KrishanVerma	1. Life Member, ISTE Delhi		
		2. Life Member, IEI Kolkata		
		3. Life Member, SHMT IIT Madras		
8	Dr. Mahesh Chand	1. Life Member of Indian Society of Technical Education (LMISTE).		
		2. Life Member of Indian Institute of Industrial Engineering (LMIIE).		
9	Dr. Om Prakash Mishra	1. Member, ISTE		
10	Dr.Shefali Trivedi	1. Member, ISTE		
		2. Member of Institute of Engineers (INDIA)		
11	Mr. Sanjay Kumar	1. Life Member, ISTE		
		2. Senior Member,IIIE		

GATE/ CAT/ OTHER EXAM QUALIFIED STUDENTS 2017-2018

S. No.	Name of Exam	Year	Count of Qualified Students
1	GATE	2018-19	09



OUTSTANDING ACHIEVEMENTS 2018-2019

AWARDS FOR INNOVATION WON BY INSTITUTION/TEACHERS/RESEARCH SCHOLARS/STUDENTS DURING THE YEAR

Sr. No.	Title of the innovation	Name of the Awardee	Awarding Agency
1	Innovative Vehicle	B.Tech final and pre- final year students	BAJA 2018 (IIT Roorkee)
2	Development of innovative vehicle	Students of SAE club	Innovative Event at IIT Indore Prize of Rs 1.2 Lacs
3	“Smart Refrigerator”	B.Tech Final year Students Archit, M- 1667-2k13, Ajay, 1656, Amit Singh, 1661, Amit Kumar, 1659, Ankush Kashyap, 1664, Gurveer Singh, 1680, Akash Aggarwal, M- 1651-2k13	Danfoss Industries (P) Ltd. They were given IDanfoss Innovator award and Rs. 75000/- in cash.

NO. OF INCUBATION CENTRE CREATED, START-UPS INCUBATED ON CAMPUS DURING THE YEAR

Incubation Centre	Name	Sponsored by
Centre of Excellence	Centre of Excellence in Welding	ADOR Welding Ltd (MOU signed on 18/05/2018)

LIST OF PROJECTS SANCTIONED TO THE UNIVERSITY

S. No.	Name of Principal Investigator	Title of Research Project	Funding Agency	Duration	Year of Allotment	Amount(R s.)
1	Dr. Vasdev Malhotra	Minor Projects EAC Program under DST Programme	DST	1 year	2018	2 Lakhs
2	Dr. Vasdev Malhotra	Minor Projects FDP Program under DST Project	DST	1 year	2018	2.7 Lakhs
3	Dr. Vasdev Malhotra	Industry sponsored Projects: (RVM SOFT CAD: Training on Tool Design)	Industry	6 months	2018	50,000/-
4	Dr. Shefali Trivedi	Industry Consultancy	Industry	1 year	2019	25,000/-

LIST OF RESEARCH PROPOSALS GRANTED BY UNIVERSITY

S.No.	Name of Principal	Department	Title of Project	Regular	Amount
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	Investigator			under SFS/ Budgeted	Sanctioned
1	Dr Arvind Gupta	ME, YMCA UST	Projects sponsored by the University Experimental Investigation of heat transfer augmentation in a fin tube heat exchanger	UGC	2 Lakhs
2	Dr Rajiv Saha	ME, YMCA UST	Projects sponsored by the University Blueprint for development of Web based University Management System for YMCA University	UGC	2 Lakhs



**DEPARTMENT OF
ELECTRONICS ENGINEERING**



DEPARTMENT OF ELECTRONICS ENGINEERING

The department of Electronics Engineering has a distinguished record in both teaching and research. It has modern facilities and a dedicated technical and office staff to support the academic programs and research.

DEPARTMENT PROFILE

UG Courses: 1. B. Tech. (Electronics & Communication Engineering)

2. B.Tech.(Electronics & Instrumentation Control Engineering)

3. B.Tech. (Electronics & Computer Engineering)

PG Courses: 1. M. Tech. (Electronics & Communication Engineering)

2. M.Tech.(VLSI Design)

Ph.D. : Electronics Engineering

Target Students: 540

Total Number of Faculty: 29 (03 Professor + 02 Associate Prof. + 24 Assistant Prof.)

Number of Ph.D.'s: 09

Average Experience of faculty: 15 years. (approx.)

Chairperson: **Dr. Neelam Turk**

DEPARTMENTAL FACILITIES

The department is well equipped with the following facilities:

Sr. No.	Facility	Count/Details
1.	Labs	4
2.	Workshops	3
3.	Lecture Halls	5
4.	Conference Room	1
5.	Seminar Halls/Projector Rooms/Research Lab	1/2/1
6.	Internet Connection	yes
7.	Any Other Facility	
-	-	-

The Department also sponsors its faculty for Short Term Courses and Conferences on regular basis. Dr. Bal Krishan, faculty in the department has successfully completed his Ph.D. degree during this academic year.



FACULTY PROFILE

S. No.	Name	Designation	Highest Qualification with year	Area of Specialization	Total Experience (years)
1.	Prof. Dinesh Kumar	Professor	Ph.D. (1996)	Nano-Physics, Fabrication and Semiconductor devices	26
2.	Prof. S.K. Agarwal	Professor	Ph.D. (2009)	Control System	30
3.	Prof. Munish Vashishath	Professor	Ph.D. (2010)	Semiconductor Devices	14.5
4.	Dr. Neelam Turk	Associate Professor	Ph.D. (2011)	Signal Processing	11
5.	Dr. Pradeep Dimri	Associate Professor	Ph.D. (2013)	Embedded System	25
6.	Mr. Dushyant Shukla	Assistant Professor	M.Tech(2004)	Signal Processing	14.5
7.	Ms. Archana Agarwal	Assistant Professor	M.Tech(1996)	Communication Engg.	14
8.	Ms. Archana Aggarwal	Assistant Professor	M.Tech(1996)	Control Systems	10
9.	Mr. Bharat Bhushan	Assistant Professor	M.Tech(2011)	Electronics Engineering	12
10.	Mr. Bal Krishan	Assistant Professor	M.Tech(2009)	Nano Electronics	13
11.	Ms. Nitin Sachdeva	Assistant Professor	M.Tech(2005)	VLSI Design	12
12.	Ms Sangeeta Dhall	Assistant Professor	M.Tech(2006)	Network Security, Embedded System	12
13.	Dr. Shailender Gupta	Assistant Professor	Ph.D. (2012)	Networking, Image Processing	12
14.	Ms. Neetu Gupta	Assistant Professor	M.Tech(2007)	Video Processing	12
15.	Ms. Priyanka	Assistant Professor	M.Tech(2008)	Communication Engg	12
16.	Mr. Vinod Rathor	Assistant Professor	M.Tech(2011)	Control System	12

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17.	Dr. Preet Kaur	Assistant Professor	Ph.D. (2017)	Microwave & Antenna Device	10
18.	Mr. Prashant Kumar	Assistant Professor	M.Tech(2008)	VLSI Design	10
19.	Ms. Sonam Khatter	Assistant Professor	M.Tech(2007)	ECE	10
20.	Dr. Shielza Jain	Assistant Professor	Ph.D. (2014)	Control System	11
21.	Ms. Rashmi Chawla	Assistant Professor	M.Tech(2010)	VLSI Design, IoT, Photovoltaic Devices	10
22.	Ms. Gunjan Sardana	Assistant Professor	M.Tech(2008)	Communication	10
23.	Ms. Kalpana Sheokand	Assistant Professor	M.Tech(2009)	Signal Processing	10
24.	Mr. Lalit Rai	Assistant Professor	M.Tech(2008)	Control System	9.5
25.	Dr. Sunil Jadav	Assistant Professor	Ph.D. (2018)	VLSI Design & Automation	9.5
26.	Ms. Manju Kumari	Assistant Professor	M.Tech(2011)	Image Processing	8
27.	Ms. Nisha Goyal	Assistant Professor	M.Tech(2012)	VLSI Design	2
28.	Mr. Kamaldeep	Assistant Professor	M.Tech(2016)	Analog VLSI Design	2
29.	Ms. Nisha Yadav	Assistant Professor	M.Tech(2014)	VLSI Design	2

DEPARTMENTAL PUBLICATIONS & FDP/STC(01/07/2018 to 30/06/2019)

Sr. No.	Particular	Count
6.	Publications in International Journals	<u>14</u>
7.	Publications in National Journals	<u>18</u>
8.	Publications in International Conferences	<u>6</u>
9.	Publications in National conferences	-
10.	STC/FDP	<u>2</u>



**PAPER PUBLISHED IN NATIONAL/ INTERNATIONAL JOURNALS
(01/07/2018 to 30/06/2019)**

S. No.	Name of Faculty	Title, Journal, Vol, Issue, Pages, Year
1.	Bal krishan	1. Bal Krishan, "Comparative Analysis of Combinational Circuit Using Reversible Logic Based Techniques". Journal of VLSI Design Tools & Technology, Vol. 08, pp.30-33. (2018).
		2. Bal Krishan, "Analysis and Design of Decoder Using Different Adiabatic Technique". Journal of Electronic Design Technology, Vol. 09, pp.24-29. (2018).
		3. Bal Krishan, "DC-DC converter for energy harvesting applications". International journal of control and automation, Vol. 11, pp. 1. (2018).
		4. Bal Krishan, "A practical approach to energy consumption in wireless sensor networks". International journal of advance intelligence paradigms Inderscience, Vol. 10, pp.10-14. (2018).
2.	Gunjan Sardana	1. Gunjan Sardana, "Detection of Stator winding faults using Finite Element Analysis(FEA) in BLDC Motors". IRJRR, Vol. 6, pp. 2. (2018).
		2. Gunjan Sardana, "Detection of Stator winding faults using Finite Element Analysis(FEA) in BLDC Motors". International Refereed Journal of Reviews and Research, Vol. 6, pp. 50-58. (2018).
		3. Gunjan Sardana, "Detection of Air gap eccentricity faults using Finite Element Analysis (FEA) in BLDC Motors.". Trends in Mechanical Engineering, Publisher: STM Journal, Vol. 08, pp. 1-4. (2018).
3.	Kalpana Sheokand	Kalpana Sheokand, "The effectual review on fault detection and classification in Induction Motor, ".International Refereed Journal of Reviews and Research, Vol. 06, pp. 41-49. (2018).
4.	Munish Vashishath	Munish Vashishath, "The effectual review on fault detection and classification in Induction Motor, ".International Journal of Information Technology (Springer), Vol. 01, pp.1-8. (2018).
5.	Neelam Turk	Neelam Turk, "Behaviour Analysis of Induction Motor Under Various Fault Conditions of Rotor bar at Different Loading, ".International Journal of Computer Sciences and Engineering, Publisher, Vol.6, No. 2, pp. 18-24. (2018).
6.	Nitin Sachdeva	1. Nitin Sachdeva, "The Impact of Substrate Doping Concentration on Electrical Characteristics of 45nm Nmos Device, ".Journal on Electronics Engineering, Vol.08, pp. 20-26. (2018).
		2. Nitin Sachdeva, "Impact of various doping Distributions on N-MOSFET Performance, ".International Journal of Technology, Vol.08, pp. 1-10. (2018).
		3. Nitin Sachdeva, "Effect of Gate Work-function on Gate Induced Drain Leakage of MOSFETs, ".International Journal of Computational Engineering & Management (IJCEM), Vol.21, pp. 11-18. (2018).
7.	Prashant Kumar	1. Prashant Kumar, "Study of Scaling of MOSFET on Various Electrical Characteristics using Silvaco TCAD Tool, ".Journal of Semiconductor Devices and Circuits, Vol.5, No. 1, pp. 11-19. (2018).



		<p>2. Prashant Kumar, “Design and Analysis of 90nm nMOSFET for Lower Leakage,”.International Journal of Advances in Arts, Sciences and Engineering (IJOAASE), Vol.6, No. 13, pp. 1-5. (2018).</p> <p>3. Prashant Kumar, “Comparative Analysis of FD-DMDG SON MOSFET over FD DMDG SOI MOSFET,”.Journal of Electronic Design Technology, Vol.9, No. 1, pp. 9-16. (2018).</p>
8.	Rashmi Chawla	<p>1. Rashmi Chawla, “Comparative Analysis of Perturb & Observe and Incremental & Conductance MPPT Algorithms,”.Journal of Electronic Design Technology, Vol.9, pp. 7-13. (2018).</p> <p>2. Rashmi Chawla, “Investigation of Structural, Morphological and Electro-Optical Behavior of GO/rGO,”.International Journal of Surface Engineering and Interdisciplinary Materials Science, Vol.6, pp. 32-44. (2018).</p> <p>3. Rashmi Chawla, “Contrast Enhancement Technique Based on Lifting Wavelet Transform,”.3D Research, Vol.9, pp. 1-13. (2018).</p> <p>4. Rashmi Chawla, “IoT Based Framework: Mathematical Modelling and Analysis of Dust Impact on Solar Panels,”.3D Research, Vol.10, pp. 1-15. (2019).</p> <p>5. Rashmi Chawla, “A Mamdani Fuzzy Logic System to Enhance Solar Cell Micro-Cracks Image Processing,”.3D Research (Multimedia), Vol.9, pp. 34. (2018).</p> <p>6. Rashmi Chawla, “Evolution of Graphene Oxide: A Survey,”.Journal of Thin Films, Coating Science Technology and Application, Vol.5, pp. 35-39. (2018).</p> <p>7. Rashmi Chawla, “Potential of Graphene as TCO for Photovoltaic Application,”.International Journal on Future Revolution in Computer Science & Communication Engineering, Vol.4, pp. 214-217. (2018).</p> <p>8. Rashmi Chawla, “Interface Engineering of Graphene Multi-Junction InGaP/GaAs/InGaAs/Ge Solar PVC,”.Trends in Opto-Electro & Optical Communications, Vol.8, pp. 1-7. (2018).</p>
9.	Sangeeta Dhall	<p>1. Sangeeta Dhall, “Improved hybrid watermarking Technique,”.IJARSE, Vol.7, pp. 6-13. (2018).</p> <p>2. Sangeeta Dhall, “Analysis of Fog Removal Techniques,”.IJFRCSE, Vol.4, pp.299-304. (2018).</p> <p>3. Sangeeta Dhall, “Performance Evaluation of Spatial and Frequency Domain Techniques under Various Attacks,”.International Journal of Signal Processing, Image Processing and Pattern Recognition, Vol.11, pp. 1-22. (2018).</p> <p>4. Sangeeta Dhall, Shailender Gupta, “A Novel Hybrid Contrast Enhancement Technique,”.3D Display Research, Vol.9, pp. 1-13. (2018).</p> <p>5. Sangeeta Dhall, “Performance Comparison of Steganography Techniques,”.International Journal of Computer Network and Information Security, Vol.9, pp. 37-46. (2018).</p> <p>6. Sangeeta Dhall, Shailender Gupta, “Publicly verifiable watermarking scheme for intellectual property protection using quantum Chaos and bit plane complexity slicing,”.Multimedia tools and applications, Vol., pp. 1-26. (2018).</p>
10.	Shailender Gupta	<p>1. Sangeeta Dhall, Shailender Gupta, “Publicly verifiable watermarking scheme for intellectual property protection using quantum Chaos and bit</p>

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		plane complexity slicing,”.Multimedia tools and applications, Vol., pp. 1-26. (2018).
		2. Sangeeta Dhall, Shailender Gupta, “A Novel Hybrid Contrast Enhancement Technique,”.3D Display Research, Vol.9, pp. 1-13. (2018).
		3. Shailender Gupta, “An efficient hybrid security mechanism based on chaos and improved BPCS,”.Multimedia tools and applications, Vol.77, pp. 6799-6835. (2018).
		4. Shailender Gupta, “A Novel Image Encryption Scheme Based on Intertwining Chaotic Maps and RC4 Stream Cipher,”.3D Display Research, Vol.9, pp. 10. (2018).

**PAPER PUBLISHED IN NATIONAL/ INTERNATIONAL CONFERENCES
(01/07/2018 to 30/06/2019)**

S. No.	Name of Faculty	Authors, Title, Conference, Dates, year, Pages
1	Prof. Dinesh Kumar	Dinesh Kumar, “Bipolar resistive switching in graphene oxide based metal insulator metal structure for non-volatile memory applications,” AIP Conference Proceedings, pp. 050053
2	Dr. Neelam Turk	Neelam Turk, “Performance Analysis of Speech Recognition Systems for Man Machine Interaction”. Proceedings of International Conference on Computational Intelligence and Data Analytics (ICCIDA-2018), October 2018
3.	Rashmi Chawla	Rashmi Chawla, “Optoelectronics of 2D Semiconductor Transition Metal Dichalcogenides”. 12th INDIACom, IEEE Conference ID: 42835, pp.1717-1721, Jan 2019
4.	Bharat Bhushan	Bharat Bhushan, “An In-Depth Analysis of Contrast Enhancement Schemes,”.h International Conference on “Computing for Sustainable Global Development 2018, Vol. XYZ, pp. XYZ. (2018).
5.	Archna Aggarwal	Archna Aggarwal, “Sizing and financial optimization of hybrid PV/battery/diesel system,” 2nd IEEE International conference on power Electronics, Intelligent Control and Energy systems (ICPEICES-2018)
6.	Archna Aggarwal	Archna Aggarwal, “DESIGN, SIMULATION AND ECONOMICAL ANALYSIS OF SOLAR POWERED IRRIGATIONAL WATER PUMP,” 2nd IEEE International conference on power Electronics, Intelligent Control and Energy systems (ICPEICES-2018)

**WORKSHOP/STC/INVITED TALKS/OTHER ACTIVITIES CONDUCTED
(01/07/2018 to 30/06/2019)**

S.No.	Name of Activity	Title	Dates
1.	One week STC	“Curriculum Implementation”	08.10.2018 to 12.10.2018
2.	Expert Lecture	“IOT Genesis” by Mr. Anil Kumar Bhardwaj. Advisor, TRAI	26.10.2018

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3.	Expert Lecture	“IOT and Industries” by Mr. Narang N. Kishor, Narnix Technologies Pvt. Ltd.	26.10.2018
4.	Expert Lecture	“A rewarding career in IOT domain” by Mr. Kapil Chabbra	26.10.2018
5.	Workshop	MATHMELA 2018 organised for Students of Community College	22.12.2018
6.	Expert Lecture	TECHSHALA , 2018 by Dr. Anuj Sinha,	11.10. 2018
7.	Expert Lecture	“Way forward for students in IOT industries” by Mr. Vikas Chandwani, Co-founder at Grow Thoughts	26.10.2018
8.	Expert Lecture	Machine Learning by Dr. Shirin Dora, Faculty of Science, Swammerdam Institute for Life Sciences, Science Park A, Science Park 904, 1090	08.02. 2019
9.	Workshop	Vlsi Design- Mind To Market 2019	28.1.2019-2.2.2019

STC/FDP/WORKSHOP/ SYMPOSIA ATTENDED (01/07/2018 to 30/06/2019)

S.No.	Name of Faculty	Name of STC/ FDP	Organized by	Date	
				From	To
1.	Munish Vas hishath	Stress And Time Management Through Pqh Model At Gangtok (Sikkim)	National Productivity Council, Regional Directorate, Kanpur	02-07-2018	06-07-2018
2	Dr. Neelam Turk	Management Development Program	IIM Indore	27-05-2019	31-05-2019
3	Dr. Sheilza Jain	Vlsi Design- Mind To Market 2019	JCBUST, YMCA, Faridabad	28-01-2019	02-02-2019
		Life Skills Development	JCBUST, YMCA, Faridabad	09-07-2018	13-07-2018
4.	Ms. Archna Aggarwal	Selected Topics In Control Theory- Fundamentals, Advances And Future Directions	Conducted By Electronics & ICT Academy ,Mnit Jaipur	09-08-2018	13-08-2018
5.	Ms.	Life Skills Development	NITTTR,,	09-07-2018	13-07-2018

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	Sangeeta Dhall		Chandigarh		
		Student Induction Program	AICTE, New Delhi	06-07-2018	08-07-2018
6.	Nitin Sachdeva	1. Life Skills Development	YMCA UST Faridabad	07.09.2018	13.07.2018
		2. Curriculum Implementation	YMCAUST(NIT TTR Chd)	08.10.2018	12.10.2018
		3. VLSI Design-Mind to Market 2019	J.C. Bose UST, YMCA Faridabad	28.01.2019	02.02.2019
7	Prashant Kumar	1. NBA and NAAC Accreditation	ESCI, HYDERABAD	18.07.2018	22.07.2018
		2. IC Fabrication Technology and MEMS	CEERI PILANI	08.08.2018	14.08.2018
		3. Life Skill Development	YMCA Faridabad and NITTTR Chandigarh	09.07.2018	13.07.2018
8.	Preet Kaur	Life skills development	NITTR, chandigarh	09.07.2018	13.07.2018
9.	Rashmi Chawla	Life Skill Development	JCBUST, YMCA, Faridabad	09-07-2018	13-07-2018
10	Sunil Jadav	Semiconductor Device Fabrication	CEERI, Pilani	08-08-2018	14-08-2018
11	Ms. Nisha Yadav	Life Skill Development	JCBUST, YMCA, Faridabad	09-07-2018	13-07-2018
12	Mr. Lalit Rai	Life Skill Development	JCBUST, YMCA, Faridabad	09-07-2018	13-07-2018



INVITED TALKS/LECTURES DELIVERED(01/07/2018 to 30/06/2019)

S.No.	Name of Faculty	Topic of delivery	Venue	Date
1.	Dr. Pradeep Kumar	1. Technical Lecture on IOT & AI	Institution of Engineers (India) Faridabad local centre	4.09.2018
		2. World Environment Day	Institution of Engineers (India) Faridabad local centre	5.6.2018
		3. Design of O&M of LED lamps for the Sr. Executives of Kaduna State , Nigeria	NPTI , Ministry of Power , Govt. of India , Faridabad	15.04.2019
2.	Dr.		

FACULTY SERVING IN NATIONAL COMMITTEES, INTERNATIONAL COMMITTEES, EDITORIAL BOARDSetc.

S. No.	Name of Faculty	Details
Sr. No. 1	Name Dr. Dinesh Kumar	4. Committees
		<ol style="list-style-type: none"> 1. Member of executive council(Shri Vishwakarma Skill University, palwal) 2. Member of Building Works Committee(Shri Vishwakarma Skill University, palwal) 3. Member of Academic Council of National Resource Centre (NRC)for Annual Refresher Programme(ARPIT),(Guru Jambheshwar UST, Hisar) 4. Member of the Planning Board(Guru Jambheshwar UST, Hisar) 5. Member of the Academic planning Board (Indra Gandhi University, Meerpur, Rewari) 6. Member of Governing Board of IUAC(Inter University Accelerator Centre(IUAC)) 7. Member of committee to frame the draft notification regarding adoption UGC regulation for minimum qualification for appointments of teacher and other academic staff in Technical Universities(DGTE). 8. Member of Administrative Council (Rajkiya Engineering college,



		<p>Azamgarh UP)</p> <p>9. Member of committee to examine various polytechnic institutes for streamlining process of admission (Haryana State Higher Education Council)</p> <p>10. Member of Executive Council(DCRUST, Murthal)</p> <p>11. Member of Board of Governors (Haryana Pradesh Technical University)</p> <p>12. Member of Advisory Committee(Haryana Pradesh Technical University)</p> <p>13. Member of search committee for the post of Vice Chancellor(Haryana Pradesh Technical University/Govt. of Himachal Pradesh)</p> <p>14. Member of Governing Body(FEC-Faridabad Education Council)</p> <p>Member of Board of Management (STAREX University, Gurugram)</p>
2	Dr.S.K. Agarwal	<p>Data Auditor of TEQIP-II at GJUST Hisar, Kurukshetra University'</p> <p>Editor of YMCAUST Journal</p>
3	Dr.MunishVashishath	<ul style="list-style-type: none"> • Data Auditor of TEQIP-II at i)DTU- DELHI,ii) MDU-ROHTAK,iii) DCRUST-MURTHAL iv) USIC KURUKSHETRA, • Editor of International Journal of Science, Technology and Management, • Reviewer of Journal of Circuits, Systems, and Computers, Journal of Nanoelectronics and Optoelectronics, Taylor's University Journal of Engineering Science & Technology, Journal of Circuits and Systems (CS), Journal of Signal and Information Processing(JSIP), YMCAUST International Journal of Research
4	Dr. Pradeep Kumar	Data Auditor of TEQIP-II at NC College of Engg. Israna
5.	Dr.Neelam Turk	Reviewer for Mechatronics (Elsevier), YMCAUST Journal, EPCS Journal (Taylor & Francis), IJEPS
6.	Ms.ArchnaAggarwal	Reviewer for Journal of Renewable and sustainable energy reviews, Elsevier
7.	Dr. Sunil Jadav	Reviewer for ETRI Journal Korea
8.	Mr. Prashant Kumar	Sub Editor of YMCAUST Journal
9.	Dr.Shailender Gupta	<p>Editor of IJCNIS(MECS), IJCNA(Everscience)IJETER(Everscience), Sub Editor(YMCAUST IJR</p> <p>Reviewer for IJFCM(Inderscience), Frontier of Computer Science(SPRINGER), Taylor and Francis</p>



LIST OF PH.D. COMPLETED (01/07/2018 to 30/06/2019)

S. No.	Name of Faculty	Topic	Awarding Year	Institution
1.	Dr. Bal Krishan	Modeling and Simulation of Nano Electronics Devices for Advance Applications	2019	JCBYMCAUST Faridabad

GATE/ CAT/ OTHER EXAM QUALIFIED STUDENTS 2018-2019

S. No.	Name of Exam	Year	Count of Qualified Students
1	GATE	2018-19	12
2	CAT	2018-19	10

TRAINING PROGRAMMES HELD FOR STUDENTS

Date	Name of Activity	Number of Participants
26.10.2018	“IOT Genesis” by Mr. Anil Kumar Bhardwaj. Advisor, TRAI	50
26.10.2018	“IOT and Industries” by Mr. Narang N. Kishor, Narnix Technologies Pvt. Ltd.	50
26.10.2018	“A rewarding career in IOT domain” by Mr. Kapil Chhabra	50
22.12.2018	MATHMELA 2018 organised for Students of Community College	200
11.10. 2018	TECHSHALA , 2018 by Dr. Anuj Sinha,	100
26.10.2018	“Way forward for students in IOT industries” by Mr. Vikas Chandwani, Co-founder at Grow Thoughts	50
19.09.2018	Electronics Prasarby Vigyan Prasar(DST)	52
08.02. 2019	Machine Learning byDr. Shirin Dora, Faculty of Science, Swammerdam Institute for Life Sciences, Science Park A, Science Park 904, 1090	20
28.1.2019-2.2.2019	Vlsi Design- Mind To Market 2019	145

TRAINING PROGRAMMES HELD FOR FACULTY AND STAFF

Date	Name of Activity	Number of Participants
08.10.2018 to 12.10.2018	“Curriculum Implementation”	38

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19.09.2018	Electronics Prasar by Vigyan Prasar(DST)	10
26.10.2018	“Way forward for students in IOT industries” by Mr. Vikas Chandwani, Co-founder at Grow Thoughts	50
08.02. 2019	Machine Learning byDr. Shirin Dora, Faculty of Science, Swammerdam Institute for Life Sciences, Science Park A, Science Park 904, 1090	5
28.1.2019-2.2.2019	Vlsi Design- Mind To Market 2019	20

SPONSORED R&D PROJECTS IN-HAND

S.No.	Name of Principal Investigator	Title of Research Project	Funding Agency	Duration	Year of Allotment	Amount (Rs.)
1.	Dr. Pradeep Dimri	Development of Wireless Vehicle Verification System	JCBYMCA UST Fbd.	01-04-2016 31-03-2018	2016	1,50,000/-
2.	Dr.Sheilza Jain	Analysis of Motion Dynamics of single axis Piezo-resistive actuated Nano-positioning System	JCBYMCA USTFbd.	01-04-2016 31-03-2018	2016	100000/-
3	Ms. Preet Kaur	SAR reduction in Human Head from Mobile Handset Radiation and Designing of low cost paper Antenna	JCBYMCA UST Fbd.	01-04-2016 31-03-2018	2016	100000/-
4	Mr Lalit Kumar	To Develop 3 Axis CNC Controller for Precision Applications	JCBYMCA UST Fbd.	01-04-2016 31-03-2018	2016	1,85,000/-
5	Dr. Neelam Turk Dr.Rashmi Chawla Dr.Shailender Gupta Mr. Bharat Bhushan	Rotary Blood Bank – App “Boond-The drop of life”	Rotary Club Fbd.	22.6.2019	22.6.2019	2,15,000/-
	Rashmi Chawla	E-Butt Collector		24.12.2019	24.12.2019	50,000/-



CANDIDATE COMPLETED/DOING PH.D.

S. No	Name of the Supervisor	Name of the Ph.D. Scholar	Mode of Ph.D. (Full Time/ Part Time)	Date of Registration	Research Topic	Availing Fellowship Yes/No
1.	Dr. Neelam Turk/ Dr.Ratna	Priyanka	Part Time	7.6.2012	Magnetic Field Analysis for Health Monitoring of induction Motor Using Search Coil	No
2	Dr.MunishVashishath/ Dr. Rajeev Kapoor	Neetu Gupta	Part Time	7.6.2012	Video Behaviour Profiling for Anomaly Detection	No
3.	Dr. Neelam Turk	Kalpana Sheokand	Part Time	7.6.2012	Effect of Time Varying Load and Constant on Effectiveness of Fault Detection of Electrical Machine	No
4	Dr.MunishVashishath/ Dr.Tarum Rawat	Dushyant Shukla	Part Time	7.6.2012	Noise Analysis of Electronics Circuit Using Stochastic Differencial Equations	No
5	Dr. Neelam Turk	Sonam Khara	Part Time	7.6.2012	Analysis and Implementation of Energy Efficient Wireless Sensor Network	No
6	Dr. S.K Aggarwal/ Dr. Alok Kumar	Tarun Sachdeva	Part Time	7.6.2012	Modeling, Simulation and optimization of Gate All Around MOSFET	No
7	Dr.MunishVashishath/ Dr. P.K. Bansal	Nitin Sachdeva	Part Time	7.6.2012	Modeling, Estimation and Reduction of Total Leakage in Scaled CMOS Logic Circuit	No
8	Dr. Neelam Turk/ Dr.SatvirDeswal	Gunjan Sardana	Part Time	7.6.2012	Condition Monitoring of BLDC Motor Using Advanced Signal Processing Techniques	No
9	Dr.MunishVashishath/ Dr.RajeevanChandel	Sunil Jadav	Part Time	7.6.2012	Investigation on Low Power VLSI Interconnect modelling and Simulation	No
10	Dr.MunishVashishath/ Dr. P.K. Bansal	Prashant Kumar	Part Time	7.6.2012	Analytical Study of MOS Device for Leakage reduction in Low Power Circuit	No
11	Dr. S.K Aggarwal	Lalit Rai	Part Time	7.6.2012	Design of Model Predictive Control for Water Level control in Drum Boiler Steam Generator	No
12	Dr. S.K Aggarwal/ Dr. Anwar S. Siddiqui	Sanchi Bansal	Part Time	7.6.2012	Performance Analysis of Design of Sampled Data Network control System	No
13	Dr. S.K Aggarwal/ Dr. Vivek Kumar	Lokesh Garg	Part Time	7.6.2012	Improvement of Transient Stability of Series Compensated Long transmission Line by Using Genetic Algorithm	No
14	Dr.Shailender Gupta	Manju Kumari	Part Time	1.1.2016	Design & analysis an efficient secured mechanism for preserving image confidentiality	No
15	Dr. Neelam Turk/ Dr. Ratna	Sunanda	Part Time	7.6.2012	Analysis of speech recognition	No

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	Dr.Dipali Bansal	Mendiratta			system for Man Machine interaction	
16	Dr.MunishVashishath/ Dr.Rajveer Singh	Taruna Sharma	Part Time	7.6.2012	Design & Analysis of Reconfiguration MHD Antenna	No
17	Dr. Neelam Turk	Chhaya Grover	Part Time	7.6.2012	Advance Fault Diagnosis of power-plant components using vibration signature analysis	No
18	Dr.Sheilza Jain and Dr.Rajender Kumar (NIT, KUK)	Savita	Full Time	1.7.2017	Performance Analysis of Fog Computing in IoT	No
19	Dr.Sheilza Jain and Dr. Sakshi Bangia	Ritika Thusoo	Full Time	1.7.2017	Analysis & Control of Unmanned Aerial Vehicle for Path planning using IoT	No
20	Dr.Sheilza Jain	Mayank Nahra	Full Time	1.7.2017	Analysis and Deployment of Solar Photovoltaic System for Sustainability	No
21	Dr.MunishVashishath, Prof. Shamim Ahmad and Dr. Sonia Bansal	Amir Mansoori	Full Time	1.7.2017	Design and Fabrication of Low Cost Printed Sensors using 2D Materials	No
22	Dr. Pradeep Kumar	Naresh Kumar	Full Time	1.7.2017	Analysis and Design of Embedded System Based Reconfigurable Circuit for Signal Processing	No
23	Dr. Pradeep Kumar	Lalit Kumar	Full Time	1.7.2017	Performance Analysis of Wireless System for IoT Application	Yes
24	Dr.MunishVashishath Dr.Shailender Gupta	Archana Aggarwal	Part Time	15.1.2018	Analysis and Design of Improve Contrast Enhancement Scheme	No
25	Dr. Pradeep Dimri Dr. Arti M.K	Pratibha Rani	Full Time	15.1.2018	Design and Analysis of Massive MIMO Communication System	No
26	Dr.Shailender Gupta	Reema	Full Time	15.1.2018	Analysis and Design of Neurodegenerative Disorder Detection Mechanism	Yes
27	Dr.Shailender Gupta	Sangeeta Dhall	Part Time	15.1.2018	Analysis and Design of a Multilevel Security Mechanism for Data Communication Networks	No
28	Dr. Dinesh Kumar& Dr.MunishVashishath	Surinder Singh	Part Time	15.1.2018	Design and Development of MEMS Based Liquid Propellant Micro Thruster Array for Space Application (Objectives were modified)	No
29	Dr. Sunil Jadav	Shweta	Full Time	DRC Not held	Not yet decided	Yes (Tequip)
30	Dr.Sheilza Jain	Sandeep	Full Time	DRC Not	Not yet decided	Yes



				held			(UGC)
31	Dr. Sunil Jadav	Nisha Yadav	Part time	DRC held	Not	Not yet decided	No
32	Dr. Pradeep Dimri	Pooja	Full Time	DRC held	Not	Not yet decided	No

INTERNAL REVENUE GENERATED

S.No.	Name of Project/ Consultancy	Amount (in Lacs)
1.	Development of Wireless Vehicle Verification System	1,50,000/-
2.	Analysis of Motion Dynamics of single axis Piezo-resistive actuated Nano-positioning System	100000/-
3.	SAR reduction in Human Head from Mobile Handset Radiation and Designing of low cost paper Antenna	100000/-
4.	To Develop 3 Axis CNC Controller for Precision Applications	1,85,000/-
5.	Rotary Blood Bank –App “Boond-The drop of life”	2,15,000/-
6.	E-Butt Collector	50,000/-



**DEPARTMENT OF
ELECTRICAL ENGINEERING**



DEPARTMENT OF ELECTRICAL ENGINEERING

The Department of Electrical Engineering is committed to impart technical education in the most efficient manner to its students. It was established in the year 2012 (earlier combined with Electronics Engineering Department and known as EEE Department running since the inception of YMCAIE). The department has equipped itself with workshops/labs and syllabus for achieving engineering education excellence, from the support of excellent faculty of the Department, YMCA UST has established itself as well known entity in the field of Electrical education. The syllabus of the Department composed of the fundamental concepts blended with the ultra modern topic to impart quality technical education, the lab/workshops consists of the basic instrument to software/simulators for providing the student a feel for industrial work environment.

Department of Electrical Engineering is running various UG, PG and Ph.D. programs.

Vision of the Department

Electrical Engineering Department congregates the challenges of new technological advancements to provide comprehensively trained, career focused ,morally strong accomplished graduates, cutting edge researchers by experimental learning which contribute to ever changing global society and serve as competent engineers.

Mission of the Department

To commit excellence in imparting knowledge through incubation and execution of high quality innovative educational programs.

To develop the Research oriented culture to build national capabilities for excellent power management.

To inculcate and harvest the moral values and ethical behavior in the students through exposure of self - discipline and personal integrity.

To develop a Centre of Research and Education generating knowledge and technologies which lay ground work in shaping the future in the field of electrical engineering.

DEPARTMENT PROFILE

UG Course: **B. Tech. (Electrical Engineering) ,**

PG Course : **M.Tech (Power Systems) & M.Tech(Power Electronics)**

Chairperson: **Prof PoonamSinghal**

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Total no. of faculty: 14 (03 Professor + 01 Associate Prof. + 10 Assistant Prof.)

No. of Ph.D.'s: 06

No. of M.Tech. : 08

Ph.D. Pursuing: 03

Average Experience of faculty: 13 years

DEPARTMENTAL FACILITIES

The department is well equipped with the following facilities:

Sr. No.	Facility	Count/Details
1.	Lab	10
2.	Lecture Halls	04
3.	Drawing Hall	00
4.	Projector Rooms	03
5.	Faculty Room	06

WORKSHOP/STC/OTHER ACTIVITIES CONDUCTED

S.No.	Name of Activity	Title	Dates
1.	One week Workshop under TEQIP-III	Hands on Training on Design and Fabrication of PCB18-2019	18-7-2019 to 24-7-2019
2.	One week FDP	Embedded World	26-11-2018 to 30-11-2018

INVITED TALKS/OTHER ACTIVITIES CONDUCTED

S. No.	Title	Name and address of industry/IIT expert	Dates
1	LED Lighting	Mr.Devender Singh Bhandari, Vice President, HPL Electric and Power Ltd.,	04.10.2019
2	Time Management'	Mr. Rajesh Gupta, Alumni 1992,	04.10.2019

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3	HVAC Systems and New Technologies	Mr. Sanjay Mittal, Sr. GM, Johnson Controls	04.10.2019
4	Aerosol Advanced Fire Suppression System	Mr.Lakhan Pal Solanki, Assistant General Manager, Airport Authority of India	03.10.2019
5	Applications and types of medium voltage switchgear'	Mr. Sudhir Yadav, Alumni	, 03.10.2019
6	Low voltage Switchgear, application, selection and co-ordination	Mr.NitinRastogi	01.10.2019
7	LED Lighting'	Mr.Mahender Singh, Executive Director and Vice President, Havells Guangzhou International Ltd	01.10.2019
8	Design of power Distribution System for a building project	Mr.Vikas Sharma	01.10.2019
9	Electricity, Generation and Transmission	Mr.Inderjit Singh, Engineer,Bhakra Beas Management Board	30.9.2019
10	Project Management	Mr.A.K.Sen, GM, Operation Blue Star(Alumni, YMCA	30.09.2019
11	Energy Management for Buildings	Mr. Vijay Kataria, Director Sales and Process Excellence with Schneider Electric India(Alumni	06.08.2019

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12	Satellite Comm. And application in Indian Economy	Mr. Sanjay Gupta(Business Director Hughes)	31.08.2019
13	Electrical Safety Audit	Mr. Bharat BhushanAsija, Director Mabless Power Engineer Pvt.Ltd	29.08.2019
14	Industrial Safety	Mr.AshwaniDamani, MD, Industrial Safety Engineer, FBD	27.08.2019
15	Energy Meter	Mr. Ravinder Kumar, SDO, Electricity Board Haryana (Alumni) YMCA,	26.08.2019
16	Renewable Energy Integration	Prof. Ramesh C. Bansal, Department of Electrical and Computer Engg. At the University of Sharjah, United Arab Emirates	22.08.2019
17	Introduction to ignition coils, starter relays special purpose transformers and reactors	Mr.Balram, Alumni 1992 batch	23.7.2019
18	Grid operation with 100 percent renewable	Dr. Manohar Singh (CPRI Bangalore),	17/11/2018

INDUSTRIAL VISITS

S.No.	Place	Concerned Students	Date
1.	Substation Ballabgarh	B.Tech (EL) 3rd Year	26-10-2018
2.	PCB Design Workshop, Ballabgarh	Faculty and Staff members	24-07-2019
3.	GIS Substation, Old Faridabad	B.Tech (EL) 3rd Year	22-08-2019
4.	A5 Sub Station, Sector- 3, Faridabad	B.Tech (EL)3rd Semester	10-09-2019 & 11-09-2019
5.	Workshop on "Advance Techniques in Factory Automation" in ManavRachna International Institute of Research and studies	B.Tech (EL) 5th Semester	26-08-2019 to 28-08-2019



VALUE ADDED COURSE (JULY-DEC 2019)

1. The value-added course on "LabVIEW" running by the Department of Electrical Engineering for Third-year students. All 5th-semester electrical engineering students are attending this course.
2. The value-added course on "AutoCAD" running by the Department of Electrical Engineering for Third-year students. All 5h semester electrical engineering students are attending this course

EVENTS

- 1.** One day Declamation Event on 4th September 2019 for the celebration of 550th birthday of Guru Nanak Dev Ji



DEPARTMENT OF COMPUTER ENGINEERING



DEPARTMENT OF COMPUTER ENGINEERING

The department of Computer Engineering has a distinguished record in both teaching and research. It has modern facilities and a dedicated technical and office staff to support the academic programs and research.

DEPARTMENT PROFILE

UG Course:	B. Tech. (Computer Engineering), B. Tech. (Information Technology)
PG Course:	M. Tech. (Computer Engineering, Information Technology & Computer Networking)
PhD:	Computer Engineering
Target Students:	
Total Number of Faculty:	(5 Professors + 31 Assistant Professors)
Number of Ph.D.'s:	21
Average Experience of faculty:	11.6 years (approx.)
Chairperson:	Dr. Komal Kumar Bhatia

DEPARTMENTAL FACILITIES

The department is well equipped with the following facilities:

Sr. No.	Facility	Count/Details
1.	Labs	10
2.	Smart class Rooms	5
3.	Lecture Halls	12
4.	Conference Room	1
5.	Seminar Halls/Projector Rooms/Research Lab	8
6.	Internet Connection	NKN leader line 1 Gbps , BSNL leader line of 100 Mbps speed
7.	Any Other Facility	Research Lab Networking Lab Animation Lab



FACULTY PROFILE

S. No.	Name	Designation	Highest Qualification with year	Area of Specialization	Total Experience (years)
1	Dr. Komal Kumar Bhatia	Professor & Chairman	Ph.D.(2009)	Information Retrieval, Web Mining	18
2	Dr. Chander Kumar Nagpal	Professor	Ph.D. (2005)	Soft Computing, Automata Theory	31
3	Dr. Naresh Chauhan	Professor	Ph.D.(2008)	Internet & Web Technology, Software Testing	16
4	Dr. Atul Mishra	Professor	Ph.D.(2012)	Object Oriented Designs, Distributed Systems, Cloud Computing, Big Data, Network Management	27
5	Dr. Ashutosh Dixit	Professor	Ph.D (2011)	Internet and Web Technologies	16
6	Dr. Jyoti	Assistant Professor	Ph.D (2012)	Web Mining, OOP, Operating System	16
7	Dr. Harish Kumar	Assistant Professor	Ph.D. (2017)	Software Testing, Project Management and Computer Programming	14
8	Dr. Parul Tomar	Assistant Professor	Ph.D. (2012)	Adhoc Network, Database	14
9	Dr. Neelam Duhan	Assistant Professor	Ph.D. (2011)	Information Retrieval, Web Mining, Databases	15
10	Dr. Sapna Gambhir	Assistant Professor	Ph.D. (2010)	Wireless Networks, Adhoc Social Networks, Online Social Networks	17
11	Dr. Parul Gupta	Assistant Professor	Ph.D (2013)	Information Retrieval	16
12	Ms. Shruti Sharma	Assistant Professor	M.Tech (2006)	Information Retrieval	14
13	Dr. Anuradha	Assistant Prof. CE	Ph.D. (2011)	Web Mining	16
14	Dr. Poonam	Assistant Professor	Ph.D (2019)	Mobile Adhoc Network, Operating system, Algorithm design	12
15	Dr. Deepika	Assistant Professor	Ph.D. (2016)	Internet and Web Technologies	14

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16	Dr. Payal Gulati	Assistant Professor	Ph.D. (2013)	Information Retrieval, Web Mining	12
17	Ms. Amita Arora	Assistant Professor	M.Tech.(2008)	Ontology Learning, Natural language Processing	14
18	Dr. Preeti Sethi	Assistant Professor	Ph.D. (2016)	Software Agents, Wireless Sensor Networks	17
19	Dr. Ashlesha Gupta	Assistant Professor	Ph.D (2019)	Internet Technologies	14.5
20	Dr. Rashmi Popli	Assistant Professor	Ph.D. (2016)	Software Testing, Computer Security, Agile Software development	14
21	Dr. Sonali Gupta	Assistant Professor	Ph.D. (2016)	Information Retrieval , Web Mining	16
22	Sh. Sushil Kumar	Assistant Professor	M.E(2007)	Information Retrieval	16
23	Sh. Umesh Kumar	Assistant Professor	M.Tech (2010)	Wireless Security	9
24	Ms. Ayyu Gupta	Assistant Professor	M.Tech (2015)	Information Retrieval	3
25	Ms. Jyotsna Parmar	Assistant Professor	M.tech (2016)	Information Retrieval	3.5
26	Ms. Alka Chaudhary	Assistant Professor	M.Tech (2006)	Image Processing and NLP	13
27	Ms. Mamta Mahiya	Assistant Professor	M.Tech (2016)	Cloud Computing	3.5
28	Ms. Shikha Gupta	Assistant Professor	M.Tech (2014)	Big Data, Online Marketing	5
29	Ms. Raveena	Assistant Professor	M.Tech (2017)	Networking, IoT	1
30	Ms. Aayushi	Assistant Professor	M.Tech (2017)	Image Processing, Soft Computing	1
31	Ms. Shilpi	Assistant Professor	M.Tech (2016)	Software Engineering	2
32	Ms. Monika Gupta	Assistant Professor	M.Tech (2017)	Data Mining and Information Retrieval	1

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33	Dr. Rewa Sharma	Assistant Professor	Ph.D (2016)	Adhoc Networks, Data Mining, IoT	8.8
34	Ms. Shivi Garg	Assistant Professor	M.Tech (2014)	Software Engineering	5.5
35	Mr. Piyush Gupta	Assistant Professor	M.Tech (2015)	Big Data Analytics, Sentiment Analysis	3.5
36	Dr. Lalit Kumar Goyal	Assistant Professor	Ph.D (2016)	Data Mining, Approximate/ Randomized/ Probabilistic Algorithms	15

DEPARTMENTAL PUBLICATIONS & FDP/STC

Sr. No.	Particular	Count
1	Publications in International Journals	56
2	Publications in National Journals	0
3	Publications in International Conferences	10
4	Publications in National conferences	0
5	STC/FDP	40

PAPER PUBLISHED IN NATIONAL/ INTERNATIONAL JOURNALS

Sr. No.	Name of Faculty	Title, Journal, Vol., Issue, Pages, Year
1.	Dr. Komal Kumar Bhatia	<ol style="list-style-type: none"> 1. Ajay Kumar, Komal Kumar Bhatia,” Blog ranger with Categorized indexing a Multi-Faceted Blog Search Engine” International Journal of Computer Engineering and Applications, Vol 12, pp 46-53, ISSN 2321-3469, 2018. 2. Surbhi Bhatia, Manisha Sharma, Komal Kumar Bhatia, “Opinion Target Extraction with Sentiment Analysis”, International Journal of Computing, Vol 17 pp 136-142 ISSN 1727-6209, 2018.



2.	Dr. Chander Kumar Nagpal	<ol style="list-style-type: none"> 1. Dr. C.K. Nagpal, Gaurav Sharma, Shailender Gupta, Sangeeta Dhall, “Publicly Verifiable Watermarking Scheme for Intellectual Property Protection Using Quantum Chaos and Bit Plane Complexity Slicing”, Multimedia Tools and Applications, ISSN 1380-7501, 2018. 2. Mamta Kathuria, Dr. C.K. Nagpal, Neelam Duhan, “A Fuzzy Logic based Synonym Resolution Approach for Automated Information Retrieval”, International Journal of Semantic Web & Information System, vol- 14, ISSN 1552-6283, 2018. 3. Mamta Kathuria, C. K. Nagpal, Neelam Duhan,” Comparative Study on Ontology Management Approaches in Semantic Web”, International Journal of Computer Sciences and Engineering, 2018.
3.	Dr. Atul Mishra	<ol style="list-style-type: none"> 1. Anjesh Kumar, Sukrant Kathuria, Shikha Gupta, Dr. Atul Mishra, “A Survey On Bidding Optimization Techniques in Online Advertising”, JETIR, Vol. 6, Issue 3, March 2019, ISSN 2349-5162, p 655-663. 2. Sukrant Kathuria, Anjesh Kumar, Shikha Gupta, Dr. Atul Mishra, “Predicting the Click Through Rate Using Machine Learning Methodologies”, JETIR, Vol. 6, Issue 3, March 2019, ISSN 2349-5162, p 474-478. 3. Atul Mishra, S. Gupta, “Evolution of Online Marketing Tools, Approaches and Strategies With Associated Challenges A Survey.” IJTD, Vol 10, pp 60-80, ISSN 1947-9301, 2019
4	Dr. Ashutosh Dixit	<ol style="list-style-type: none"> 1. Rosy Madaan, Komal Kumar Bhatia, Ashutosh Dixit and Neelam Duhan, “A Question Answering system for mining opinions on Online Products”, Caribbean Journal of Science, Vol 53, pp 2639-2650, ISSN 0008-6452, 2019
5	Dr. Jyoti	<ol style="list-style-type: none"> 2. Priyanka Gill, Jyoti, “Challenges and Advancements in Mobile Cloud Computing”, International Journal of Research in Electronics and Computer Engineering, Vol 7, pp 100-106, ISSN 2348-2281, 2019
6	Dr. Neelam Duhan	<ol style="list-style-type: none"> 1. Huma Jameel, Neelam Duhan, Sana Shakeel, “Study of Cyberbullying Detection” SSRG International Journal of Computer Science and Engineering, Vol 6, pp 5-9, ISSN 10.14445/23488387/IJ, 2019. 2. Keerti, Neelam Duhan, Komal Kumar Bhatia, “A survey on Automatic Text Summarization with Coherence” Journal of Emerging Technologies and Innovative Research, Vol 6, pp 80-85. ISSN 2349-5162, 2019. 3. Mamta Kathuria, Chander Kumar Nagpal, Neelam Duhan, “Creation of Entity Synonyms Dictionary and its Usage for Query Reformulation A Review”, Journal of Emerging Technologies and Innovative Research, Vol 5, pp 1185-1190, ISSN 2349-5162, 2018 4. Ranjna Jain, Neelam Duhan and A K Sharma,” A Survey of IPv6



		<p>Addressing Schemes for Internet of Things”, International Journal of Hyper-connectivity and Internet of Things, IGI Global,2019</p> <p>5. Ranjna Jain, NeelamDuhhan and A K Sharma,” A Novel Method for Building Indexer for Aligning Ontologies”, International Journal of Information Retrieval Research,Oct 2018.</p>
7	Dr. Sapna Gambhir	<p>1. Nagender Aneja , Sapna Gambhir, “Profile-Based Ad Hoc Social Networking Using Wi-Fi Direct on the Top of Android”, Mobile Information Systems, Article ID 9469536, pp 1-7, 2018</p> <p>2. Sapna Gambhir, Mohit Gambhir, “Trust Analysis Techniques in Online Social Networks A Review” , International Journal of Computer Science and Engineering, Vol 7, pp 254-258, ISSN 2347-2693,2019.</p> <p>3. Mohit Gambhir, Sapna Gambhir, “Road Accident Prevention and Collision Avoidance at Intersection In VANET”, International Journal of Computer Science and Engineering, Vol 7, pp 1151-1154,2019</p> <p>4. Sapna Gambhir, Mohit Gambhir, “Survey on Various Routing Protocols for Wireless Sensor Networks”, International Journal of Scientific Research in Computer Science Applications and Management Studies, Vol 8, pp 1-5, ISSN 2455-2585, 2019</p> <p>5. Sapna Gambhir, Mohit Gambhir, “Secure Data Aggregation using Watermarking Scheme in Wireless Sensor Networks”, International Journal of Technical Innovation in Modern Engineering Science, Vol 5, pp 1263-1269, ISSN 2455-2585,2019.</p> <p>6. Sapna Gambhir, Mohit Gambhir, “Accident Prevention in VANET A Review”, International Journal of Technical Innovation in Modern Engineering Science, Vol 5,pp 1259-1262, ISSN 2455-2585, 2019</p> <p>7. Sapna Gambhir, Mohit Gambhir ,“Explicit Trust Calculation in Online Social Networks”, International Journal of Scientific Research in Computer Science Applications and Management Studies, Vol 8, pp 1-7, ISSN 2319-1953, 2019</p> <p>8. Sapna Gambhir, Madhumita Kathuria, “Dynamic priority-based packet handling protocol for healthcare wireless body area network system”, International Journal of Computational Systems Engineering, 2018.</p>
8	Dr. Parul Gupta	<p>9. Charul, Shruti Sharma, Parul Gupta, “A Review on Depression Detection using Twitter Dataset” , IJRECE, Vol 7,pp 2051-53,ISSN 2348-2281,2019.</p>
9	Ms. Shruti Sharma	<p>10. Charul, Shruti Sharma, Parul Gupta, “A Review on Depression Detection using Twitter Dataset” , IJRECE, Vol 7,pp 2051-53,ISSN 2348-2281,2019.</p>
10	Dr. Anuradha	<p>1. Prashant Dixit, AnuradhaPillai, Rahul Rishi,” QoS Enabled Improved Location Aided routing (QEILA)”, Recent Patents on Engineering, 2019</p> <p>2. Prashant Dixit, AnuradhaPillai, Rahul Rishi,” A Light Weight Efficient Cluster based routing Model for Mobile Ad-hoc</p>



		Networks (LWECM)”, International Journal of Information Technology,2019.
11	Dr. Poonam	1. Preeti Pant, Poonam,” Survey on Security Framework for CBWSNs against the Selfishness Problem”, International Journal of Research in Electronics and Computer Engineering, June 2019.
12	Dr. Preeti Sethi	1. Parvesh, Preeti Sethi, “Survey On Stability Period In The Heterogenous Clustered Wireless Sensor Network”, International Journal of Research in Electronics & Computer Engineering (IJRECE), Vol 7, pp 156-159, ISSN 2348-2281,2019 2. Pragya Kaushik, Preeti Sethi, “A Novel Regression based Technique to Estimate the Blood Pressure”, International Journal of Engineering Sciences Paradigms and Researches (IJESPR), Vol 28, pp 28-35, ISSN 2319-6564,2019
13	Ashlesha Gupta	1. Ms. Anamika Singh, Ms Shivani Mangla, Ashlesha Gupta, “A Comparison between Various sentiment Classification Techniques”,Journal of Emerging Technologies and Innovative Research,Vol object5, pp 58-63, ISSN 2349-5162,2018 2. Ms. Anamika Singh, Ashlesha Gupta, “A Novel Approach For Enhancing Sentiment Classification Accuracy of Product Reviews”, International Journal of Research and Analytical Reviews, Vol 6,pp 577-587, ISSN 2349-5138, 2019 3. Ms Shivani Mangla, Ashlesha Gupta, “A Novel Approach for Aspect based Sentiment Analysis on MicroBlogs “ , International Journal of Research and Analytical Reviews, vol 6, pp 73-83, ISSN 2349-5138, 2019.
14	Dr Rashmi Popli	4. Garima Solanki, RashmiPopli,” A survey paper on Detection and Prevention of Black Hole Attack In AODV Protocol in MANET”, An International Journal of Emerging Technologies and Innovative Research, March 2019
15	Dr. Deepika Punj	5. Kajal Rathore, Deepika Punj.” A Survey paper on Sentiment Analysis Approaches On Tweets” Journal of Emerging Technologies and Innovative Research (JETIR), Vol 6, pp 470-476, ISSN 2349-5162, 2019. 6. Laxmi Kumari, Deepika Punj, “Data Mining Approach for Prediction of Breast Cancer and its Reoccurrence A Review”, International Journal Of Management Technology and Engineering, Vol 9, pp 3122-3126, ISSN 2249-7455,2019 7. Laxmi Kumari, Deepika Punj, “Data Mining Techniques for Weather Forecasting and Climate Change Prediction System A Review”, Journal of Emerging Technologies and Innovative Research (JETIR), Vol 6, pp 191-193,ISSN 2349-5162,2019
16	Dr. Sonali Gupta	8. Aarti Rao, Sonali Gupta, “Lung Cancer Detection using Image Processing and Neural Networks” , Journal of Emerging Technologies and Innovative Research (JETIR),Vol 6, pp 112-116, ISSN 2349-5162, 2019



17	Sushil Kumar	<p>9. Sushil Kumar, Komal kumar Bhatia, “Clustering Based Approach for Novelty Detection in Text Documents”, Asian Journal of Computer Science and Technology, Vol 8, pp 121-126, ISSN 2249-0701, 2019</p> <p>10. Sushil Kumar, Komal kumar Bhatia, “A Novel Approach for Novelty Detection Using Extractive Text Summerization” Journal of Emerging Technologies and Innovative Research, Vol 6, pp 141-154, ISSN 2349-5162, 2019</p> <p>11. Pooja Goyal, Sushil Kumar, Komal Kumar Bhatia, ” Hashing And Clustering Based Novelty Detection” SSRG International Journal of Computer Science and Engineering (SSRG-IJCSE), Jun2019.</p>
18	Umesh Kumar	<p>1. Shivani Chaudhary, Umesh Kumar, Mohit Gambhir, ” Review and comparison of Mobile Agent Itinerary Planning Algorithms in WSN”, International Journal of Computer Sciences and Engineering, June 2019.</p> <p>2. Yashwant Kumar, Umesh Kumar, Mohit Gambhir, ” Security Techniques in Mobile Agents : A Review”, JETIR, May 2019.</p>
19	Rewa Sharma	<p>1. Rewa Sharma, C.K.Jha, Meha Sharma, “A Novel Scheme to Enhance Power Conservation Efficiency at Base Station in Wireless Networks”, Journal of Emerging Technologies and Innovative Research, Vol 6, pp 702-708, ISSN 2349-5162, 2019</p>
20	Jyotsna Parmar	<p>2. Jyotsna Parmar, Mahesh Kumar, “Security Techniques in Mobile Agents A Review”, Journal of Emerging Technologies and Innovative Research (JETIR), Vol 6, pp 124-129, ISSN 2349-5162, 2019</p> <p>3. Jyotsna Parmar, Gunjan, “A Review on smart antenna for wireless networks”, Journal of Emerging Technologies and Innovative Research, vol 6, pp 638-642, ISSN 2349-5162, 2019</p>
21	Shivi Garg	<p>4. Shivi Garg, Niyati Baliyan, “Data on Vulnerability Detection in Android” Data in Brief, Vol 22, pp 1081-1087, ISSN 2352-3409, 2018</p> <p>5. Shivi Garg, R.K Singh, A.K Mohapatra, “Analysis of software vulnerability classification based on different technical parameters” , Information Security Journal A Global Perspective, Vol 28, pp 1-19, ISSN 1939-3547, 2019</p>
22	Dr. Lalit Mohan Goyal	<p>6. Mamta Mittal, Amit Verma, Iqbaldeep Kaur, Bhavneet Kaur, Meenakshi Sharma, Lalit Mohan Goyal, Sudipta Roy, Tai-Hoon Kim, ” An Efficient Edge Detection Approach to Provide Better Edge Connectivity for Image Analysis”, IEEE Access, Vol 7, pp 427-437, ISSN 2169-3536, 2019.</p> <p>7. Kaur S., Bansal R. K., Mittal M., Goyal L. M., Kaur I., Verma A. Son L. H., ” Mixed pixel decomposition based on extended fuzzy clustering for single spectral value remote sensing images, Journal of the Indian Society of Remote Sensing, vol 47, pp 427-437, ISSN 0974-3006, 2019</p> <p>8. Mittal M., Goyal L. M., Hemanth D-J Sethi J. K., ” Clustering Approaches for High-Dimensional Databases A Review”, WIREs Data Mining Knowledge Discovery, John Wiley Sons, vol 9, pp 1-14, 2019</p> <p>9. Mittal M., Goyal L. M., Kaur S., Kaur I., Verma A., Hemanth D.</p>



		J.,” Deep learning based enhanced tumor segmentation approach for MR brain images”, Applied Soft Computing, vol 78,pp 346-354, ISSN 1568- 4946, 2019
23	Shikha Gupta	<p>10. Pallavi, Shikha Gupta, Dr. Atul Mishra, “Real Time Bidding With Comparative Study of Various User Responses Prediction Models”, International Journal of Advance Research in Science Engineering, Vol 7,pp 383-391, ISSN 2319-8354,2019</p> <p>11. Tanya Maan, Shikha Gupta, Dr. Atul Mishra,” A Survey on Recommendation System” , International Journal of Advance Research in Science Engineering,vol 7,pp 439-444, ISSN 2319-8354,2019.</p> <p>12. Anjesh Kumar, SukrantKathuria, Shikha Gupta, Dr.Atul Mishra, “A Survey On Bidding Optimization Techniques in Online Advertising”, JETIR, Vol. 6, Issue 3, March 2019, ISSN 2349-5162, pp 655-663.</p>

PAPER PUBLISHED IN NATIONAL/ INTERNATIONAL CONFERENCES

S. No.	Name of Faculty	Authors, Title, Conference, Dates, year, Pages
1.	Dr Naresh Chauhan	<p>1. Madan Singh,Naresh Chauhan, Rashmi Popli, “A Review on Quantitative Task Allocation in Agile Software Development”, International Conference on Sustainable Computing in Science, Technology & Management (SUSCOM-2019)</p> <p>2. Madan Singh,Naresh Chauhan, Rashmi Popli, “Review On Task Allocation Approaches In Agile Software Development,” International Conference on Data and Information Sciences (ICDIS-2019), Raja Balwant Singh Engineering Technical Campus, Bichpuri, Agra, India March 29-30, 2019.</p>
2.	Dr Parul Gupta	<p>1. Dimple Chehal, Parul Gupta, Payal Gulati,” Identifying Uninteresting items through Product reviews”, International Conference on Intelligent Machines, 15-16, March 2019, Baba Farid College of Engineering and Technology, Bathinda.</p>
3.	Dr Payal Gulati	<p>2. Suman, Payal Gulati , “Automated Prediction of tags for Stack Overflow Questions : A Survey”, 6th International Conference on “ Computing for sustainable Global Development” organized by BVICAM, INDIACom; 2019, New Delhi.</p> <p>3. Dimple Chahel, Parul Gupta, Payal Gulati, “ Identifying Uninteresting Items through Product Reviews”, International Conference on Intelligent Machines 15 - 16 March, 2019, Baba Farid College of Engineering and Technology, Bathinda.</p> <p>4. Manisha Yadav, Payal Gulati, “A Novel Approach for Extracting Pertinent Keywords for Web Image Annotation Using Semantic Distance and Euclidean Distance” Software Engineering, Advances in Intelligent Systems and Computing book series</p>

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		(AISC, volume 731), Springer, Jan 2019.
4.	Dr Preeti Sethi	1. Pragya Kaushik, Preeti Sethi," A Comprehensive Study on Blood Pressure Measurement Techniques", 4th International Conference on Computing, Communication & Automation (ICCCA)-2018, Dec 2018.
5.	Dr Rashmi Popli	1. Rashmi Popli , Madan Singh," A Review on Quantitative Task Allocation in Agile Software Development", International Conference on Sustainable Computing in Science, Technology and Management, Feb 2019 2. Rashmi Popli , Madan Singh," A Framework for Transitioning of Traditional Software Development method to Distributed Agile Software Development", Scopus Indexed 2nd Springer sponsored International Conference on "Data and Information Sciences" ICDIS 2019, Feb 2019.
6.	Dr Rewa Sharma	1. Abhinav Tayal, Harshit Arora, Karan, Meha Sharma, Rewa Sharma," Design and Implementation of a Voice Activated Smart System ", International Conference on Smart Cities, Ansal University, March 2019.

WORKSHOP/STC/INVITED TALKS/OTHER ACTIVITIES CONDUCTED

S. No.	Name of Activity	Title	Dates
1	Faculty Development Program	Data Science and Big Data Analytics	28/8/18-1/9/18
2	Expert Lecture	Cyber Security	12/2/ 2019
3	Expert Lecture	Data Analytics using Advanced Tools	11/3/2019
4	Expert Lecture	Machine Learning using Python	3/4/2019

STC/FDP/WORKSHOP/ SYMPOSIA ATTENDED (01-07-2018 to 30-06-2019)

S.No.	Name of Faculty	Name of STC/ FDP	Sponsoring Agency	Venue	Date	
					From	To
1	Dr Ashutosh Dixit	Data Science & Big Data Analytics	ICT Academy & DELL EMC	YMCAUST , Faridabad	28/08/2018	01/09/2018

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2	Dr. Jyoti	Data Science and Big Data Analytics	ICT Academy	CE, YMCAUST	28/8/18	1/9/18
		Graphics and Animation for Instructional Material Development	NITTTR, Chandigarh	YMCAUST	11/02/2019	15/02/2019
3	Dr. Parul Tomar	Life Skills Development	NITTTR, Chandigarh	YMCAUST, Faridabad	9/07/2018	13/07/2018
4	Dr. Neelam Duhan	STC on Life Skills Development	NITTTR, Chandigarh	YMCAUST, Faridabad	09/07/2018	13/07/2018
		A short term course on Data Analytics	YMCAUST	NIT Kurukshetra	26/06/2019	30/06/2019
		FDP on Data Science & Big Data Analytics	ICT Academy & DELL EMC	YMCAUST, Faridabad	28/08/2018	01/09/2018
5	Dr. Parul Gupta	Data Science & Big Data Analytics	YMCAUST	YMCAUST, Faridabad	28/08/2018	1/09/2018
		Graphics and Animation Techniques For Instructional Material Development	YMCAUST	YMCAUST, Faridabad	11/02/2019	15/02/2019
6	Dr. Anuradha	Curriculum Implementation	NITTTR	YMCAUST, Faridabad	8/10/2018	12/10/2018
		Graphics and Animation Techniques For Instructional Material Development	YMCAUST	YMCAUST, Faridabad	11/02/2019	15/02/2019
7	Dr. Poonam	Data Science & Big Data Analytics	YMCAUST	YMCAUST, Faridabad	28/08/2018	1/09/2018
		National Level Faculty Development Program on Entrepreneurship	DST	YMCAUST	16/01/2019	30/01/2019
8	Dr. Deepika	National Level Faculty Development Program on Entrepreneurship	DST	YMCAUST, Faridabad	16/01/2019	30/01/2019
		Curriculum Implementation	NITTTR	YMCAUST, Faridabad	8/10/2018	12/10/2018



9	Dr Payal	Curriculum Implementation	NITTTR	NITTTR, Chandigarh, Deptt. of Electronics Engineering, YMCAUST	8/10/2018	12/10/2018
		Graphics and Animation Techniques For Instructional Material Development	YMCAUST	YMCAUST, Faridabad	11/02/2019	15/02/2019
		Embedded World	NITTTR	NITTTR, Chandigarh, Deptt. of Electrical Engineering, YMCAUST	26/11/2018	30/11/2018
10	Ms Amita	National Level Faculty Development Program on Entrepreneurship	DST	YMCAUST, Faridabad	16/01/2019	30/01/2019
11	Dr. Preeti Sethi	Data Science & Big Data Analytics	YMCAUST	YMCAUST, Faridabad	28/08/2018	1/09/2018
		National Level Faculty Development Program on Entrepreneurship	DST	YMCAUST, Faridabad	16/01/2019	30/01/2019
12	Ms. Ashlesha Gupta	Life Skills Development	YMCAUST	YMCAUST, Faridabad	9/07/2018	13/07/2018
		National Level Faculty Development Program on Entrepreneurship	DST	YMCAUST, Faridabad	16/01/2019	30/01/2019
13	Dr. Rashmi Popli	Data Science & Big Data Analytics	YMCAUST	YMCAUST, Faridabad	28/08/2018	1/09/2018
14	Dr. Sonali Gupta	Curriculum Implementation	NITTTR	YMCAUST, Faridabad	8/10/2018	12/10/2018
		Embedded World	NITTTR	NITTTR, Chandigarh, Deptt. of Electrical Engineering, YMCAUST	26/11/2018	30/11/2018



				YMCAUST		
15	Dr. Mamta Kathuria	Graphics and Animation Techniques For Instructional Material Development	YMCAUST	YMCAUST , Faridabad	11/02/2019	15/02/2019
15	Mr Sushil	Data Science & Big Data Analytics	YMCAUST	YMCAUST , Faridabad	28/08/2018	1/09/2018
		Curriculum Implementation	NITTTR	YMCAUST , Faridabad	8/10/2018	12/10/2018
		Graphics and Animation Techniques For Instructional Material Development	YMCAUST	YMCAUST , Faridabad	11/02/2019	15/02/2019
16	Ms Shikha Gupta	Graphics and Animation Techniques For Instructional Material Development	YMCAUST	YMCAUST , Faridabad	11/02/2019	15/02/2019
17	Dr Rewa Sharma	Graphics and Animation Techniques For Instructional Material Development	YMCAUST	YMCAUST , Faridabad	11/02/2019	15/02/2019
		National Level Faculty Development Program on Entrepreneurship	DST	YMCAUST , Faridabad	16/01/2019	30/01/2019
18	Ms. Shivi	National Level Faculty Development Program on Entrepreneurship	DST	YMCAUST , Faridabad	16/01/2019	30/01/2019
		Graphics and Animation Techniques For Instructional Material Development	YMCAUST	YMCAUST , Faridabad	11/02/2019	15/02/2019
19	Dr. Lalit Mohan	Grant Writing & Management	JNU, Delhi	JNU, Delhi	26/11/2018	28/11/2018
20	Mr. Piyush Gupta	Graphics and Animation Techniques For Instructional Material Development	YMCAUST	YMCAUST , Faridabad	11/02/2019	15/02/2019
21	Ms. Raveena Aggarwal	Graphics and Animation Techniques For Instructional Material Development	YMCAUST	YMCAUST , Faridabad	11/02/2019	15/02/2019

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22	Ms. Alka Chaudhary	Data Science & Big Data Analytics	YMCAUST	YMCAUST, Faridabad	28/08/2018	1/09/2018
23	Ms. Aayushi Bansal	Graphics and Animation Techniques For Instructional Material Development	YMCAUST	YMCAUST, Faridabad	11/02/2019	15/02/2019

FACULTY SERVING IN NATIONAL COMMITTEES, INTERNATIONAL COMMITTEES, EDITORIAL BOARDS etc.

S. No.	Name of Faculty	Details
1	Dr. Komal Kumar Bhatia	Member (ISTE, IET)
2	Dr. Naresh Chauhan	Editor- in-Chief University News Letter
3	Dr. Neelam Duhane	Member (ISTE, IE, IAENG, IET)
4	Dr. Parul Tomar	Member (ISTE, IET)
5	Dr. Sapna Gambhir	Member (ISTE, IET)
6	Dr. Jyoti	Member, IET
7	Dr. Amita Arora	Member, ISTE

**All the Faculty members of the department have lifetime CSI membership

GATE/CAT/ OTHER EXAM QUALIFIED STUDENTS 2018-2019

S. No.	Name of Exam	Year	Count of Qualified Students
1	GATE	2019	22

DEPARTMENT-WISE RESPONSES (SESSION 2018-2019)

Feedback → Department ↓	Exit Survey	Alumni	Parents	Industry Experts	Peer Group
Computer Engineering	130	62	81	24	15



DEPARTMENT OF COMPUTER APPLICATIONS

**DEPARTMENT OF COMPUTER APPLICATIONS**

The department of CA has a distinguished record in both teaching and research. It has modern facilities and a dedicated technical and office staff to support the academic programs and research.

DEPARTMENT PROFILE

UG Course: BCA, B. Sc (Animation & Multimedia)

PG Course: MCA

Target Students:

Total Number of Faculty: 8(1Professor + 7Assistant Prof.)

Number of Ph.D.'s: 04

Average Experience of faculty: 10 years. (approx.)

Chairperson: Dr. Atul Mishra

DEPARTMENTAL FACILITIES

The department is well equipped with the following facilities:

Sr. No.	Facility	Count/Details
1.	Labs	4
2.	Smart class Rooms	4
3.	Lecture Halls	05
4.	Conference Room	1
5.	Seminar Halls/Projector Rooms/Research Lab	1
6.	Internet Connection	NKN line of length two km with 100 Mbps speed extensible to 1 Gbps , BSNL leased line with 10 Mbps speed
7.	Any Other Facility	Research Lab



FACULTY PROFILE

S. No.	Name	Designation	Highest Qualification with year	Area of Specialization	Total Experience (years)
1.	Dr. Atul Mishra	Chairperson	Ph.D. (2012)	Object Oriented Designs, Distributed Systems, Cloud Computing, Big Data, Network Management	27
2.	Dr. Manjeet Singh	Professor	Ph.D. (2008)	NLP, Soft Comp., AI, Comp.Net	18
3.	Dr.. Shilpa Sethi	Assistant Professor	Ph.D (20018)	Information Retrieval	14
5.	Ms. MamtaKathuria	Assistant Professor	M. Tech (2008)	Fuzzy and Web Mining	13
7.	Dr.Manvi	Assistant Professor	Ph.D.(2017)	Information Reterival	13
11.	Dr.Vedpal	Assistant Professor	Ph.d(2019)	Object Technology, Software Testing	11
12.	Ms. Chahaita	Assistant Professor	M.Sc	Animation & Multimedia	2
13.	Ms. Aditya	Assistant Professor	M.Sc	Animation & Multimedia	2
14	Ms. Arko	Assistant Professor	M.Sc	Animation & Multimedia	1

DEPARTMENTAL PUBLICATIONS & FDP/STC(01/07/2016 to 30/06/2017)

Sr. No.	Particular	Count
11.	Publications in International Journals	01
12.	Publications in National Journals	0
13.	Publications in International Conferences	0
14.	Publications in National conferences	0
15.	STC/FDP	03

Annual Report 2018-19**PAPER PUBLISHED IN NATIONAL/ INTERNATIONAL JOURNALS (01/07/2018 to 30/06/2019)**

S. No.	Name of Faculty	Title, Journal, Vol, Issue, Pages, Year
1	Sh. Vedpal	1. Vedpal , Naresh chauhan “A Technique for Regression Testing of Object Oriented Softwar” Asian Journal of Computer Science and Technology ISSN : 2249-0701 Vol. 7 No.12 Jun 2018
2	Dr.Manvi	1. ManviSiwach and Jyoti Bhardwaj, “Sentiment Analysis in Messaging Systems: a review”,Journal of Emerging Technologies and Innovative Research(JETIR), January 2019, Volume 6, Issue 1, ISSN-2349-5162 (UGC Approved) 2.

STC/FDP/WORKSHOP/ SYMPOSIA ATTENDED (01/07/2018 to 30/06/2019)

S.No.	Name of Faculty	Name of STC/ FDP	Organized by	Date	
				From	To
1	Dr.Vedpal	Embedded World	JCBUST, YMCA university of Science and Technologies	26.11.2018	30.11.2018
		Life Skills Development	JCBUST, YMCA university of Science and Technologies	09.07.2018	13.07.2018
		Graphics Animation Techniques for Instructional Material Development	JCBUST, YMCA university of Science and Technologies	11.02.2019	15.02.2019
2	Dr.Manvi	1. Life Skills Development	JCBUST, YMCA university of Science and Technologies	09.07.2018	13.07.2018
		2. Enterpreneurship	JCBUST, YMCA university of Science and Technologies	16.01.2019	31.01.2019

LIST OF PH.D. COMPLETED

S. No.	Name of Faculty	Topic	Awarding Year	Institution
1.	Dr. Vedpal	Design of Test Case Priortization Techniques for Object Oriented Systems	2019	YMCAUST
2.	Dr. Mamta Kathuria		2019	YMCAUST



DEPARTMENT OF CIVIL ENGINEERING



DEPARTMENT OF CIVIL ENGINEERING

The department of Civil Engineering established in 2018 with intake of 60 students. Separate infrastructure in terms of class room and Drawing Hall was created for the Department in 2018-19. It has modern facilities and a dedicated technical staff to support the academic programs and Laboratories.

DEPARTMENT PROFILE

UG Course: B. Tech. (Civil Engineering)
Chairperson: Dr. M. L. Aggarwal

DEPARTMENTAL FACILITIES

The department is well equipped with the following facilities:

Sr. No.	Facility	Count/Details
1.	Lab	01
2.	Lecture Halls	02
3.	Drawing Hall	01
4.	Projector Rooms	01
5.	Faculty Room	02

WORKSHOP/STC/OTHER ACTIVITIES CONDUCTED

S. No.	Name of Activity	Title	Dates
1.	One week Value Added Course/ Training Programme	One week long value addition course on “Cement, Building Material and testing” at National Council for Cement and Building Material (NCB)	7-1-2019 to 11-1-2019
2.	02 days Twinning Workshop	Structural Design and Project Management in Civil Engg.	Feb.11-12,2019
3	Two Days Twinning Workshop	Structural Design and Project Management in Civil Engg.	March 13-14,2019

INVITED TALKS/OTHER ACTIVITIES CONDUCTED

S. No.	Title	Name and address of industry/IIT expert	Dates
1.	Building Materials	Dr N.K.Tiwary, GM, National Council for Cement and Building Materials, Faridabad	4.9.2018
2.	Various Welding Processes	Sh. Shekhar Gupta , Regional Manager from Ador Welding Ltd	21.8.2018
3	Aluminium Die Casting	Sh. Satbir Singh, Plant Head, Super Auto (I) Ltd, Faridabad	24.9.2018

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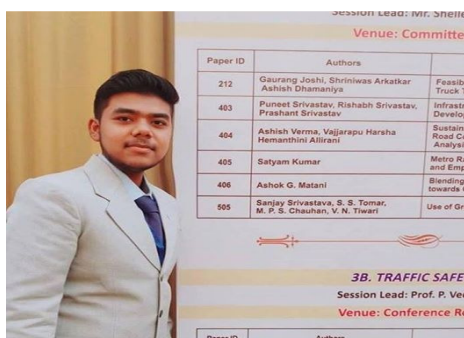


4	Metro Rail	Dr Mangu Singh, MD DMRC Faridabad	12-10-2018
5	Advances in Surveying	Sh.Rajneesh Aggarwal, GM, NHPC Faridabad	11.2.2019
6	Surveying and GIS	B.N.Mahapatra, Director General, NCB Faridabad	11.2.2019
7	Structural Design and Project Management	S. Ashok Gupta, GM(Retd), National Highway Authority Delhi	13.3.2019
8	Project Management	Dr K.N.Jha, Professor Civil Engg., IIT Delhi	13.3.2019
9	Various Welding Processes	Sh. Shekhar Gupta , Regional Manager from Ador Welding Ltd	14.3.2019

OUTSTANDING ACHIEVEMENTS 2018-2019

Satyam Kumar, a student of first year B.Tech. Civil Engineering, was selected and invited by Civil Department of IIT Roorkee to present his paper presentation in the four-day International Conference on 'Transportation Infrastructure Projects Conception to Execution-2019', organized at IIT Roorkee from 7th of January to 10th of January, 2019.

Satyam Kumar presented his paper on the topic "Metro Rail project for the growth of Infrastructure and Employability in the Area". The Conference aims to establish a network between academia and industries. The guest of this event were Professor Roger Vikerman, Emeritus Professor of European Economics, University of Kent, UK and Naoyuki Yoshino, Dean of Asian Development Bank Institute (ADBI) and Professor Emeritus at Keio University, Tokyo, Japan.



TRAINING PROGRAMMES HELD FOR STUDENTS

Date	Name of Activity	Number of Participants
14.03.2019	Stiffness Tester Training	08



**DEPARTMENT OF
PHYSICS**



DEPARTMENT OF PHYSICS

The department of Physics has a distinguished record in both teaching and research. It has modern facilities and a dedicated faculty and technical and office staff to support the academic programs and research.

DEPARTMENT PROFILE

UG Course:	B.Sc. (Hons.) PHYSICS
PG Course:	M. Sc. Physics
Ph.D. :	PHYSICS
Target Students:	300
Total Number of Faculty:	11(2Associate Prof, 9 Assistant Prof.)
Number of Ph.D.'s:	06
Average Experience of faculty:	10 years. (approx.)
Chairperson:	DR. ANURADHA SHARMA

DEPARTMENTAL FACILITIES

The department is well equipped with the following facilities:

Sr. No.	Facility	Count/Details
1.	Labs	04
2.	Workshops	Nil
3.	Lecture Halls	01
4.	Conference Room	Nil
5.	Seminar Halls/Projector Rooms/Research Lab	1
6.	Internet Connection	10
7.	Any Other Facility	
-	-	-

The Department also sponsors its faculty for Short Term Courses and Conferences on regular basis. .Dr.Arun Kumar, Dr.Kaushal Kumar, Mr. Ompal Singh and Ms.Sweta Aggarwalhave joined the department as Assistant Professor in October 2018.

FACULTY PROFILE

S. No.	Name	Designation	Highest Qualification with year	Area of Specialization	Total Experience (years)
1.	Dr. Anuradha Sharma	Associate Professor	Ph.D. (2000)	Microwaves and Materials Science	16
2.	Dr. Sonia Bansal	Associate Professor	Ph.D. (2004)	Nano Technology	15

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3	Dr. Maneesha Garg	Assistant Professor	Ph.D. (2002)	Experimental Physics	16
4	Dr. M.K. Yadav	Assistant Professor	Ph.D. (2007)	Electronics, Plasma, Communication, Astrophysics.	12 Years (UG), 10 Years (PG).
5	Dr. Parveen Kumar	Assistant Professor	Ph.D. (2012)	Materials Science	8
6	Dr. Arun	Assistant Professor	Ph.D. (2013)	Materials Sciences	5
7	Mr. Ompal Singh	Assistant Professor	M. Sc. (2012) NET (2012)	Condensed Matter Physics/Materials Sciences	-
8	Dr. Kaushal Kumar	Assistant Professor	Ph.D. (2017)	Material Science	2
9	Dr. Vandna	Assistant Professor		Material Science	
10	Ms. Aarti	Assistant Professor	M.Sc.(2007)	Materials Science	3
11	Ms. Shweta	Assistant Professor	M.Sc.(2009)	Solid State Physics	10

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DEPARTMENTAL PUBLICATIONS & FDP/STC(01/07/2018 to 30/06/2019)

Sr. No.	Particular	Count
16.	Publications in International Journals	<u>14</u>
17.	Publications in National Journals	<u>0</u>
18.	Publications in International Conferences	<u>5</u>
19.	Publications in National conferences	<u>0</u>
20.	STC/FDP	<u>13</u>

PAPER PUBLISHED IN NATIONAL/ INTERNATIONAL JOURNALS (01/07/2018 to 30/06/2019)

S. No.	Name of Faculty	Title, Journal, Vol, Issue, Pages, Year
1.	Dr. Maneesha Garg	1. A comparative study of radon levels in underground and surface water samples of Faridabad district of Southern Haryana, India, Journal of Radioanalytical and Nuclear Chemistry, March 2019, Volume 319, <u>Issue 3</u> , pp 907-916



		<p>2. A study of seasonal variations of radon, thoron and their progeny levels in different types of dwellings in Faridabad district, Southern Haryana, India", Radioanalytical and Nuclear Chemistry June 2019, Volume 320, Issue 3, pp 841–857</p> <p>3. Sessional assessment of Radon, Thoron and their progeny levels in the dwellings near the Fly Ash dumping site situated in Faridabad(Haryana), India, Research and Reviews: journal of Physics Vol 8, Issue 2, pp 1-10</p>
2	Dr. Sonia Bansal	<p>1. Vinod Chacko, Sonia Bansal and Aurangzeb Khurram Hafiz, "Omnidirectional Reflection band in multi-layered graphite film based one dimensional photonic crystal nanostructure", Journal for Foundations and Applications of Physics , vol.5,No.1 (2018) (ISSN: 2394-3688) (UGC approved journal).</p> <p>2. Advances in Materials Science and Engineering, "Review Article: Electrochemical Atomic Layer Deposition (EC-ALD) Low Cost Synthesis of Engineered Materials a Short Review" Volume 2 Issue 1 1 of 20, 2018(SCI Journal)</p> <p>3. Vinod Chacko, Sonia Bansal, and Aurangzeb Khurram Hafiz "Effect of anisotropy on the spectral characteristics of one-dimensional porous silicon photonic crystal microcavity for optical sensing applications," Journal of Nanophotonics 13(1), 016012(27/03/2019). https://doi.org/10.1117/1.JNP.13.016012 (SCI Journal) (Impact factor 1.5).</p>
3	Dr. Kaushal	<p>1. P.K. Ghosh, Kaushal Kumar and Arun Kumar "UDM processed superior acrylic resin based ZrO₂ nanoparticle reinforced composite for dental application". Materials Research Express (2019), Volume 6, Page 105404. IOP Science (Impact Factor-1.44)</p> <p>2. Arun Kumar, Kaushal Kumar, P.K. Ghosh, Ankit Rathi, K.L. Yadav and Raman "MWCNTs towards superior strength of epoxy adhesive joint on mild steel adherent". Composites Part B: Engineering (2018), Vol.143, Pages 207-216. Elsevier (Impact Factor-6.86)</p> <p>3. Arun Kumar, Kaushal Kumar, P.K. Ghosh and K.L. Yadav "MWCNT/TiO₂ hybrid nano filler toward high-performance epoxy composite". Ultrasonic Sonochemistry (2018), Vol.41, Pages 37-46. Elsevier (Impact Factor-7.27)</p>
4.	Mr. Ompal Singh	<p>1. Variation in crystal structure, magnetisation and dielectric properties with co-doping of Nd and Ba in BiFeO₃ multiferroics. Ompal Singh, Ashish Agarwal, Sujata Sanghi, Jogender Singh International Journal of Applied Ceramics Technology 16(1), 119-129, (2019)</p> <p>2. Effect of Ba and Ho co-doping on crystal structure, phase transformation, magnetic properties and dielectric properties of BiFeO₃. Jogender Singh, Ashish Agarwal, Sujata Sanghi, Tanvi Bhasin, Umesh Bhakar, Ompal Singh Current applied Physics 19, 321-331, (2019)</p>



5.	Dr.Mani Kant Yadav.	<ol style="list-style-type: none"> 1. Variability in Ionospheric Ion Temperature and Density with Varying Solar Acitivity over Low latitude F2 Region.(IJRAT IF-5.153, Vol-6, Issue-10, 2018 ISSN: 2321-9657 www.ijrat.org UGC Approved Journal No-48768) 2. Variations of ion density and temperature as measured by ROCSAT -1 Satellite over the Indian region and comparison with IRI-2016 model. (Annales of Geophysics ,IF-1.531,ISSN:2037-416X, Vol-62,2019 ,SCIE UGC Approved Doi:10.4401/ag-8131) 3. The Nonlinear wave in Semiconductor Quantum Plasma for Laser beam in a self-consistent Plasma channel. (SCIE Physics Letters A. Science Direct Ref.No:PLA-D-19-01255R1 Accepted)
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**PAPER PUBLISHED IN NATIONAL/ INTERNATIONAL CONFERENCES
(01/07/2018 to 30/06/2019)**

S. No.	Name of Faculty	Authors, Title, Conference, Dates, year, Pages
1.	Dr. Anuradha Sharma	<ol style="list-style-type: none"> 1. A review on enhanced properties of Barium Titanate doped with Rare Earth Metals. Paper presented in International Conference on Nano-structured Materials and Devices (ICNSMD-2018) in Delhi University from 17th to 20th, December, 2018. 2. “Optically Induced Ferromagnetism in III-V Dilute Magnetic Semiconductors.” Paper presented in International Conference on Nano-structured Materials and Devices (ICNSMD-2018) in Delhi University from 17th to 20th, December, 2018.
2.	Dr. Parveen Kumar	1. V Kumar, P Chhokkar, B Rani, P K Goyal and S Kumar, “Ion irradiation induced effects on the optical properties of polymers: a possible correlation with the energy loss profile”, IOP Conf. Series: Materials Science and Engineering 360 (2018) 012033.
3.	Mr. Ompal Singh	<ol style="list-style-type: none"> 1. Title: Vaidik Gram Yojna. International Conference on Development Discourse (ICDD 2019) (08 – 10 February) National Institute of Nutrition, Hyderabad 2. Title: Temperature dependence on structure and magnetism of Nd doped BiFeO₃. Recent Advances in Material Sciences and Engineering (RAMSE – 2019) (28 – 29 March 2019), Lingayas University, Faridabad. 3. Title: Crystal structure investigation of Ba doped BiFeO₃ multiferroics by Rietveld Analysis. Role of Meghnad Saha in Growth of Physics, 26 July, 2019 J. C. Bose University of Science & Technology YMCA, Faridabad



**WORKSHOP/STC/INVITED TALKS/OTHER ACTIVITIES CONDUCTED(01/07/2018
to 30/06/2019)**

S.No.	Name of Activity	Title	Dates
1	21 days Induction Program-18 for Newly admitted B.Tech. Students at JCBUST, YMCA, Faridabad	Induction Program-18	6 th Aug.to7 th Sept. 2018.
2	Expert Lecture organised for UG and PG students	Personality Development and Decision Making	02-08-2018
3	Organized BSc (H) Physics Syllabus Workshop	Workshop-I to finalize the scheme and syllabi of B.Sc.(H) Physics, Sem-V and Sem-VI	31-10-2018
4	160th Birth Anniversary of Sir Jagadish Chandra Bose by Faculty of Sciences at J.C. Bose UST, YMCA Faridabad.		on 27 th Nov. 2018
5	Organized BSc (H) Physics Syllabus Workshop	Workshop-II to finalize the scheme and syllabi of B.Sc.(H) Physics, Sem-V and Sem-VI	16-03-2019
62	A State Level Camp under Vidyarthi Vigyan Manthan (VVM), a nationwide science talent search and conducted multi-level exam	SCIENCE TALENT SEARCH FOR NEW INDIA USING DIGITAL DEVICES	20/1/2019

STC/FDP/WORKSHOP/ SYMPOSIA ATTENDED (01/07/2018 to 30/06/2019)

S.No.	Name of Faculty	Name of STC/ FDP	Organized by	Date	
				From	To
1.	Dr. Anuradha Sharma	1. Entrepreneurship		16/01/2019	30/01/2019
		2 Life Skills and Development	JC Bose University of Science and Technology, YMCA	09/07/18	13/07/18



		3 Language lab applications for communication skills	JC Bose University of Science and Technology, YMCA	15/04/19	19/04/19
2	Dr.Maneesh a Garg	1. Embedded world	NITTTR	26/11/18	30/11/18
		2 Language lab applications for communication skills	JC Bose University of Science and Technology, YMCA	15/4/19	19/4/19
3	Dr. Sonia Bansal	1. Curriculum Implementation	in association with NITTTR, Chandigarh at YMCAUST,	08/10/2018	12/10/2018
		2. International Conference for Development Discourse	National Institute of Nutrition, Hyderabad	8 /02/2019	10/02/2019
4	Dr. Parveen Kumar	1. One week Short Term Course on “Embedded Systems”	Department of Electrical Engineering in association with NITTTR, Chandigarh at JCBUST YMCA, Faridabad	26-11-2018	30-11-2018
		2. Participated in the International Conference for Development Discourse	National Institute of Nutrition, Hyderabad	08-02-2019	11-02-2019
6	Dr.Mani Kant Yadav	1. CMOS ANALOG DESIGN	NITTTR CHANDIGARH	4/2/2019.	8/2/2019.
		2. LANGUAGE LAB APPLICATION FOR COMMUNICATION SKILLS ...	J.C.BOSE UST YMCA FARIDABAD HARYANA	15/4/2019	19/4/2019.
7.	Ms. Aarti	Language lab applications for communication skills	JC Bose University of Science and Technology, YMCA	15/4/19	19/4/19
8.	Mr. Ompal Singh	“Curriculum Implementation”	NITTTR Chandigarh at J. C. Bose University of Science & Technology YMCA,	08 October 2019	12 October 2019



			Faridabad.		
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INVITED TALKS/LECTURES DELIVERED(01/07/2018 to 30/06/2019)

S.No.	Name of Faculty	Topic of delivery	Venue	Date
1.	Dr. Maneesha Garg	Critique of Science and Technology: Social Implications"	DAV college, Faridabad	19-01-2019
2.	Dr. Sonia Bansal	Delivered live lecture/s on EDUSAT network through VYAS Channel at Consortium for Educational Communication (CEC) under Inter-University Centre of UGC, New Delhi.		
3	Dr. Anuradha Sharma	Delivered expert lecture on "Photonics: The science of light"	Aggarwal College, Ballabgarh	31/01/2019

FACULTY SERVING IN NATIONAL COMMITTEES, INTERNATIONAL COMMITTEES, EDITORIAL BOARDS

S. No.	Name of Faculty	Details
1.	Dr. Maneesha Garg	1. Subject expert of the selection committee for the interviews of KVS held on 28-01-19.
		2. Subject expert of the selection committee for the interviews of DAV centenary college held on 08/01/19.
2	Dr. Sonia Bansal	1. Organizing Committee member in 3rd International Nanotechnology Conference & Expo from May 7-9, 2018 at Rome, Italy organized by Madridge International Conferences.
		2. IEEE-ICACCCN2018: International Conference on Advances in Computing, Communication Control and Networking, Galgotias College of Engineering & Technology, Greater Noida (UP), India, October 12-13, 2018.
		3. Membership of Professional Bodies: <ul style="list-style-type: none"> • Life time member of SPSTI, Chandigarh. • Life time member of Materials Research Society of India (MRSI) with membership no LMB-1761. • Senior member of International Association of Computer Science and Information

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		<p>Technology (IACSIT) with Member NO.: 80341434 (international) .</p> <ul style="list-style-type: none">• Life time member of Indian Nano-Science Society with number LM-042.• Life time member of National Environmental Science Academy (NESA) with membership no 356.• Life Member of Institution of Engineers, India Vide no. membership no: M1527007.• Life Member of Indian Science Congress, India vide no. L28701.• Life Member of Bhartiya Shikshan Mandal.
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LIST OFFACULTY UNDER WHOOM PH.D.WASAWARDED(01/07/2018 to 30/06/2019)

S. No.	Name of Faculty/Research Guide	Topic	Awarding Year	Institution
1.	Dr. Maneesha Garg	RADON, THORON AND THEIR PROGENY MEASUREMENTS IN DWELLINGS AND WORKPLACES OF SOUTHERN HARYANA, INDIA	2019	JC Bose University
2	Dr. Anuradha Sharma	Structural, optical and magnetic properties of rare earth doped ZnOnano structures	2019	JC Bose University

GATE/NET/JEST EXAM QUALIFIED STUDENTS 2018-2019

S. No.	Name of Exam	Year	Count of Qualified Students
1.	GATE	2019	11
2.	NET	2018	7
3	JEST	2019	1



**DEPARTMENT OF
CHEMISTRY**

**DEPARTMENT OF CHEMISTRY**

The department of Chemistry has a distinguished record in both teaching and research. It has modern facilities and a dedicated technical and office staff to support the academic programs and research.

DEPARTMENT PROFILE

UG Course:	B. Sc (H)
PG Course:	M.Sc
Ph.D. :	Chemistry
Target Students:	67+67
Total Number of Faculty:	6 Asst. Professor (2 Regular + 4 Contactual)
Number of Ph.D.'s:	2
Average Experience of faculty:	9 years
Chairperson:	Dr. Ashutosh Dixit

DEPARTMENTAL FACILITIES

The department is well equipped with the following facilities:

Sr. No.	Facility	Count/Details
1.	Labs	4
2.	Workshops	-
3.	Lecture Halls	-
4.	Conference Room	-
5.	Seminar Halls/Projector Rooms/Research Lab	-
6.	Internet Connection	wifi campus
7.	Any Other Facility	-



FACULTY PROFILE

S. No.	Name	Designation	Highest Qualification with year	Area of Specialization	Total Experience (years)
1.	Dr. Bindu Mangla	Asst Prof	PhD (2018)	Material chemistry and atmospheric chemistry	12
2.	Dr. Sitaram	Asst Prof	PhD (2016)	Synthetic and medicinal chemistry	5
3.	Dr. Shilpa Behl	Asst Prof	PhD (2002)	Coordination chemistry	14
4.	Dr. Vishwas Khurana	Asst Prof	PhD (2006)	synthetic organic chemistry	13
5.	Dr. Nobel Tomar	Asst Prof	PhD (2011)	Transition Metal Oxides	5
6.	Dr. Heena Gupta	Asst Prof	PhD (2018)	Thermodynamics	7

DEPARTMENTAL PUBLICATIONS & FDP/STC (01/07/2018 to 30/06/2019)

Sr. No.	Particular	Count
•	Publications in International Journals	2
•	Publications in National Journals	
•	Publications in International Conferences	4
•	Publications in National conferences	
•	STC/FDP	

PAPER PUBLISHED IN NATIONAL/ INTERNATIONAL JOURNALS (01/07/2018 to 30/06/2019)

S. No.	Name of Faculty	Title, Journal, Vol, Issue, Pages, Year
1.	Dr. Heena Gupta	<ul style="list-style-type: none"> Excess molar enthalpies for [Bmmim][BF₄] + [Bmim][BF₄] or [Emim][BF₄] + cyclopentanone or cyclohexanone mixtures, J. Therm. Anal. Calorim., 2018.
2.	Dr. Shilpa Behl	<ul style="list-style-type: none"> "Extraction of Essential oil and identification of clove oil by cleverger Apparatus and chromatographic analysis", International Journal of Emerging Technologies and Innovative Research , vol. 6 Issue 6, 2019



**PAPER PUBLISHED IN NATIONAL/ INTERNATIONAL CONFERENCES
(01/07/2018 to 30/06/2019)**

S. No.	Name of Faculty	Authors, Title, Conference, Dates, year, Pages
1.	Dr Bindu Mangla	• Bindu Mangla, 'Nanotechnology: Opportunities And Challenges In Food Industry', 6 th World Congress on Nanomedical Sciences, 7-9 Jan 2019.
		• Bindu Mangla, 'Topside Ionosphere Composition and its Variation with Solar Activity', National Space Science Symposium, 29-31 Jan 2019
2.	Dr. Vishwas Khurana	• Vishwas Khurana. "Synthesis of new 3-cinnamoyl-6-methyl-4-(2-methyl-6-styryl-4-pyrano-3-yl)-2-pyrones". (Poster Presentation). 2 nd International Conference on Innovations in Chemical, Biological & Environmental Sciences (Science and Technology for a Sustainable Future) ICICBES-2019. Arya Post Graduate College, Panipat, Haryana, Feb 27-28, 2019. PP-100
3.	Dr. Shilpa Behl	• Dr. Shilpa Behl, "Synthesis, structure and chemistry of vanadium complexes". 2 nd international conferences on Innovations in chemical, Biological & Environmental Sciences (Science and Technology for a sustainable Future) on Feb. 27-28 2019 ICICBES-2019. Arya Post Graduate College, Panipat, Haryana, Feb 27-28, 2019. PP-83

**WORKSHOP/STC/INVITED TALKS/OTHER ACTIVITIES CONDUCTED
(01/07/2018 to 30/06/2019)**

S. No.	Name of Activity	Title	Dates
1	Expert lectures	"Laws of Thermodynamics"	25 th and 26 th Feb. 2019
2.	One day Workshop	AFM	17.01.2019



**DEPARTMENT OF
MATHEMATICS**



DEPARTMENT OF MATHEMATICS

The department of Mathematics has a distinguished record in both teaching and research. It has modern facilities and a dedicated technical and office staff to support the academic programs and research.

DEPARTMENT PROFILE

UG Course:	B.Sc. (Honours)
PG Course:	M.Sc. (Mathematics)
Ph.D. :	Mathematics
Total Number of Faculty:	08 (01 Associate Prof. + 07 Assistant Prof.)
Lab Assistant:	01
Number of Ph.D.'s:	05
Average Experience of faculty:	10 years. (approx.)
Chairperson:	Dr. Neetu Gupta

DEPARTMENTAL FACILITIES

The department is well equipped with the following facilities:

Sr. No.	Facility	Count/Details
1.	Labs	01
2.	Faculty Room	03

The Department also sponsors its faculty for Short Term Courses and Conferences on regular basis. Dr. Arpita Chatterjee and Dr. Ramu Dubey has joined the department as Assistant Professor in 2018.

FACULTY PROFILE

S. No.	Name	Designation	Highest Qualification with year	Area of Specialization	Total Experience (years)
1.	Dr. Neetu Gupta	Associate Professor & Chairman	Ph.D. (2011)	Queuing Theory	15 years
2.	Ms. Jyoti	Assistant Professor	Ph.D. (Pursuing)	Operations research	13 years

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3.	Dr. Reena Garg	Assistant Professor	Ph.D. (2013)	Operations Research, Applied Mathematics	15 years
4.	Ms. Nisha Singh	Assistant Professor	Ph.D. (Pursuing)	Pure Mathematics	8.5 years
5.	Dr. Arpita Chatterjee	Assistant Professor	Ph.D. (2010)	Quantum Optics and Quantum Information Processing	9 years
6.	Dr. Ramu Dubey	Assistant Professor	Ph.D. (2016)	OPTIMALITY CONDITIONS AND DUALITY RELATIONS FOR SOME NONLINEAR PROGRAMMING PROBLEMS	7 years
7.	Dr. Pooja Gupta	Assistant Professor	Ph.D. (2018)	Approximation Theory	2 years
8.	Ms. Hemlata Aggarwal	Assistant Professor	Ph.D. (Pursuing)	Pure Mathematics	7 Years

DEPARTMENTAL PUBLICATIONS& FDP/STC(01/07/2018 to 30/06/2019)

Sr. No.	Particular	Count
21.	Publications in International Journals	<u>10</u>
22.	Publications in National Journals	<u>00</u>
23.	Publications in International Conferences	<u>00</u>
24.	Publications in National conferences	<u>00</u>
25.	STC/FDP	<u>00</u>

**PAPER PUBLISHED IN NATIONAL/ INTERNATIONAL JOURNALS
(01/07/2018 to 30/06/2019)**

S. No.	Name of Faculty	Title, Journal, Vol, Issue, Pages, Year
1.	Dr. Reena Garg	5. International Journal of Engineering Sciences & Research Technology, Vol 7 ,Issue 2 ,July 18.
2.	Ms. Jyoti	4. "Factors involved in successful implementation of Vendor Managed Inventory and its structural model" International Journal of Research in Engineering Application & Management, 4, 11, 2019.

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		5. "Quantification of benefits of Applying Vendor Managed Inventory for a Manufacturer using Graph Theoretic Approach" International Journal of Research in Engineering Application & Management, 5, 2, 2019.
6.	Dr. Arpita Chatterjee	1. "Dynamics of a deformed atom cavity field system in presence of a Kerr-like medium", J. Mod. Opt. 66 (6) 898 (2019).
7.	Dr. Ramu Dubey	1. " Symmetric duality results for a nondifferentiable multiobjective programming problem with support function under strongly assumptions." RAIRO-Operations Research, 53 (2), 2019, 539-558.
		2. Duality results for a class of mixed type dual models under type-I functions, Ramu Dubey, Nonlinear Studies, 26,541-556 (2019).
		3. Higher-order symmetric duality in nondifferentiable multiobjective fractional programming problem over cone constraints, Statistics, Optimization and Information Computing, (2020), DOI:10.19139/soic-2310-5070-601.
		4. Nondifferentiable G-Mond-Weir type multiobjective symmetric fractional problem and their duality theorems under generalized assumptions Symmetry, 2019, 11, 1348; doi:10.3390/symm11111348.
		5. Nondifferentiable higher-order duality theorems for new type of new of dual model under generalized functions, Proyecciones Journal of Mathematics, 39, 15-29 (2020).
		6. Duality relations for second-order programming problem under (G, α) -bonvexity assumptions, Asian-European Journal of Mathematics, 13 (1), 2018, DOI: 10.1142/S1793557120500448.

WORKSHOP/STC/INVITED TALKS/OTHER ACTIVITIES CONDUCTED(01/07/2018 to 30/06/2019)

S.No.	Name of Activity	Title	Dates
1.	One day seminar	Mathematics	Sep. 14, 2018
2.	One day workshop	"IPR: Current Scenario" and "R-Programming and Statistics"	April 18, 2019.
3.	Expert Talk	Mathematical Modeling & Simulation	April 23, 2019

STC/FDP/WORKSHOP/ SYMPOSIA ATTENDED (01/07/2018 to 30/06/2019)

S.No.	Name of Faculty	Name of STC/ FDP	Organized by	Date	
				From	To
1.	Reena Garg	1. Life Skills Development	YMCA, FARIDABAD	9-7-18	13-7-18

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		2. Curriculum Implementation	YMCA,FARIDABAD	8-10-18	12-10-18
		3. 3. Language Lab Application for Communication Skills	J.C.Bose University ,YMCA Faridabad	15-4-19	19-4-19

FACULTY SERVING IN NATIONAL COMMITTEES, INTERNATIONAL COMMITTEES, EDITORIAL BOARDSetc.

S. No.	Name of Faculty	Details
1.	Dr. Reena Garg	5. Life Time Member, FIM 6. Life Time Member,ISTE 7. Life Time Member,IMS 8. Life Time Member,ISCA 9. Life Time Member,RMS 10. Life Time Member,ISPS 11. Member,IAENG 12. Member Editorial Board,IJEMR 13. Member Reviewer Bord,IJRET
6.	Ms. Jyoti	1. Indian mathematical association(IMA) member



**DEPARTMENT OF
ENVIRONMENTAL SCIENCES**



DEPARTMENT OF ENVIRONMENTAL SCIENCES

The department of Environmental Sciences has a distinguished record in both teaching and research. It has modern facilities and a dedicated technical and office staff to support the academic programs and research.

DEPARTMENT PROFILE

PG Course:	M. Sc in Environmental Sciences
Ph.D. :	Environmental Sciences
Target Students:	35
Total Number of Faculty:	6 :- 1 Professor (Adjunct Faculty), 5Assistant Professors (1 SFS + 2 Contractual + 2 Guest faculty)
Number of Ph.D.'s:	02
Average Experience of faculty:	10 years. (approx.)
Chairperson:	Prof. Ashutosh Dixit

DEPARTMENTAL FACILITIES

The department is well equipped with the following facilities:

Sr. No.	Facility	Count/Details
1.	Labs	2
2.	Workshops	-
3.	Lecture Halls	-
4.	Conference Room	-
5.	Seminar Halls/Projector Rooms/Research Lab	-
6.	Internet Connection	Yes
7.	Any Other Facility	-

FACULTY PROFILE

S. No.	Name	Designation	Highest Qualification with year	Area of Specialization	Total Experience (years)
1.	Dr. Renuka Gupta	Faculty in charge	Ph.D. (2010)	Environment Pollution Management	10

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2	Prof. K.L.Dua	Adjunct Faculty	Ph.D	Botany	42
3.	Mrs. Anita Girdhar	Assistant Professor	M.Sc, NET	Environment Biology	4
4	Mrs. Monika Mago	Assistant Professor	M.Sc, NET	Environment Sciences	4.5
5	Ms Rinkesh Yadav(G.F.)	Assistant Professor	M.Sc, NET	Environment Sciences	6 months
6	Ms. Kanchan Dohrey(G.F.)	Assistant Professor	M.Sc, NET	Environment Sciences	2 months

DEPARTMENTAL PUBLICATIONS & FDP/STC (01/07/2018 to 30/06/2019)

Sr. No.	Particular	Count
1.	Publications in International Journals	—
2.	Publications in National Journals	—
3.	Publications in International Conferences	—
4.	Publications in National conferences	—
5.	STC/FDP	<u>2</u>

WORKSHOP/STC/INVITED TALKS/OTHER ACTIVITIES CONDUCTED (01/07/2018 to 30/06/2019)

S. No.	Name of Activity	Title	Dates
1.	Student Awareness Programme	International Earth Day	19 April 2018
2.	Tree Plantation Campaign	Adopt A Tree	14 Aug-28 August 2018
3.	Invited Talk	Renewable Energy Prospects	31 August 2018
4.	Invited Talk	Natural Disaster Management	11th-12th October 2018
5	Seminar	Disaster Management and Cleanliness	22nd October 2018

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5	Invited Talk	Mathematical Modelling on Atmospheric Pollution'	13th March 2019
6	Student Awareness Programme - Water Day Celebration	On the spot poster making and slogan writing competition on theme 'Water Conservation – Need and duty too'	29th March 2019

STC/FDP/WORKSHOP/ SYMPOSIA ATTENDED (01/07/2018 to 30/06/2019)

S.No.	Name of Faculty	Name of STC/ FDP	Organized by	Date	
				From	To
1.	Dr. Renuka Gupta	1. Climate Change & Sustainable Infrastructure Development 2. Research Methods and Data Analysis Tools in Business Applications.	Civil Engineering Department, JCBUST, YMCA, Faridabad Department of Management Studies, JCBUST, YMCA, Faridabad	4 th June 2018	9 th June 2018
				29 th April	4 th May 2019
2.	Mrs. Anita Girdhar	1. Climate Change & Sustainable Infrastructure Development 2. Research Methods and Data Analysis Tools in Business Applications.	Civil Engineering Department, JCBUST, YMCA, Faridabad Department of Management Studies, JCBUST, YMCA, Faridabad	4 th June 2018	9 th June 2018
				29 th April	4 th May 2019
3.	Mrs. Monika Mago	1. Climate Change & Sustainable Infrastructure Development	Civil Engineering Department, JCBUST, YMCA, Faridabad	4 th June 2018	9 th June 2018

FACULTY SERVING IN NATIONAL COMMITTEES, INTERNATIONAL COMMITTEES, EDITORIAL BOARDS etc.

S. No.	Name of Faculty	Details
1.	Dr. Renuka Gupta	1. Life member, Indian Nuclear Society(INS), Anushaktinagar(Mumbai)
		2. Life member, Biotechnology Research Society of India (BRSI), Trivandrum
		3. Life member, Indian Science Congress Association, Kolkata
		4. Life member, National Environmental Science Academy, New Delhi

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		5. Life member, Indian Society for Technical Education, New Delhi
		6. Life member, Indian Association of Air Pollution Control, New Delhi
2	Mrs. Anita Girdhar	1 Life member, Indian Association of Air Pollution Control, New Delhi

GATE/CAT/ OTHER EXAM QUALIFIED STUDENTS 2018-2019

S. No.	Name of Exam	Year	Count of Qualified Students
1.	UGC-NET	July 2018	7
2	UGC-NET	December 2018	4
3	UGC-NET	July 2019	1



DEPARTMENT OF HUMANITIES

**DEPARTMENT PROFILE**

The Faculty of Journalism and Mass Communication of Department of Humanities has a distinguished record in both teaching and research. It has modern facilities and a dedicated technical and office staff to support the academic programs and research.

UG Course: B.A (JMC)
P.G Course M.A. (JMC)
Chairperson: Prof. Atul Mishra

DEPARTMENTAL FACILITIES

The department is well equipped with the following facilities:

Sr. No.	Facility	Count/Details
1.	Lab	01 with Audio Video facility.
2.	Class Rooms	02
3.	Lecture Hall	01 in association With Civil Engg.Department.
4.	Internet Facility	Yes ,at every Terminal
5.	Faculty Room	01

WORKSHOP/STC/OTHER ACTIVITIES CONDUCTED

S.No.	Name of Activity	Title	Dates
1.	Launch of departmental newspaper 'Sanchar'	Newspapers of the students were launched.	18 th March 2019
2.	Film Festival Organised	Indogma	16-18 Nov 2018
3.	National Media Festival	Optics	18-19 th March 2019
4.	Visit to India TV	Students of B.A.(JMC) went to see the production of Famous Show AAP KI ADALAT hosted by veteran Journalist Rajat Sharma Famous actor Govinda was invited in the show	25-07-19
5.	One day workshop	One day workshop on Google Fact Check, Fake News, Fakephotographs, Fake Post.	28-08-19
6.	Orientation Programme	Orientation programme was organised	30-08-19
7.	Visit to All India Radio, New Delhi	MAJMC first Year students visited All India Radio New Delhi to see the functioning of a Radio Station.	3-09-19
8.	Visit to Gyandarshan	JMC students visited IGNOU - Gyandarshan, to see the functioning of a T.V. Channel.	04-09-19

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9.	Hosted a famous Show Dungal of AajTak TV hosted by Famous News Anchor Rohit Sardana.	Hosted a famous Show Dungal of AajTak TV hosted by Famous News Anchor Rohit Sardana.	11-10-19
10.	Attended a One day Seminar organised by BBC.	Students attended the programme on 100 famous women Organised by BBC at LodhiRoad, Delhi on	22-10-19

INVITED TALKS/WORKSHOP/CONFERENCE ATTENDED

S. No.	Name of Activity	Title	Dates
1	One day Workshop	Google Data Verification Boot Camp, Gurugram	11.09.2019
2.	Attended International Conference at Lodhi Road, Delhi.		29 th Nov
	One day workshop	Outcome Based education and Attainment	6.12.2019
4.	Media Consultancy	Jashn-e-Faridabad, Faridabad Literary & Cultural Centre	21.12.2019
5	Special Lecture by Dr Ravi Dhar	Introduction to Communication and Mass Communication	22-10-2019
6	Dr. H.O.Srivastva	Field recording Skills, Live Studio Broadcast with multiple sources and Journey of Sound Analog and Digital	6-11-19
7	One Day Workshop By Mr. Rajendra Chugh	On Radio News Production	7-11-2019

. No.	Name of Exam	Year	Count of Qualified Students
1.	NET	2019	01

OUTSTANDING ACHIEVEMENTS -2018-2019

Students of mass communication covered the visit of NBA in November 2019. In a very professional manner they covered the visit. For these efforts students were awarded by the university.



**DEPARTMENT OF
MANAGEMENT STUDIES**



DEPARTMENT OF MANAGEMENT STUDIES

The Department of Management Studies aims to promote academic growth by offering high quality PG and Doctoral programs. The department was established in 2008. It offers MBA with specialization in Finance, Marketing and HR with intake of 60 students. The doctoral program was started in 2011. The Department has well educated and research oriented experienced faculty members. The department has modern and well equipped infrastructure facilities. From session (2017-19) the department has introduced MBA (retail, e commerce, supply chain and Travel & Tourism). The intake of students in this program is 60 students. From this session (2018-19) the department has introduced BBA (Gen) with intake of 60 students.

DEPARTMENT PROFILE

PG Course:	MBA
UG Course:	BBA
Target Students:	For MBA open for all graduates through Entrance Test, For BBA open for all 12 th pass students
Ph.D.:	Management
Total Number of Faculty:	09 (01 Professor+ 02 Associate Prof. + 06 Assistant Prof.) along with four contractual faculty and one Adjunct faculty
Number of Ph.D.'s:	08
Average experience of faculty:	15 years (Approx.)
Dean:	Dr. Arvind Gupta
Chairperson:	Dr Ashutosh Nigam

DEPARTMENTAL FACILITIES

The department is well equipped with the following facilities:

Sr. No.	Facility	Count/Details
1.	Labs	01
2.	Workshops	03
3.	Lecture Halls	01



4.	Conference Room	03
5.	Seminar Halls/Projector Rooms/Research Lab	Internet facility for staff and students
6.	Internet Connection	Staff provided with Laptop/Desktop
7.	Any Other Facility	-
-	-	-

The Department also sponsors its faculty for Short Term Courses and Conferences on regular basis. Dr Anushree Chauhan and Dr. Rupali Madan, faculty in the department has successfully completed his Ph.D. degree during this academic year. Dr Ashutosh Nigam has joined the department as Professor in May 2018.

FACULTY PROFILE

S. No.	Name	Designation	Highest Qualification with year	Area of Specialization	Total Experience (years)
1.	Dr. Ashutosh Nigam	Professor	Ph.D. (2005)	Marketing and General Management	17
2.	Dr. Manisha Goel	Associate Professor	Ph.D (2008)	Consumer Behaviour and Finance	20
3.	Dr. Rachna Agrawal	Associate Professor	Ph.D (2009)	Finance	17
4.	Ms. Rupali Madan	Assistant Professor	Ph.D (2019)	Marketing	13
5.	Ms. Anushree Chauhan	Assistant Professor	Ph.D (2019)	Human Resource	12
6.	MsNeha Goyal	Assistant Professor.	Ph.D (2017)	Finance	12
7.	Ms. Jyotsana Chawla	Assistant Professor	M Phil (2006)	Finance	12
8.	Dr.Rajiv Sindwani	Assistant Professor	PhD (2017)	Marketing	14
9.	Dr. Renu Aggarwal	Assistant Professor	Ph.D (2011)	Finance	16



DEPARTMENTAL PUBLICATIONS & FDP/STC (01/07/2018 to 30/06/2019)

Sr. No.	Particular	Count
6.	Publications in International Journals	<u>14</u>
7.	Publications in National Journals	<u>1</u>
8.	Publications in International Conferences	
9.	Publications in National conferences	
10.	STC/FDP	<u>3</u>

PAPER PUBLISHED IN NATIONAL/ INTERNATIONAL JOURNALS (01/07/2018 to 30/06/2019)

S. No.	Name of Faculty	Title, Journal, Vol, Issue, Pages, Year
1.	Dr Ashutosh Nigam	1. Ashutosh Nigam (2018) Conceptual development of transfer of brand loyalty in brand stretching , World Review of Entrepreneurship, Management and Sustainable Development , World Review of Entrepreneurship, Management and Sustainable Development, 2018 Vol.14 No.6, pp.730 - 736
		2. Ashutosh Nigam and Sima Kumari (2018) Green practices for sustainability of quick service chain restaurants business: an empirical investigation World Review of Entrepreneurship, Management and Sustainable Development , World Review of Entrepreneurship, Management and Sustainable Development, 2018 Vol.14 No.6, pp. 717 – 729
		3. Ashutosh Nigam and Anjali Grover , “Brand Equity Predictors A Study of Automobile Industry, International Journal of Engineering, Applied and Management Sciences Paradigms, Volume 52, Issue 02, Quarter 02 April-May-June 2018,9-22



2	Dr Manisha Goel	<p>1. Goel, M., & Joshi, B. P. (2018). A Comparative Study of Level of Customer Satisfaction after Merger and Acquisitions in Banking Sector in India. <i>ANVESHAK-International Journal of Management</i>, 7(2), 9-20.</p> <p>2. Chauhan, A., Goel, M., & Arora, R. G. (2018). Relational study of academicians' motivation and organisation performance through graph theory. <i>IIMS Journal of Management Science</i>, 9(3), 218-237.</p> <p>3. Chauhan, A., Goel, M., & Arora, R. G. (2018). Motivation Among Higher Education Academicians: A Journey Through Literature Survey. <i>Amity Global HRM Review</i>, 8.</p> <p>4. Chauhan, A., Goel, M., & Arora, R. G. (2018). Examining motivation level among academician across . <i>CU Global Management Review</i>, 7(2),45-60.</p> <p>5. Chauhan, A., Goel, M., & Arora, R. G. (2018). Impact of Organisational Variables on Higher Education Academicians. <i>Asian Journal of Management</i>, 9(4), 1259-1272.</p> <p>6. Sharma, N., & Goel, M. (2018). An Analysis of Innovative HRM Practices in IT Sector in India. <i>ANVESHAK-International Journal of Management</i>, 8(1), 52-70</p> <p>7. Goel, M., & Sharma, C. B. (2019). A Relationship between Emotional Intelligence, Job Performance and Life Satisfaction in IT Sector in India. <i>Journal of Emerging Technologies and Innovative Research</i>, 6(1),430-435</p> <p>8. Goel,M., Sindwani,R.Chauhan,A.,& Sharma,B. (2019) An Analysis of Level of Customer Satisfaction in FMCG sector. <i>Pacific Busniess Review International</i>, 11(10), 18-27.</p> <p>9. Manisha, Goel,M., Sharma, R.(2019).To find out factors affecting adoption of innovation in online shopping of consumer electronic products-Literature Review. <i>Journal of Advances and Scholaly Research in Allied Education</i>, 16(6),695-701</p>
3	Dr Rachna Aggarwal	<p>1. Jyotsana chawla, Dr. Rachna Agrawal, Dr. Bhavna Sharma A comparative study of unorganized and organized retailing in India, <i>JETIR(Journal of Emerging Technologies and Innovative Research)</i>, March 2019, Vol 6 issue 3</p>
		<p>2. Madan, R., Agrawal, R., &Matta, M. G. (2018). A Study of Comparison of Private and Public Sector Banks Regarding Various Aspects of Relationship Marketing. <i>International Journal on Customer Relations</i>, 6(1), 65.</p>
4	Dr Rajiv Sindhwani	<p>Manisha Goel, Rajiv Sindwani, Anushree Chauhan, Bhawna Sharma, "An Analysis of Level of Customer Satisfaction in FMCG sector". <i>PBRI</i>, Vol. 11, No.10, pp. 18-27. (2019).</p>
5	Dr Rupali Madan	<p>Madan, R., Agrawal, R., &Matta, M. G. (2018). A Study of Comparison of Private and Public Sector Banks</p>



		Regarding Various Aspects of Relationship Marketing. International Journal on Customer Relations, 6(1), 65.
6	Dr Anushree Chauhan	1. Manisha Goel, Rajiv Sindwani, Anushree Chauhan, Bhawna Sharma, "An Analysis of Level of Customer Satisfaction in FMCG sector". PBRI, Vol. 11, No.10, pp. 18-27. (2019). 2. Anushree Chauhan, Manisha Goel, Ritu Gandhi Arora, Relational study of academicians motivation and organisation performance through Greaph Theory, IIM Shillong Journal of Management Science. Vol 9, N0.3 Sept- Dec 2018, pp. 218-237
		3. Chauhan, A., Goel, M., & Arora, R. G. (2018). Motivation Among Higher Education Academicians: A Journey Through Literature Survey. Amity Global HRM Review, 8.
		4. Chauhan, A., Goel, M., & Arora, R. G. (2018). Examining motivation level among academician across . CU Global Management Review, 7(2),45-60.
		5. Chauhan, A., Goel, M., & Arora, R. G. (2018). Impact of Organisational Variables on Higher Education Academicians. Asian Journal of Management, 9(4), 1259-1272.
7	Jyotsana Chawala	Jyotsana chawla, Dr. Rachna Agrawal, Dr. Bhavna Sharma A comparative study of unorganized and organized retailing in India, JETIR(Journal of Emerging Technologies and Innovative Research), March 2019, Vol 6 issue 3
8	Dr Renu Aggarwal	Mittal S, KrishanGarg, Renu Aggarwal A paper published in "Journal of Financial Crime" Scopus indexed and ABDC ranked Emerald publication titled "a Comparative study of retail Banking Practices in Compliance with Regulatory Standard.

**PAPER PUBLISHED IN NATIONAL/ INTERNATIONAL CONFERENCES
(01/07/2018 to 30/06/2019)**

S. No.	Name of Faculty	Authors, Title, Conference, Dates, year, Pages
1.	Dr Renu Aggarwal	Presented a paper titled "Skill India: A Mission Towards Strong India" in DHE sponsored National conference organized by Aggarwal College Ballabgarh from 24-25 Nov.2018 on Entrepreneurship Development



		Presented a paper titled, "Financial lives of migrant workers at Delhi NCR" in 71 st All India Commerce Conference at Osmania University Hyderabad held on 20-22 Dec. 2018.
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**WORKSHOP/STC/INVITED TALKS/OTHER ACTIVITIES CONDUCTED
(01/07/2018 to 30/06/2019)**

S. No.	Name of Activity	Title	Dates
1.	Dr Renu Aggarwal and Dr Neha Goyal organized as a Coordinator one week workshop in Association with QT Analytics TM . Delhi.	"Research Methods And Data Analysis Tools In Business Applications"	29 th April- 04 th May 2019
2.	Dr Rachna Aggarwal and Dr Anushree Chauhan organised a FDP in association with NITTTR, Chandigarh	Life skills Development	9 to 13 th July, 2018
3	Dr Manisha Goel and Ms Sonali Gupta	Sketching, Rangoli, Drawing competition	15-20 th oct, 2018
4	Dr Manisha Goel and Ms Sonali Gupta	Alumni Meet	21 st oct 2018
5	Dr Manisha Goel , Mr Munish and Ms Sonali Gupta	Industrial visit to Hotel Taj	24 th sep, 2018
6	Dr Manisha Goel , Mr Munish and Ms Sonali Gupta	Industrial Visit to Yakult danone india pvt ltd, sonapat	10th oct, 2018
7	Dr Manisha Goel , Mr Munish and Ms Sonali Gupta	Educational tour of Travel and Tourism students to Paryatan Parv, New Delhi	25th sep, 2018.



STC/FDP/WORKSHOP/ SYMPOSIA ATTENDED (01/07/2018 to 30/06/2019)

S.No.	Name of Faculty	Name of STC/ FDP	Organized by	Date	
				From	To
1	Dr Ashutosh Nigam	Research methods and data analysis tools in business applications	JCBUST, YMCA, Faridabad	29.04.2019	04.05.2019
2.	Dr Manisha Goel	Research methods and data analysis tools in business applications	JCBUST, YMCA, Faridabad	29.04.2019	04.05.2019
		Life skills development	NITTTR, Chandigarh	09.07. 2018	13.07. 2018
		Two days Training Program on Financial Management and PFMS	UIET, Chandigarh	14.07.2018	15.07.2018
		Research & professional Skills	NIT, KU	27.05.2019	31.05.2019
		Finance on Non finance Executives	IIM Calcutta	8.06.2019	12.06.2019
3.	Dr Rachna Aggarwal	1. Life skills development	NITTTR, Chandigarh	09.07. 2018	13.07. 2018
		2. Entrepreneurship	JCUST, YMCA, Faridabad	16.01.2019	30.01.2019



		3. Research methods and data analysis tools in business applications	JCBUST, YMCA, Faridabad	29.04.2019	04.05.2019
4	Rajiv Sindwani	1. Life skills development	NITTTR, Chandigarh	09.07. 2018	13.07. 2018
		2. Entrepreneurship	JCUST, YMCA, Faridabad	16.01.2019	30.01.2019
		3. Research methods and data analysis tools in business applications	JCBUST, YMCA, Faridabad	29.04.2019	04.05.2019
5	Dr Anushree Chauhan	1. Life skills development	NITTTR, Chandigarh	09.07. 2018	13.07. 2018
		2. Entrepreneurship	JCUST, YMCA, Faridabad	16.01.2019	30.01.2019
		3. Research methods and data analysis tools in business applications	JCBUST, YMCA, Faridabad	29.04.2019	04.05.2019
6	Dr Renu Aggarwal	1. Attended one week workshop on “Research Methods And Data Analysis Tools In Business Applications”	JCBUST, YMCA, Faridabad in Association with QT Analytics™. Delhi	29.04.2019	04.05.2019
		2. Attended NITTTR sponsored one week STC on “life skill development”	JCBUST, YMCA, Faridabad	9 th July 2018	14 th July 2018

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7	Dr Rupali Madan	Research methods and Data analysis Tools in Business applications	JCBUST YMCA Faridabad	29.04. 2019	04.05. 2019
8	Dr Neha	Short term course on " Life Skills Development"	NITTR, AICTE	09.07.2018 to	13.07.2018
		FDP on " Entrepreneurship"	Department of Science and Technology (DST-NIMAT), Government of India	16th Jan 2019 to	. 30th Jan 2019
		Research Methods and Data Analysis Tools in Business Applications	Department of Management Studies, JCBUST, YMCA and QTanalytics	29th April 2019-	4th May 2019
9	Jyotsana Chawala	Short term course on " Life Skills Development"	NITTR, AICTE	09.07.2018 to	13.07.2018
		Research Methods and Data Analysis Tools in Business Applications	Department of Management Studies, JCBUST, YMCA and QTanalytics	29th April 2019-	4th May 2019

INVITED TALKS/LECTURES DELIVERED (01/07/2018 to 30/06/2019)

S.No.	Name of Faculty	Topic of delivery	Venue	Date
1.	Dr Renu Aggarwal acted as a resource person for national level "Women Entrepreneurship Development Programme"(WEDP)	Product Costing, cost Consciousness and Break Even Point.	MR International institute of research and Studies sponsored by DST under NIMAT scheme	16 th March 2019

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	organized by on on			
2.	Dr. Renu Aggarwal delivered a guest lecture	Indian economy and financial system	Aggarwal College Ballabgarh	8 th Sept.2018

FACULTY SERVING IN NATIONAL COMMITTEES, INTERNATIONAL COMMITTEES, EDITORIAL BOARDS etc.

S. No.	Name of Faculty	Details
1.	Dr. Manisha Goel	7. Member, Indian Commerce Association

LIST OF PH.D. COMPLETED (01/07/2018 to 30/06/2019)

S. No.	Name of Faculty	Topic	Awarding Year	Institution
1.	Anushree Chauhan	Multilevel Motivation System Designing for Organization's Performance Enhancement	2019	JCBUST, YMCA, Faridabad
2.	Rupali Madan	Relationship Marketing in Banking Sector	2019	JCBUST, YMCA, Faridabad

GATE/CAT/ OTHER EXAM QUALIFIED STUDENTS 2018-2019

S. No.	Name of Exam	Year	Count of Qualified Students
1.	NET	2018-19	02

OUTSTANDING ACHIEVEMENTS 2018-2019

GATE/ CAT/ OTHER EXAM QUALIFIED STUDENTS 2018-2019

S. No.	Name of Exam	Year	Count of Qualified Students
1	NET	2018-19	02
2	State Government Services	01(Priya Yadav MBA-I-35-2K17)	Sub Inspector in Haryana Police Roll No. 3185025801



CANDIDATE COMPLETED/DOING PH.D.

S.No.	Name of the Supervisor	Name of the Ph.D. Scholar	Mode of Ph.D. (Full Time/ Part Time)	Date of Registration	Research Topic	Availing Fellowship Yes/No
1.	DrAshutosh Nigam	1 Komal 2 Shikha Sahay 3 Divya Saini	Full Time Part Time Part Time		Will be finalised in due course	Yes No No
2	Dr.RachnaAgrawal	Rupali Madan	Part Time	27/04/12	Relationship Marketing in Banking Sector	No
3	Dr.RachnaAgrawal	Mr Munish	Part Time	2012	A study of knowledge workers Management strategies in Indian IT Sector; A key to engagement and retention	No
3	Dr Manisha Goel	Anushree Chauhan	Part time	2012	Multilevel Motivation System Designing for Organization's Performance Enhancement	No
		Ruchi Mangla	Part Time	2011	The Impact of financial leverage on dividend policy –A comparison of nationalised and private banks in India	No
		Preeti aggarwal	Part Time	2011	Marketing of financial services to women	No



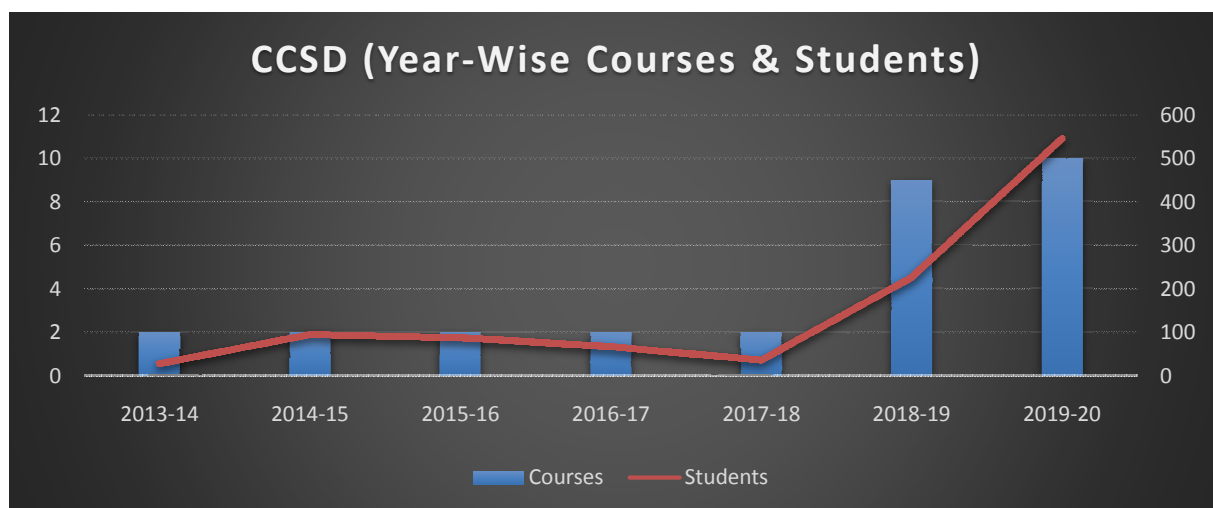
COMMUNITY COLLEGE OF SKILL DEVELOPMENT



COMMUNITY COLLEGE OF SKILL DEVELOPMENT

The Community College of Skill Development is an alternative system of education, which is aimed at the empowerment of the disadvantaged and the underprivileged – urban poor, rural poor, tribal poor and women – through appropriate skills development leading to gainful employment in collaboration with the local industry and the community and achieve skills for employment and self employability of the above sections of people in the society. The Community College model is a flexible, open education system which is based on lifelong learning needs and is accessible to a large number of individuals of the community. It primarily focuses on imparting skill-based education on the models of National Occupational Standards (NOS).It provides Entrepreneurship Orientation to the students.

The Community College of Skill Development was started in the year 2013 with six-month Advance Certificate Course in Welding. From session 2014-15, the college is offering one year diploma course in welding and electrician with intake of 50-50 students each. It had marked a special achievement with cent per cent placement of its students. In the session 2016-17, the College started Diploma in Refrigeration and Air-conditioning under MoU with Daikin. Then, in the session 2018-19, the College has started certificate courses, Diploma courses, Advanced Diploma and Bachelor in Vocation (B. Voc.) courses.



GRANTS FROM UGC

Grant for B.Voc Program	
Grant Allotted	1,95,00,000/- Rs
Grant Received	82,50,000/- Rs
Grant for Community College	
Grant Allotted	25,00,000/-Rs
Grant Received	In-process

*In session 2018-2019 two B.Voc Courses Automobile manufacturing, Automotive manufacturing technology were approved by AICTE.

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S. No.	Education/Training Level	Job Role
1.	Certificate	Assistant to Trade Technician
2.	Diploma	Trade Technician Supervisor
3.	Advanced Diploma in Vocation	Trade Shop Supervisor
4.	B. Voc.	Graduate Engineer Trainee/ Training In-charge
5	P.G. Diploma	AI Chief Data Scientist

COURSES DURING THE YEAR 2018-2019

S.No.	Course with discipline	Duration	Intake	Students Admitted
1.	Certificate in Refrigeration And Air Conditioning	1 Year	50	14
2.	Certificate in Electrical	1 Year	50	07
3.	Diploma in Refrigeration And Air Conditioning	1 Year	50	21
4.	Diploma in Electrical	1 Year	50	21
5.	Diploma in Web Designing	1 Year	50	15
6.	Diploma in Computer Software, Hardware and Networking	1 Year	50	16
7.	Diploma in Yoga and Naturopathy	1 Year	50	43
8.	B.Voc in Electrical	3 Years	50	15
9.	B.Voc in Manufacturing	3 Years	50	16
10.	B,Voc in Web Development	3 Years	50	24
11.	B.Voc in Automobiles	3 Years	50	19



COURSE CURRICULUM ENRICHMENT

CCSD is following SSC's verified curriculum to meet the requirements of Sector Skill Councils to Ensure Job orientation, add Value of courses and to meet the emerging needs of students & stakeholders

Courses	Sector Skill Council
Automobile	ASDC
Electrician	NASSCOM
Web Development	CSDC
Manufacturing	ASDC

PLACEMENT DETAILS (UPTO JUNE 2019)

Course	Duration	Students admitted	Students passed	Placement
Diploma in Electrician	2018 - 2019	21	15	13
Diploma in RAC	2018 - 2019	35	25	19
Diploma in Yoga and Naturopathy	2018-2019	42	38	30

MOU SIGNED

Sr.No	Organization	Objective
1	P.B Infra Experts Pvt.Ltd	Conduction of Skill based training
2	NASSCOM	Assessment of Students
3	NSIC	Conduction of some workshops and classes of various courses at NSIC, Neemka.

EXPERT LECTURES DURING THE YEAR

S.No.	Item/Report	Name of Expert	Designation	Association	Date
1	Expert Lecture on Sheet Metal Forming	Mr. Praveen Kumar	Assistant Professor	Delhi Institute of Tool Engineering, New Delhi	29th October 2018

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2	Expert Lecture on Networking	Mr. Pankaj Munjal	Director	Dot Networking Solutions, Faridabad	20th November 2018
3	Expert Lecture on Electrical Maintenance	Mr. Sandeep Dutta	Module Head	Plant Engineering and Maintenance Escorts Ltd, Faridabad	21st November 2018
4	Expert Lecture on Operating System	Mr. Pankaj Munjal	Director	Dot Networking Solutions, Faridabad	27th November 2018
5	Expert Lecture on Motivational Spirit	Mr. S.B. Kumar	CEO	RSB Engg. Consultants, Faridabad	19th December 2018
6	Expert Lecture on Testing and Inspection	Mr. B.S. Bahl Trainer MultiTech	Trainer	MultiTech Products Pvt. Ltd, Faridabad	17th December 2018
7	Expert lecture on Welding	Mr. B.S. Bahl Trainer MultiTech	Trainer	India Autotech. Pvt Ltd.	6 th March 2019
7	Business plan for Start Up Idea	Mrs. Anita Lal Tripathy	Professor	AMITY University	19 th April 2019

WORKSHOPS DURING THE YEAR

S.No.	Item/Report	Name of Expert	Association	Co-ordinator	Date
1	Technix	Dr. Sanjeev Goyal & Dr. Rashmi Popli	CCSD	CCSD TEAM	19 th - 20 th November 2018
2	Workshop on PLC and Automation	Mr. Sandeep Saini & Mr. Deepak Punj	Prolific Pvt Ltd.	Ms. Meenu	12 th - 14 th March, 2019
3	Workshop on C++	Mr. Vineet Jaganathan	Innovians Technologies.	Ms. Poonam	24 th – 25 th April 2019
4	Workshop on Maths Mela	Mr. Anuj	DST	Dr. Sanjeev Goyal & Dr. Rashmi Popli	22 nd December 2019



INDUSTRIAL VISITS





AFFILIATING COLLEGE



**LIST OF COLLEGES OF PALWAL AND FARIDABAD
AFFILIATING TO THE UNIVERSITY
(YEAR 2018-19)**

1. Aravali College of Engineering & Management, Jasana-Tigaon Road, Jasana, Faridabad.
2. B.S. Anangpuria Institute of Technology & Management, Vill. Alampur, BallabgarhSohna Road, Faridabad
3. Echelon Institute of Technology, Village-Kabulpur, KheriManjhawali Road, Neharpar, Faridabad
4. Delhi Institute of Technology, Management & Research, Vill. FirojpurKalan, Sohna Road, Faridabad.
5. Pt. L.R. College of Technology, Technical Campus, Kaboolpur Banger, SohnaSamaypur Road, Near sector 56, Ballabgarh, Faridabad.
6. Rawal Institute of Engineering & Technology, Sohna Road, Near Vill. Zakopur, Ballabgarh, Faridabad.
7. SatyugDarshan Institute of Engineering & Technology, Bhupani-Lalpur Road, Bhupani, Faridabad.
8. Advanced College of Technology & Management, 70 KM, Delhi Mathura Road, Vill. Aurangabad, Teh. Hodal, Distt. Palwa.
9. Advanced Institute of Technology & Management, 70 KM, Delhi Mathura Road, Vill. Aurangabad, Teh. Hodal, Distt. Palwa.
10. Delhi College of Technology & Management, 77 K.M. Stone, NH-2, Gudhrana, Palwal.
11. NGF College of Engineering & Technology, 71st K.M. Stone, DehiMathura Highway, NH-2, Palwal
12. Rattan Institute of Technology & Management, 79 K.M. Stone, NH-2, Mundkati Chock Saveli, Palwal.
13. Satya College of Engineering & Technology, 72 K.M. Stone, DelhiMathura Road, NH-2, Distt. Palwal.
14. Shri Ram College of Engineering & Management, 70 K.M. Stone, DehiMathura Road, NH-2, Palwal.

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1. NAME OF THE COLLEGE: ARAVALI COLLEGE OF ENGINEERING & MANAGEMENT, PALWAL

NAME OF THE PRINCIPAL: DR. SURESH KUMAR JINDAL

UG Courses:

B.Tech	Electronics & Communication Engineering	120
B.Tech	Computer Science & Engineering	90
B.Tech	Mechanical Engineering	180
B.Tech	Civil Engineering	60
BBA	BBA	60
BCA	BCA	60

PG Courses:

MBA	MBA	60
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2. NAME OF THE COLLEGE: B.S. ANANGPURIA INSTITUTE OF TECHNOLOGY & MANAGEMENT, FARIDABAD

NAME OF THE PRINCIPAL: DR. S.S. TYAGI

UG Courses:

B.Tech	Electronics & Communication Engineering	30
B.Tech	Computer Science & Engineering	60
B.Tech	Mechanical Engineering	60
B.Tech	Information Technology	30
B.Tech	Civil Engineering	30
BBA	BBA	60
BCA	BCA	60

PG Courses:

MBA	MBA	30
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**3. NAME OF THE COLLEGE: DELHI INSTITUTE OF TECHNOLOGY,
MANAGEMENT & RESEARCH,
FARIDABAD**

NAME OF THE PRINCIPAL: DR. P.K. MANDAL

UG Courses:

B.Tech	Electronics & Communication Engineering	30
B.Tech	Computer Science & Engineering	120
B.Tech	Mechanical Engineering	180
B.Tech	Electrical Engineering	30
B.Tech	Civil Engineering	90
BBA	BBA	60

PG Courses

M.Tech	Computer Science & Engineering	24
M.Tech	Mechanical Engineering	24

**4. NAME OF THE COLLEGE: ECHELON INSTITUTE OF
TECHNOLOGY, FARIDABAD**

NAME OF THE PRINCIPAL: DR. PRAVEEN PANDEY

UG Courses:

B.Tech	Electronics & Communication Engineering	60
B.Tech	Computer Science & Engineering	150
B.Tech	Mechanical Engineering	90
B.Tech	Civil Engineering	60
BBA	BBA	60
BCA	BCA	60

PG Courses

M.Tech	Computer Science & Engineering	12
M.Tech	Mechanical Engineering	12

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**5. NAME OF THE COLLEGE: PT. L.R. COLLEGE OF TECHNOLOGY,
FARIDABAD**

NAME OF THE PRINCIPAL: DR. P.S. RAJPAL

UG Courses:

B.Tech	Electronics & Communication Engineering	60
B.Tech	Computer Science & Engineering	60
B.Tech	Mechanical Engineering	120
B.Tech	Civil Engineering	60
B.Tech	Electrical Engineering	60

PG Courses:

NA

**6. NAME OF THE COLLEGE: RAWAL INSTITUTE OF ENGINEERING &
TECHNOLOGY, FARIDABAD**

NAME OF THE PRINCIPAL: DR. B.K. SINGH

UG Courses:

B.Tech	Electronics & Communication Engineering	60
B.Tech	Computer Science & Engineering	120
B.Tech	Mechanical Engineering	120
B.Tech	Automobile Engineering	60
B.Tech	Civil Engineering	60

PG Courses

M.Tech	Computer Science & Engineering	24
M.Tech	Machine Design	18
M.Tech	Signal Processing	18

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7. NAME OF THE COLLEGE: SATYUG DARSHAN INSTITUTE OF ENGINEERING & TECHNOLOGY, FARIDABAD

NAME OF THE PRINCIPAL: DR. BHUPESH KUMAR SINGH

UG Courses:

B.Tech	Electronics & Communication Engineering	60
B.Tech	Computer Science & Engineering	120
B.Tech	Mechanical Engineering	120
B.Tech	Civil Engineering	60
B.Tech	Electrical Engineering	60
BBA	BBA	60
BBA II	Financial Services & Banking	60

PG Courses: NA

8. NAME OF THE COLLEGE: ADVANCED COLLEGE OF TECHNOLOGY & MANAGEMENT, PALWAL

NAME OF THE PRINCIPAL: DR. P.S. VISHNOI

UG Courses:

B.Tech	Computer Science & Engineering	30
B.Tech	Mechanical Engineering	60
B.Tech	Civil Engineering	60
B.Tech	Electrical & Electronics Engineering	30

PG Courses: NA

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**9. NAME OF THE COLLEGE: ADVANCED INSTITUTE OF TECHNOLOGY
& MANAGEMENT, PALWAL**

NAME OF THE PRINCIPAL: DR. R.S. CHAUDHARY

UG Course:

B.Tech	Electronics & Communication Engineering	30
B.Tech	Computer Science & Engineering	60
B.Tech	Mechanical Engineering	60
B.Tech	Information Technology	30
BBA	BBA	120
BBA	CAM	60
BCA	BCA	120

PG Courses:

M.Tech	Computer Science & Engineering	18
M.Tech	Mechanical Engineering	18
M.Tech	Electronics & Communication Engineering	18
MBA	MBA	60
MCA	MCA	60

**10. NAME OF THE COLLEGE: DELHI COLLEGE OF TECHNOLOGY &
MANAGEMENT, PALWAL**

NAME OF THE PRINCIPAL: DR. VIVEK KUMAR

UG Courses:

B.Tech	Electronics & Communication Engineering	60
B.Tech	Computer Science & Engineering	60
B.Tech	Mechanical Engineering	120
B.Tech	Civil Engineering	60
BBA	BBA	120

PG Courses:

M.Tech	Computer Science and Engineering	24
M.Tech	Mechanical Engineering Design	24
M.Tech	Electronics & Communication Engineering	18
MBA	MBA	60



11. NAME OF THE COLLEGE: NGF COLLEGE OF ENGINEERING & TECHNOLOGY, PALWAL

NAME OF THE PRINCIPAL: DR. SHARAT KAUSHIK

UG Courses:

B.Tech	Electronics & Communication Engineering	60
B.Tech	Computer Science & Engineering	90
B.Tech	Mechanical Engineering	90
B.Tech	Civil Engineering	60
B.Tech	Electrical Engineering	30
B.Tech	Fashion and Apparel Engineering	30
BBA	BBA	60

PG Courses:

M.Tech	Computer Science & Engineering	18
M.Tech	Mechanical Engineering	18
M.Tech	Electronics & Communication Engineering	18
MBA	MBA	60

12. NAME OF THE COLLEGE: RATTAN INSTITUTE OF ENGINEERING, PALWAL

NAME OF THE PRINCIPAL: DR. RAJESHWAR SAHAI

UG Courses:

B.Tech	Electronics & Communication Engineering	60
B.Tech	Computer Science & Engineering	60
B.Tech	Mechanical Engineering	120
B.Tech	Civil Engineering	60
B.Tech	Information Technology	60
B.Tech	Mechanical & Automation Engineering	60
B.Tech	Electrical Engineering	60
BBA	BBA	60

PG Courses:

M.Tech	Structural Engineering	36
M.Tech	Manufacturing & Automation Engineering	18
M.Tech	Computer Science & Engineering	24
MBA	MBA	120



13. NAME OF THE COLLEGE: SATYA COLLEGE OF ENGINEERING, & TECHNOLOGY, PALWAL

NAME OF THE PRINCIPAL: DR. KALYAN KUMAR

UG Courses:

B.Tech	Electronics & Communication Engineering	60
B.Tech	Computer Science & Engineering	60
B.Tech	Mechanical Engineering	90
B.Tech	Civil Engineering	90
B.Tech	Electrical & Electronics Engineering	60
BBA	BBA	60

PG Courses:

M.Tech	Computer Science & Engineering	18
M.Tech	Mechanical Engineering	18
M.Tech	Electronics & Communication Engineering	18
MBA	MBA	60

14. NAME OF THE COLLEGE: SHRI RAM COLLEGE OF & ENGINEERING. & MANAGEMENT, PALWAL

NAME OF THE PRINCIPAL: PROF. (DR.) S.K. GARG

UG Courses:

B.Tech	Electronics & Communication Engineering	30
B.Tech	Computer Science & Engineering	60
B.Tech	Mechanical Engineering	60
B.Tech	Civil Engineering	60
BBA	BBA	60

PG Courses:

M.Tech	Computer Science and Engineering	24
M.Tech	Mechanical Engineering	24
M.Tech	Electronics & Communication Engineering	24
M.Tech	Computer Science & Engineering	24
M.Tech	Transportation Engineering & Management	24



DEAN STUDENT WELFARE STUDENTS' ACTIVITIES



Dean Student Welfare: Dr. Naresh Chauhan
Deputy Dean Student Welfare: Dr. Sonia Bansal

**DETAILS OF STUDENT'S CLUBS AND
 CULTURAL CLUBS**

S.No.	Club	Faculty Coordinator	Secretaries	Joint Secretaries
1	Ananya	Ms. Ashlesha Gupta	Mahi Verma	Utkarsh
			Anshul Sharma	Bhumika
			Anshul Koul	
			Monika Verma	
2	Nataraja (Bhangra)	Ms. Rashmi Popli	Randeep	Diljeet
			Kapil	Ritika
				Eiti
	Nataraja (western)		Anmol	Sidharth
			Aasha	Shweta
				Aastha
3	Srijan	Dr. Preeti Sethi	Perna Rathee	Maninder Singh
			Satyam Chandra	Dipali Yadav
			Muskan Gupta	Sachin Arya
4	Vividha	Ms. Sangeeta Dhall	Jyotsna Munjal	Sandeep
			Abhishek Ranjan	Janisar
			Karan Goel	Jatin
			Harsh Goel	Disha
5	Jhalak	Mr. Umesh Kumar	Meenakshi Mandi	Jatin Khandelwal,
			Jayant Jangra	Jayapreet Kaur,
			Aditi Kamboj	Sanjeev Singh
			Hiteshwar Mehla	
6	Tarannum	Ms. Jyotsana Chawla	Ashu Sahrawat	Ishaan
			Sakshi Nigam	Ankit
7	Vivekanand Manch	Dr. Pradeep Dimri	Abhishek Saroha	Nehal
			Sumedha Saini	Abhishek
			Divyansh Sangal	Akshay
			Harsh Rohilla	Megha



TECHNICAL CLUBS

S. No.	Club	Faculty Coordinator	Secretaries	Joint Secretaries
1	Manan	Mr. Harish Kumar	Naman Sachdeva	Prince
			Hemant Bansal	Shubham
			Gaurav Yadav	Neha
2	Microbird	Mr. Mukesh Kumar	Yavika	Daksh
			Madhur	Khush
			Amit	Ankita
				Priya
3	Mechnext	Mr. Sanjay Kumar	Manjeet Lather	Shubham Sharma
			Gaurav Pal	Yogender Chauhan
			Divanshu Kapoor	Sonvir Singh
			Alok Jain	Rahul Yadav
4	Samarpan	Ms. Rachna Dhir	Sahil Kapoor	Sahil Kapoor
			Sanyam Grover	Sanyam Grover
			Anisha Raheja	Anisha Raheja
			Saurabh Dubey	
			Vishal Dhiman	
5	IEEE	Mr. Ved Pal	Saumya Rastogi	Sumit Prasad
			Nikita Malpani	Saikat Kuila
				Sahil Jain
6	SAE Collegiate Club	Mr. Mukesh Gupta	Gautam Singh	Divyanshu Garg
			Sachin	Jayant Garg
				Bhavya

SPORTS CLUB

S.No.	Club	Faculty Coordinator	Secretaries	Joint Secretaries
1	Eklavya	Mr. Shailender Gupta	Sunil Kumar	Manav Sethi
			Aman Kumar	Manish Kumar

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			Sahil Kasana	Ajayender Sorout
			Rohit Lamba	

EVENTS/ACTIVITIES DURING THE YEAR**NAME OF CLUB - JHALAK**

S. No.	Name of Activity	Date	Number of Participants
1	Orientation (Induction Programme)	28/09/2019	All 1 st yr students
2	Photoshop Workshop	6/10/2018	100+
3	IIT Delhi – Rendezvous'18	13-16/10/2019	150+
4	Auditions	11/10/2018	200+
5	Photography Workshop	15/11/2018	30+
6	Photowalk – National Zoological Park	18/11/2018	30+
7	Logo Designing Competition	15/11/2018	50+
8	IIT Delhi – Rendezvous'18	13-16/10/2019	150+
9	Photowalk – Chandni Chowk	3/2/2019	35+
10	photowalk – Hauz Khas Fort and Humayun's Tomb	9-10/3/2019	30

NAME OF CLUB – NATARAJA

S.No.	Name of Activity	Date	Number of participants
1.	Reizo'19	16.09.2019	70+
2.	Rendezvous'19	01.10.2019	35
3.	Orientation'18	06.10.2018	45
4.	Auditions	02.10.2018 05.10.2018	34
5.	Foundation Day	16.09.2018	40+
6.	Rakzz (Elements Culmyca 2k19)	12.04.2019	50+
7.	Folklore (Elements Culmyca 2k19)	12.04.2019	50+

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8.	Flashback (Elements Culmyca)	13.04.2019	30+
9.	Footloose (Elements Culmyca)	14.04.2019	30+
10.	Independence Day	15.08.2019	15+
11.	Tree Plantation Drive	31.08.2019	10+

NAME OF CLUB - MICROBIRD

S.No.	Name of Activity	Date	Number of participants
1.	Escalade Robotics Competition 7.0	08.07.2018	50+
2.	Orientation(Induction Program)	30.08.2018	540+
3.	Tochomoji(Foundation Day)	17.09.2018	600+
4.	Workshop on PCB Designing	30.09.2018	50+
5.	Technical Quiz Inceptum	05.10.2018	5
6.	Robomaze at Inceptum	05.10.2018	3
7.	Workshop on Sensor Stimulated Appliances	07.10.2018	100+
8.	Auditions World Standard Day 2018 Innovative Idea Competition	09.10.2018	250+
9.	Educational Trip to Science Museum	29.10.2018	50+
10.	Pragyan' 18 Project Competition	03.10.2017	10+

NAME OF CLUB - VIVIDHA

S.No.	Name of Activity	Date	Number of participants
1.	Nukkad Natak	13.10.2018	25
2.	Mono Act Competition	16.10.2018	01
3.	Pratidwand	16.10.2018	10
4.	Comedy Hunt	14.10.2018	02
5.	Kavi Sammelan	13.10.2018	02
6.	Shaheed Bhagat Singh act	24.10.2019	20
7.	Nukkad On Drugs	19.02.2019	29
8.	Confluence' 19	14.02.2019 - 19.02.2019	25 (nukkad) + 2 (monoact)



NAME OF CLUB – SRIJAN

S.No.	Name of Activity	Date	Number of participants
1.	Soft Pastel+Charcoal workshop	August, 2018	80
2.	Spray Paint workshop(Induction Program)	September, 2018	80+
3.	Foundation Day	September, 2018	80+
4.	Surgical Strike Day,Tribute to Indian Army	September, 2018	60+
5.	Srijan Auditions(3 days)	October, 2018	180+
6.	Rendezvous' 16	13-17 October, 2018	40
7.	Charcoal Session	November, 2018	70+
8.	Logo Making competition	November, 2018	40+
9.	Elements Culmyca	April, 2019	50+

NAME OF CLUB – SAMARPAN

S.No	Name of Activity	Date	Number of participants
1.	Wired and wireless workshop	14.10.2018	30+
2.	Techshala	12.10.2018	40+
3.	Industrial Visit	08.02.2019	25
4.	National Science centre Museum	10.02.2019	30+
5.	Winter Session	Jan-Feb, 2019	40
6.	Techwizard	April, 2019	300
7.	Musical Band	April, 2019	300
8.	Grand Prix 4.0	April, 2019	60
9.	Musical Fountain	April, 2019	40
10	Ping pong	April, 2019	200

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11	Tic Tac Toe	April, 2019	30
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NAME OF CLUB – MANAN

S.No	Name of Activity	Date
1.	Session on Importance of Problem Solving in Cracking Tech Interviews	10.08.2018
2.	Session on Trees	20.08.2018
3.	Android Workshop	26.08.2018
4.	Session on Bit Manipulation and Bit Masking	31.08.2018
5.	Session on Firebase	03.09.2018
6.	Code Cadet Series : An Online Competitive Coding Contests	03.02.2018
7.	Mr & Ms Technocrat on Foundation Day cum Freshers' Party	01.09.2018 – 10.09.2018
8.	Manthan	09.09.2018 – 12.09.2018
9.	Introduction to Dynamic Programming	04.10.2018
10	Session on Introduction to Segment Tree	18.10.2018
11	Participation in PEC FEST	26.10.2018 – 28.10.2018
12	An Algo A Day - Initiative by Manan	15.10.2018
13	Session on Graph Theory	19.03.2019
14	2 Day Workshop Session on Node.JS - Code Relay	24.03.2019 – 25.03.2019
15	Front End Development using Bootstrap and CSS Animations - Code Relay	31.03.2019
16	Getting Started with Django - A Web Development Framework - Code Relay	02.04.2019 – 03.04.2019
17	Intro to Competitive Programming for Beginners - Code Relay	09.04.2019
18	Session on Linked Lists - Code Relay	16.04.2019

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19	Session on Number Theory - Code Relay	17.03.2019
20	Introduction to Git and Github - Code Relay	18.03.2019
21	Session on Binary Trees - Code Relay	19.03.2019

NAME OF CLUB – TARANNUM

S.No	Name of Activity	Date	Number of participants
1.	Independence Day	15.08.18	50+
2.	Freshers Day / Foundation Day	25.08.18	23
3.	Women's Day	08.03.19	25
4.	Science Conclave	25.08.18	30+
5.	NAAC Team Visit	13.10.18	30+
6.	Orientation	12.10.18	50+
7.	Auditions	25.10.18	50+
8.	Republic Day	26.01.19	20+
9.	Elements Culmyca	12.04.19- 14.04.19	50+

NAME OF CLUB – MECHNEXT

S.No	Name of Activity	Date	Number of participants
1.	Udaan	Culmyca'19 11.03.19-13.03.19	30+
2.	Clash of Designers	Culmyca'19 11.03.19-13.03.19	50+
3.	Quiz me up	Culmyca'19 11.03.19-13.03.19	45

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4.	Robo Rules	Culmyca'19 11.03.19-13.03.19	23
5.	Technomela	Culmyca'19 11.03.19-13.03.19	70+
6.	Megastructure	Culmyca'19 11.03.19-13.03.19	45+
7.	JCBUST Logo	Culmyca'19 11.03.19-13.03.19	50+
8.	Jenga Tower Games	Culmyca'19 11.03.19-13.03.19	30+
9.	Pinball Game	Culmyca'19 11.03.19-13.03.19	20
10	megaproject	Culmyca'19 11.03.19-13.03.19	57

NAME OF CLUB – IEEE

S.No	Name of Activity	Date	Number of participants
1.	Induction Programme	31.08.18	400+
2.	MIT App Developer Session	09.08.18- 12.08.18	40+
3.	Foundation Day	16.09.18	30+
4.	India Game Summit 2k18	26.09.18- 29.09.18	6
5.	Auditions	11.10.18	223
6.	PCB Designing Session	26.10.18	40
7.	PCB Designing Contest	05.11.18	
8.	Techshala Project Showcase	08.10.18	250+
9.	India skills	31.05.18- 02.06.18	1
10	AANWIK	15.03.19- 16.03.19	Members
11	Elements Culmyca	12.04.19- 14.03.19	60+



NAME OF CLUB – ANANYA

S.No	Name of Activity	Date	Number of participants
1.	Furore	After every 3 months interval	20+
2.	Induction Programme	31.08.2018	200+
3.	Debating Competition	27.09.2018	24
4.	NTPC Debate	2.10.2018	32
5.	Kaavyotsav	3.03.2019	40+
6.	Big fact Hunt	11.04.2019	19 teams
7.	Insurrection	11.04.2019	12 teams
8.	Tell a tale	12.04.2019	30+
9.	Alphaaz	12.04.2019	50+
10	Witsvilla	13.04.2019	30+
11	Just a minute	13.04.2019	20+

NAME OF CLUB – VIVEKANAND MANCH

S.No	Name of Activity	Date	Number of participants
1.	Visit To Old Age Home	04.08.19	Members
2.	Swatchh Bharat Abhiyan	02.20.19	60+
3.	Arise Awake Achieve 3.0 Workshop	03.04.19	70
4.	Jhumba	Culmyca' 19	Members
5.	Skit	Culmyca' 19	Members
6.	Infinity Search	Culmyca' 19	Members



NAME OF CLUB – NATIONAL SERVICE SCHEME(NSS)

NSS ACITIVITY:

- Blood Donation Camp (13.03.19)
- Swacch Bharat Abhiyan (27.03.19)
- Jal Shakti Abhiyan (26.08.2019)
- Fit India Movement (29.08.19)
- Nutrition Camp in Village (17.09.19)
- event on Nutrition Movement (19.09.19)
- Gandhi Jayanti Celebration (02.10.2019)
- vigilance awareness week (31.10.19)
- Constitution Day Celebration (26.11.19)

SPORTS ACTIVITY:

- Inter- College Archery Tournament (21-22.09.18)
- Inter- College Basketball Tournament (8-9.10.18)
- Inter- College Badminton Tournament (9-11.10.18)
- Inter- College Volleyball Tournament (9-11.10.18)
- Inter- College Football, Tournament (9-11.10.18)
- Inter- College Kabaddi Tournament (19-20.10.18)
- inter- college cricket, tournament (19-22.11.18)
- Inter- College TABLE TENNIS, Tournament (21-22.11.18)
- Inter- College Power Lifting Tournament (16-17.01.18)
- Inter- College Chess, Tournament (13-14.04.19)
- Inter- College Boxing Tournament (13-14.04.19)

1. Name of Club - Jhalak

S.No.	Student Name	Club	Event Detail	Position/Prize
1.	Jatin Khandelwal	Jhalak	Themed Photography Competition at IIT Delhi in Rendezvous' 18	3 rd
2.	Hiteshwar Mehla	Jhalak	Design Revolution at IIT Delhi in Rendezvous' 18	2 nd
3.	Vikas Bobuwa	Jhalak	Story Teller at IIT Delhi in Rendezvous' 18	3 rd
4.	Mayank Khinchi	Jhalak	Shot in Time (Online Event) of SNU, Noida	2 nd
5.	Gurmeet Singh	Jhalak	Online Photography Competition of EIT, Faridabad	1 st
6.	Kamal Garg	Jhalak	On the spot Photography Competition at MNC, DU	2 nd

Annual Report 2018-19**2. Name of club – Ananya**

S.No.	Student Name	Club	Event Detail	Position/Prize
1.	Aashima Anand	Ananya	JAM(LHMC)	1st
2	Aditi Utreja	Ananya	JAM (DTU)	1st
			JAM (LHMC)	3rd
			JAM (MAMC)	3rd
3	Anshul Kaul	Ananya	JAM (BPIT)	1st
			GD (BPIT)	2nd
			Hindu MIP	High Comm
			ARSD YP	Hon. Mention
4	Chim Sharma	Ananya	JAM (KMV)	1st
			Word Wobble (Gargi)	1st
5.	Dev Deswal	Ananya	Quiz (Satyawati)	3rd
6.	Kunal Vashisht	Ananya	Debate (Gargi)	1st
			Quiz (Satyawati)	3rd
			Debate (Dyal Singh)	Best interjector
7.	Mahi Verma	Ananya	GD (BPIT)	1st
8.	Monika Verma	Ananya	JAM (DTU)	2nd
9.	Osheen Kalra	Ananya	Slam Poetry (NDIM)	2nd

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10.	Rashi Baheti	Ananya	Creative Writing (DTU)	1st
11.	Ritika Khairwal	Ananya	JAM (RDV IITD)	2nd
			Creative writing (RDV IITD)	3rd
12.	Sushant Kumar Mishra	Ananya	Word Wobble(Gargi)	2nd
13.	Tanisha Tyagi	Ananya	Storytelling(Gargi)	2nd
			JAM(DTU)	2nd
			JAM(BPIT)	2nd
			HINDI JAM DTU	JAM MASTER
14.	Utkarsh Srivastava	Ananya	Word Wobble(Gargi)	2nd
			JAM(KMV)	2nd
15.	Vanshika Sharda	Ananya	Slam poetry(BPIT)	2nd
			Slam poetry(DTU)	2nd
			JAM(MAMC)	2nd
			JAM(RDV IITD)	3rd

3. Name of Club - Niramayam

S.No.	Student Name	Club	Event Detail	Position/Prize
1.	Anshika Chaudhary	Niramayam	12 th April 2019 Challenge Me: A competitive fitness event	1 st

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			involving various flexibility, strength and balance activities.	
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4. Name of club – Vividha

S.No.	Student Name	Club	Event Detail	Position/Prize
1.	Mohit Sharma	Vividha	Monoact in NIT Kurukshetra Cultural Fest (Confluence' 19)	1 st
2.	Sandeep yadav ,Janisar,Dessha Jatin, Saurabh, Shevam Nagar, Hitika Singhal,Srishti , Harsh Sharma,Aashi, Addhyan, Abhishek, Praveen, Saloni,kanika,Sakshi,Anusha , Raman,Divesh,Rachit , Charu , Mohak , ,Pranjal, Prashansha	Vividha	Nukkad Natak in NIT Kurukshetra Cultural Fest (Confluence' 19)	3 rd
3.	Harsh Sharma, Saloni Singhal, Divesh Sharma, Raashi, Mohak,Prashansha	Vividha	Mime in Elements Culmyca' 19 (YMCA fest)	1 st
4.	Sandeep Yadav, Saurabh, Shevam, Hitika ,Srishti ,Aashi, Addhyan, Abhishek, Praveen, Saloni,kanika,Sakshi, Anusha ,Dhiren, Divesh, Rachit , Charu , Mohak , ,Pranjal, Prashansha, Priyanka,,Joy,Bhuvnesh,Gaurav	Vividha	Nukkad Natak in Elements Culmyca' 19 (YMCA fest)	2 nd



**PT. DEEN DAYAL UPADHYAY
CENTRAL LIBRARY**

**INTRODUCTION**

Pt. Deen Dayal Upadhyay Central Library is situated at ground floor with air conditioned facility. It is well equipped with modern technology like Internet, Bar Code technology etc. It is automated with the library Automation Software Libsys. The library is a member of E-Shodh Sindhu Consortium and getting access of various e-resources through this Consortium. In addition to the e-resources accessible through above Consortium, some well known e-resource packages (e.g. Elsevier's Science Direct, ACM Digital Library) are also being subscribed by the library. The library is also member of Developing Library Network (DELNET).

Nominated Member, Library Committee: Prof. Ashutosh Dixit

STAFF PROFILE

Sr. No.	Name	Designation	Qualification	Total Experience (years)
1	Dr. P. N. Bajpai	Dy. Librarian	M. Sc.; MLIS, M. Phil, Ph.D.	23
2	Ms. Hema Singh	Asstt. Lib. Professional	M. Sc., ADIS, PGDCA	12
3	Mrs. Sadhna Bajpai	Library Counter Clerk	B. Sc., M. A., MLIS, M. Phil	17
4	Mr. Tekchand	Library Counter Clerk	B. Sc., MLIS, M. Phil, PGDCA	10
5	Ms. Pooja	Lib. Attd. Cum Restorer	B. A.; Dip in Lib. & Inf. Sc.	01

LIBRARY COLLECTION

Books in Stock	Newly Purchased Books	Book Bank Books	No. of Print Journals	No. of Magazines	No. of Newspapers
79673	1989	17368	125	35	16

SECTIONS OF THE LIBRARY

The Library is having following sections:

1. Acquisition & Technical Section
2. Circulation Section
3. General Book Section (Stack Area)
4. Book Bank Section
5. Periodical Section
6. Reference Section
7. Internet / E-Resource Section
8. Separate Reading Room

SERVICES/FACILITIES PROVIDED BY THE LIBRARY

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1. Circulation (Issue/Return) Service
2. Reference Service
3. Internet & Access to e-resources
4. Online Public Access Catalogue (OPAC)
5. Reading Facility
6. Book Bank facility
7. Current Content Service.
8. Newspaper clipping service.

SHORT TERM COURSE/CONFERENCE/ WORKSHOP ATTENDED BY LIBRARY STAFF:

Following short term courses/ seminars/ workshops were attended by Dr. P. N. Bajpai, Dy. Librarian

1. Attended workshop cum training program on “Institutional Digital Repository” on 7th September, 2018 to 8th September, 2018 organized by Indian Institute of Corporate Affairs, Manesar, Gurugram.
2. Attended one week ICT Skill Development Programme “National Workshop on Metadata Management and Open Source Discovery Systems for Libraries” from 24th June, 2019 to 29th June, 2019 organized by Information and Library Network Centre (INFLIBNET), Infocity, Gandhinagar, Gujarat (IPR).

RESEARCH PUBLICATIONS BY DR. P. N. BAJPAI, DY. LIBRARIAN

1. Managing Electronic Resources Effectively. Shodh-Dhara Vol. 4, December, 2018.

E-RESOURCES

Presently library is having access of following e-resources through

E-shodh sindhu Consortium

Springer Link	http://link.springer.com
Taylor & Francis	http://www.tandfonline.com
Economic & Political Weekly	http://epw.in/
ASME	http://asmedigitalcollection.asme.org
World e-book Library	http://community.worldlibrary.in
South Asia Archives (SAA)	http://www.southasiaarchive.com
JCCC	http://jgateplus.com/

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E-resources subscribed by the Library

Elsevier's Science Direct (Engg & Comp.Sc. Collection)

<http://www.sciencedirect.com>

ACM Digital Library

<http://www.dl.acm.org/>

GATEWAY TO E-RESOURCES (DISCOVERY SERVICE)

JGate Plus

<http://jgateplus.com>

EVENTS/ACTIVITIES/ACHIEVEMENTS DURING THE YEAR

Date	Name of Activity	Number of Participants
09.01.2019	User awareness workshop on "Using E-Resources Effectively"	130
06.09.2018	User awareness workshop on "Using IEEE and IET Electronic Library effectively"	110



RESULT ANALYSIS (2018-2019)

Annual Report 2018-19**Dec 2018- Semester Wise-Pass Percentage:**

Course	Semester	Total No. of appeared candidates	Total no, of pass candidates	Total no. of fail candidates	Pass %
B.TECH	7 th	463	385	78	83.15
B.TECH	5 th	508	400	108	78.74
B.TECH	3 rd	534	302	232	56.55
M.TECH	3 rd	114	108	06	94.73
MA (J)	3 rd	20	19	01	95
MBA	3 rd	117	110	07	94.01
MCA	3 rd	34	26	08	76.47
MSC (P)	3 rd	57	51	06	89.47
MSC(M)	3 rd	57	34	23	59.64
MSC(CH)	3 rd	58	46	12	79.31
MSC (EVS)	3 rd	24	23	01	95.83

May 2019- Semester Wise-Pass Percentage:

Course	Semester	Total No. of appeared candidates	Total no, of pass candidates	Total no. of fail candidates	Pass %
B.TECH	8th	496	426	70	85.88
B.TECH	6 th	504	433	71	85.91
M.TECH	4th	113	107	06	94.69
MA (J)	4th	20	20	00	100
MBA	4th	115	106	09	92.17
MCA	6 th	32	28	04	87.5
MSC (P)	4 th	47	44	03	93.61
MSC(M)	4 th	52	40	12	76.92
MSC(CH)	4th	57	55	02	96.49



DETAIL OF SCHOLARSHIPS



UNIVERSITY SCHOLASHIP SCHEMES 2018-19

Sr. No.	Name of Scholarship	No.of students allowed	Amount per student (in Rs.)	No. of students eligible during 2018-19	Amount disbursed during 2018-19 (in Rs.)	Eligibility Criteria
01	SCHOLARSHIP FROM STATE GOVT. DEPTTS.					
a.	BC Post Matric Scholarship (*)	No. limit of number of eligible students	Maintenance Allowance	44	120595/-	For BC students whose parental income less than 1.5 lac per annum
				76	Under Audit with State Govt., Chandigarh, Haryana	
b.	SC Post Matric Scholarship (*)	No. limit of number of eligible students	Tuition fee, Maint. Allowance & other charges	216	13421954/-	For SC students whose parental income less than 2.50 lac per annum
2.	UNIVERSITY SCHOLARSHIPS					
a.	Dean Certificates Department wise	52 per semester	Rs.2,500/- + Certificate	111	277500/-	Toppers of each semester branch wise/course wise/B.Tech./MCA/MBA/ M. Tech./M.Sc./B.Sc./BBA/ BCA/MA Courses
b.	Merit-Cum-Means Scholarship	15% of the sanctioned/ admitted strength of B.Tech./ MCA/ MBA course or actual intake whichever is less	750/- per month per student	38	142500/-	B.Tech., MBA, & MCA students whose parental income 4.50 lacs per annum and passed their last two semester exams and secured atleast 7.750 CGPA
3.	MISC. SCHOLARSHIPS FROM OUTSIDE AGENCIES					
a.	DLF Raghvendra Scholarship	No limit of number of students	tuition fee & other charges	01	40000/-	As per their norms
b.	AICTE J&K admitted student (PMSSS Scheme)	No limit of number of students	tuition fee & other charges	10	357310/-	As per their norms
c.	Vishwa Prakash Mission, Fbd.	No limit of number of students	tuition fee & other charges	27	928065/-	As per their norms

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d.	MOB (Merit cum means Schl.)	No limit of number of students	tuition fee & other charges	03	70215/-	As per their norms
Grand Total						

NOTE : Beside the above scholarships, number of students are getting scholarship from Central Board of Secondary Delhi, Board of School Education Haryana, Bhiwani, Minority Schl., Post Matric Merit-cum-Means Sch., Labour Welfare Board, Dr. B.R. Ambedkar Sch., Guru Hari Krishan Ednl. Sch., Inspiron, Subroto memorial, Bihar PM Schl., Siemens, Foundation of Excellence Schl., Ex-Servicemen and from their Parent's office etc.directly on verification of their forms by our university.

(*) **Under these schemes students are getting scholarship amount directly to their Bank Accounts.**



UNIVERSITY WORKS & DEVELOPMENT

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Executive Engineer : Mr. Ajay Taneja,

Sub Divisional Engineer: Mr. Anil Kumar Sharma

INTRODUCTION:

In order to strengthen the academic activities of the University, construction of new buildings for departments, hostels, staff quarters, etc., and development of other infrastructural facilities were taken up during the year under report. The details of which are as follows:

WORK IN PROGRESS:

Sr. No	Name of work with Agreement Name	Amt. of A/A (In Lacs)	Scope of work	Date of completion
1.	Construction of Multi storied Officers Residence at University.	3850.00	Construction of 72 nos. flats in 2 blocks @ 36 nos. flats per block.	30.06..2020
2.	Construction of Science Block in the University.	2033.00	(G+9) Floor building with workshop at GF & Lecture rooms & labs on other floors.	15.05.2020
3.	Construction of Multipurpose Hall at Shakuntlam Park in University.	390.00	Multipurpose Hall with 2 Nos. indoor badminton courts.	15.02.2020
4.	Const. of Boundary wall of front portion of the University.	55.67	Const. of boundary wall along with grills.	10.12.2019
5.	Provision of lift in mechanical department and computer department of the University.	86.60	Lift in mechanical department and computer department	03.01.2023
6.	Extension of Mechanical Block of University.	213.00	Construction of 4 th floor above existing Mechanical Building.	25.02.2020
7.	Construction Of Lecture Hall (G+3 Floors).	318.53	G+3 Floor Building comprising of 16 Nos. rooms.	21.06.2020
8.	Construction of the computer & Placement cell, dean student's welfare cell of the University.	355.35	Construction of the computer & Placement cell, dean student's welfare cell	24.08.2018

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9.	Vertical Extension of Lab (1st & 2nd Floor) in the University.	42.22	Vertical Extension of Lab (1st & 2nd Floor)	31.03.2019
10.	The whitewash, Painting in boys hostel mess, replacing window glass panes in the boys hostel and renovation of pantry of VC office, B.F collapsible gate & window shades in the new COE office of university.	5.17	Whitewash, Painting in boys hostel mess, replacing window glass panes in the boys hostel & P.F Emulsion Paint, Collapsible Gates, Windows Shades etc.	22.09.2019

COMPLETED WORKS/BUILDINGS

Sr. No	Name of work with Agreement Name	Amt. of A.A (In Lacs)	Scope of work	Date of completion	Expenditure (In Lacs)
1.	Renovation of Skill development center in Mechanical Engg. Block room No. 407 in the University.	1.41	Wall paneling, false ceiling & electrical work.	09.08.2018	1.11
2.	Furnishing work in BSC Animation Lab of University.	5.61	Furnishing Work of BSC Animation lab Ist year.	10.08.2018	5.61
3	Renovation of officers Mess in the university.	3.51	P.1 plastic emulsion paint, false ceiling granite work on pillars & electrical work etc.	26.08.2018	3.34
4	Renovation of Girls hostel of the University.	5.54	P.L of vitrified tile & whitewashing work in Kalpna Chawla hall & sarojni wing of girls hostel	25.08.2018	5.03
5	The Additional work in Environment & Chemistry lab of the university.	5.32	Replacement of MS Window with Aluminum Windows, S.S Grills, P.F Chimney, Tables, Cylinder cage & electrical work	12.09.2018	4.80

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6	Preparation of building floor plans of individual blocks of the University.	3.10	Preparation of building floor plans of individual blocks	14.10.2018	2.66
7	Laying of RO water pipe line for water cooler in the YMCA university.	4.51	Laying of R.O. water pipe line, Installation of Water cooler, supply of Mono block Pumps etc.	26.09.2018	4.10
8	Furnishing work in language lab computer lab, faculty room and group discussion area in the university.	10.43	Furnishing work in language lab computer lab, faculty room and group discussion area	03.10.2018	10.42
9	Installation of Networking & UPS in the Newly constructed BSC animation lab of the university.	3.72	Installation of Networking & UPS in the Newly constructed BSC animation lab	14.09.2018	3.50
10	Installation of Samsung 2 Megapixel IP HD CCTV camera. Fire alarm system AC, Electromagnetic locks for restricted entry in newly constructed COE office in the university.	4.94	Installation of CCTV camera. Firefighting system, Electromagnetic lock for restricted entry	04.09.2018	4.31
11	Installation of Air Conditioning system in Newly constructed COE office in the university.	4.11	P.F of Split Air conditions in new COE Office.	10.09.2018	4.11
12	Estimate for Furnishing Work of PRO Office of the University.	5.64	Furnishing Work in PRO Office	20.11.2018	5.48
13	The electrical work of communication workshop-II, El-2 lab & MPI lab in electronics department and BSC animation lab	3.85	Electrical work of communication workshop-II, El-2 lab & MPI lab in electronics department and BSC animation lab in	25.10.2018	3.13

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	in HAS department of the university.		HAS department		
14	The furniture work of Academics & accounts branch at first floor and DSW office at 3 rd floor of office building of the university.	21.18	Furniture work Academics & accounts branch at first floor and DSW office at 3 rd floor of office building	20.01.2019	14.94
15	The furniture work in TPO at Ist floor & general offices at IInd & III rd floor of bank building of the University.	18.36	Furniture work in TPO at I st floor & general offices at II nd & III rd floor of bank building	21.01.2019	13.75
16	The construction of drain and recharge well to eradicate problem of water logging in the university.	21.93	Construction of drain and rain water harvesting along with P.I electrical & diesel pump etc.	28.02.2019	19.86
17	The construction of Prefabrication Hall for Faculty cabins in the university.	23.22	Construction of Prefabrication Hall for Faculty cabins with aluminum partition & Electrical work etc.	30.03.2019	22.44
18	The furnishing work of computer center at second floor of office building of the university.	21.75	The furnishing work of computer center at second floor of office building	29.12.2018	16.24
19	Providing and fixing of additional water tank 1000 LTR capacity in Taching block, leveling of playground & P.F of shed in front of officers Mess of the university.	3.77	P.F of additional water tank (1000 LTR) & leveling of playground etc.	15.11.2018	3.76
20	The furniture of community college and for multiple items for newly constructed chemistry lab F-10,F-11,F-12 of the University.	4.53	Chairs, board, notice board, stools, Elmira, table etc.	28.11.2018	4.40

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21	The chemical water proofing treatment on RCC roof in the university.	5.09	Water proofing of all roof tops to protect existing structure	20.01.2019	4.36
22	Furnishing work for office and classroom for the newly allocated floor of Community college in the University	5.02	Furnishing work for office and classroom for the newly allocated floor of Community college	01.09.2019	5.02

FUTURE WORK PLAN:

Sr. No.	Name of work with Agreement Name	Estimated Amount (In Lacs)	Scope of work
1.	Construction of girls Hostel (G+ and class -IV staff quarter (G+ Residence at J.C Bose University	1636.00	G+9 Floor with an occupancy of 270 students.
2.	Construction Of Canteen, Mess & Student's Activity Center at J.C.BOSE UST, FARIDABAD	437.33	Construction Of Canteen, Mess & Student's Activity Center.
3.	Construction of Library & Academic Building Block in J.C. Bose University.	3077.00	Construction of 2 Level Library with Classrooms & Labs on other floors.
4.	Fire Fighting Work in each & every block along with installation of fire hydrants.	200.00	Installation of Fire detector, smoke detector, Fire Hydrants & other related works as per NBC.
5.	Construction of Sewer treatment plants STP of 0.3 MLD Capacity.	150.00	Construction of STP along with pipelines to use the treated water in horticulture work.
6.	Construction & Renovation of Toilet Blocks.	50.00	Construction of toilet blocks at various locations.
7.	Installation of 10 Nos. Lift.Elevator at Different location.	300.00	Installation of 10 Nos. lifts under at different locations.



FINANCIAL SUMMARY



CONTROLLER OF FINANCE: DR. MUNISH VASHISHATH

In terms of the Section 21 of the YMCAUST Act 2009, University Budget and its Annual Accounts are put up to the "Court every year for consideration. Accordingly, the Court in its meeting - considered and approved the Budget Estimates for the year 2020-2021. Revised estimate for the Year 2019-2020 including Actual for the year 2018-2019 as recommended by the EC and the summary of the Budget so approved is given below:-

Non-Plan		Income	(Rs. In Lac)	(Rs. In Lac)
Sr. No.	State Govt. Grant	Actual 2018-2019	Revised 2019-2020	Estimate 2020-2021
A.	Opening Bal.	4643.87	4097.30	1111.65
	Grant in Aid (General) Plan Scheme	2300.00	2500.00	4000.00
	Internal Receipts (Tuition Fees)	2165.24	1775.00	1812.00
	Additional Income SFS	1368.88	1308.82	1367.30
	Scheme funded by Various Agency like UGC, DST, AICTE etc	1268.62	1715.27	1138.23
	Total	11746.61	11510.09	9429.18
EXPENDITURE (IN LACS)				
B	Grant in Aid (General) Non Plan	2942.45	3555.07	4897.14
	Grant in Aid (General) Plan	3505.54	3000.00	2870.00
	Scheme funded by Various Agency like UGC, DST, AICTE etc.	174.07	1477.71	1373.23
	Self Financing Schemes	1027.25	1241.22	1436.75
	Total	7649.31	9274.00	10577.12



UNIVERSITY AMENDMENT ACT, 2018



Haryana Government Gazette

EXTRAORDINARY

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No. 173-2018/Ext.]

CHANDIGARH, THURSDAY, OCTOBER 11, 2018

(ASVINA 19, 1940 SAKA)

LEGISLATIVE SUPPLEMENT

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PART-I ACTS

YMCA UNIVERSITY OF SCIENCE AND TECHNOLOGY
FARIDABAD (AMENDMENT) ACT, 2018
(HARYANA ACT NO. 29 OF 2018)

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PART-II ORDINANCES

NIL

PART-III DELEGATED LEGISLATION

NIL

PART-IV CORRECTION SLIPS, REPUBLICATIONS AND REPLACEMENTS

NIL

PART I**HARYANA GOVERNMENT****LAW AND LEGISLATIVE DEPARTMENT****Notification**

The 11th October, 2018

No. Leg.34/2018.— The following Act of the Legislature of the State of Haryana received the assent of the Governor of Haryana on the 27th September, 2018 and is hereby published for general information:-

HARYANA ACT NO.29 OF 2018**YMCA UNIVERSITY OF SCIENCE AND TECHNOLOGY FARIDABAD (AMENDMENT) ACT, 2018****AN****ACT**

further to amend YMCA University of Science and Technology Faridabad Act, 2009.

Be it enacted by the Legislature of the State of Haryana in the Sixty-ninth Year of the Republic of India as follows:-

- | | | |
|----|---|---|
| 1. | This Act may be called YMCA University of Science and Technology Faridabad (Amendment) Act, 2018. | Short title. |
| 2. | In the long title of YMCA University of Science and Technology Faridabad Act, 2009 (hereinafter called the principal Act), for the words “YMCA UNIVERSITY OF SCIENCE AND TECHNOLOGY FARIDABAD”, the words and signs “J.C. BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY, YMCA, FARIDABAD” shall be substituted. | Amendment of long title of Haryana Act 21 of 2009. |
| 3. | In the short title of the principal Act, for the words “YMCA University of Science and Technology Faridabad”, the words and signs “J.C. Bose University of Science and Technology, YMCA, Faridabad” shall be substituted. | Amendment of short title of Haryana Act 21 of 2009. |
| 4. | In clause (n) of section 2 of the principal Act, for the words “YMCA University of Science and Technology Faridabad”, the words and signs “J.C. Bose University of Science and Technology, YMCA, Faridabad” shall be substituted. | Amendment of section 2 of Haryana Act 21 of 2009. |
| 5. | In sub-section (1) of section 3 of the principal Act, for the words “YMCA University of Science and Technology Faridabad”, the words and signs “J.C. Bose University of Science and Technology, YMCA, Faridabad” shall be substituted. | Amendment of section 3 of Haryana Act 21 of 2009. |

KULDIP JAIN,
Secretary to Government Haryana,
Law and Legislative Department.



J.C. BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY, YMCA, FARIDABAD

NAAC 'A' Grade Accredited State Govt. University

(Established by Haryana State Legislative Act No. 21 of 2009,
Recognized by U.G.C. u/s 2 (f) and 12(B) of U.G.C. Act 1956)

NH- 2, SECTOR-6, MATHURA ROAD
FARIDABAD, HARYANA-121006

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YMCA MOB GOLDEN JUBILEE GATE
J.C. BOSE UNIVERSITY OF SCIENCE & TECHNOLOGY, YMCA, FARIDABAD